Yahoo Group Archive: TS-850_450_690 (2010 — 2016)

Yahoo Group summary: Kenwood TS-850_450_690

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2010-01-05 through 2016-12-02

Source WARC: ts-850_450_690.3kno5xn.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-01-01T22-16-07Z-0c2eff

Messages included in this PDF: 4823

Messages omitted as spam from this PDF: 10

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

8740. buy a TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-05 13:55:01 UTC
From: laurent4cv
Topic: 8740 Message: 8740

hi everybody,
I'm new in your Yahoo group.
my question :

i can buy a TS-850SAT

the serial number is 30900645

i risk an DDS issue ?
or
Other ?

Sorry for my poor english.
Laurent F0GEV

8741. TS-850 Tx Off Frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-05 22:12:42 UTC
From: ve3dpt
Topic: 8741 Message: 8741

My radio has suddenly developed a problem. The Tx frequency is approx 1.5 Khz low. I tried various bands and modes and the problem is fairly consistent. After reading several previous posts I have done several checks that were suggested. It appears that the problem may be with LO3 (8.375 MHz). It is ok in RX according to my Freq Counter, but shifts higher in Tx mode (about the amount of the error). Has anyone encountered this before, or have a suggestion?

8742. ts 450 damaged in shipping, need parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-05 23:02:48 UTC
From: denver.little
Topic: 8742 Message: 8742

my if/rf switch as well as my notch/squelch sqitch (dual concentric potentiometer) were damaged recently when i had it shipped over the holidays. i tried to repair but the posts were completely torn apart. i am unable to find any replacement parts as they as all discontinued. does anybody know where i can find replacement parts or know the power rating for each switch? i know the resistance, with the power rating i could mod it with just single switchs from mouser.com. any help would be greatly appreciated. and on a side note, dont let the fedex store pack your rig without getting insurance.

73
denver little
kf5efg

8743. RE: [TS-850_450_690] ts 450 damaged in shipping, need parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-05 23:34:49 UTC
From: Andy Hearn
Topic: 8742 Message: 8743

Denver

Try seller HIFISSB on EBay, he is always breaking rigs, I got a complete IF board from him as spare for mine.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of denver.little
Sent: 05 January 2010 23:03
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts 450 damaged in shipping, need parts

my if/rf switch as well as my notch/squelch sqitch (dual concentric potentiometer) were damaged recently when i had it shipped over the holidays. i tried to repair but the posts were completely torn apart. i am unable to find any replacement parts as they as all discontinued. does anybody know where i can find replacement parts or know the power rating for each switch? i know the resistance, with the power rating i could mod it with just single switchs from mouser.com. any help would be greatly appreciated. and on a side note, dont let the fedex store pack your rig without getting insurance.

73
denver little
kf5efg

[Non-text portions of this message have been removed]

8744. RE: [TS-850_450_690] TS-850 Tx Off Frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-05 23:37:41 UTC
From: Andy Hearn
Topic: 8741 Message: 8744

I had this problem with a TS-870D, it was a bad connection on one of the plugs to the synthesiser section, I think there was a loss of 8V or similar on Transmit. Sorry to be vague but it was some time ago !

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3dpt
Sent: 05 January 2010 22:13
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 Tx Off Frequency

My radio has suddenly developed a problem. The Tx frequency is approx 1.5 Khz low. I tried various bands and modes and the problem is fairly consistent. After reading several previous posts I have done several checks that were suggested. It appears that the problem may be with LO3 (8.375 MHz). It is ok in RX according to my Freq Counter, but shifts higher in Tx mode (about the amount of the error). Has anyone encountered this before, or have a suggestion?

[Non-text portions of this message have been removed]

8745. Re: [TS-850_450_690] TS-850 Tx Off Frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-05 23:57:17 UTC
From: Dave ve3wej
Topic: 8741 Message: 8745

xit on????

----- Original Message -----
From: ve3dpt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 05, 2010 5:12 PM
Subject: [TS-850_450_690] TS-850 Tx Off Frequency

My radio has suddenly developed a problem. The Tx frequency is approx 1.5 Khz low. I tried various bands and modes and the problem is fairly consistent. After reading several previous posts I have done several checks that were suggested. It appears that the problem may be with LO3 (8.375 MHz). It is ok in RX according to my Freq Counter, but shifts higher in Tx mode (about the amount of the error). Has anyone encountered this before, or have a suggestion?

[Non-text portions of this message have been removed]

8746. Re: TS-850 Tx Off Frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-06 12:45:29 UTC
From: avvidclif
Topic: 8741 Message: 8746

According to my notes it should not change frequency in going from rx to tx in cw mode.

The DDS chips are 2 sections, one for rx and the other for tx. Check pin 63, it is the A/B section selection pin.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3dpt" <ve3dpt@...> wrote:
>
> My radio has suddenly developed a problem. The Tx frequency is approx 1.5 Khz low. I tried various bands and modes and the problem is fairly consistent. After reading several previous posts I have done several checks that were suggested. It appears that the problem may be with LO3 (8.375 MHz). It is ok in RX according to my Freq Counter, but shifts
> higher in Tx mode (about the amount of the error). Has anyone encountered this before, or have a suggestion?
>

8747. Re: [TS-850_450_690] ts 450 damaged in shipping, need parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-06 13:54:47 UTC
From: Denver Little
Topic: 8742 Message: 8747

Andy

Thanks for the tip, i'll check him out.

From: Andy Hearn <g3ueq@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, January 5, 2010 5:34:49 PM
Subject: RE: [TS-850_450_690] ts 450 damaged in shipping, need parts

Denver

Try seller HIFISSB on EBay, he is always breaking rigs, I got a complete IF board from him as spare for mine.

73

Andy G3UEQ

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]
On Behalf Of denver.little
Sent: 05 January 2010 23:03
To: TS-850_450_690@ yahoogroups. com
Subject: [TS-850_450_ 690] ts 450 damaged in shipping, need parts

my if/rf switch as well as my notch/squelch sqitch (dual concentric potentiometer) were damaged recently when i had it shipped over the holidays. i tried to repair but the posts were completely torn apart. i am unable to find any replacement parts as they as all discontinued. does anybody know where i can find replacement parts or know the power rating for each switch? i know the resistance, with the power rating i could mod it with just single switchs from mouser.com. any help would be greatly appreciated. and on a side note, dont let the fedex store pack your rig without getting insurance.

73
denver little
kf5efg

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8748. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-06 21:31:01 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8748

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /NX7U Filter Measurements/CollageUSB.png
Uploaded by : nx7u <nx7u@...>
Description : USB mode filter passbands

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/NX7U%20Filter%20Measurements/CollageUSB
.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

nx7u <nx7u@...>

8749. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-06 21:30:41 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8749

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /NX7U Filter Measurements/CollageCW.png
Uploaded by : nx7u <nx7u@...>
Description : CW mode filter passbands

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/NX7U%20Filter%20Measurements/CollageCW.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

nx7u <nx7u@...>

8750. Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-06 21:29:41 UTC
From: nx7u
Topic: 8750 Message: 8750

I have added two files to the "FILES" section (under NX7U Filter Measurements), showing the measured passbands of the various IF filter selections in my TS-850. Each file is a set of 6 spectrum shots, one set in CW mode and the other set in SSB mode. Each spectrum shot shows the IF filter selection in "order" (e.g., 8.83-455). Note that for CW I have the Pitch set to 500 Hz.
In the 8.83 MHz IF, filter position #1 is the YK-88SN-1 and filter position #2 is the YK-88C-1, so if I understand the annunciation scheme correctly "500" means filter position #1 (or 1.8 kHz SSB filter) and "270" means filter position #2 (or 500 Hz CW filter).
So...
These plots are crazy whacked!
> 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode
> 8.83IF SSB filter has significant in-band insertion loss above 1 kHz
> 3 different filter selections in CW mode all look nearly identical

Can anyone help identify what might be wrong here? I have a feeling there are two things wrong here but I am having a hard time separating them out.

8751. Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 14:21:21 UTC
From: n0sya
Topic: 8750 Message: 8751

Hi
Your plots seem to show a lot of variation in insertion loss between the various filters, and most definitely shows why same-bandwidth filters in each IF are a good thing, just look at the ssb bw superimposed onto the cw bw plot. The discrepancies in insertion loss may just be something one has to live with for the 850, and analog IF Kenwoods in general, but then again perhaps you have bad filters?

n0sya

8752. Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 16:35:57 UTC
From: avvidclif
Topic: 8750 Message: 8752

What software did you use??

Clif

--- In TS-850_450_690@yahoogroups.com, "nx7u" <nx7u@...> wrote:
>
> I have added two files to the "FILES" section (under NX7U Filter Measurements), showing the measured passbands of the various IF filter selections in my TS-850. Each file is a set of 6 spectrum shots, one set in CW mode and the other set in SSB mode. Each spectrum shot shows the IF filter selection in "order" (e.g., 8.83-455). Note that for CW I have the Pitch set to 500 Hz.
> In the 8.83 MHz IF, filter position #1 is the YK-88SN-1 and filter position #2 is the YK-88C-1, so if I understand the annunciation scheme correctly "500" means filter position #1 (or 1.8 kHz SSB filter) and "270" means filter position #2 (or 500 Hz CW filter).
> So...
> These plots are crazy whacked!
> > 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode
> > 8.83IF SSB filter has significant in-band insertion loss above 1 kHz
> > 3 different filter selections in CW mode all look nearly identical
>
> Can anyone help identify what might be wrong here? I have a feeling there are two things wrong here but I am having a hard time separating them out.
>

8753. Re: [TS-850_450_690] Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 17:59:24 UTC
From: Chuck Goelz
Topic: 8750 Message: 8753

NX7U,

Regarding the "> 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode" part of your post:

I believe that this is as it should be... The ssb filters for the 2nd IF (8830) have a center frequency of 8830.0 KHz, while the CW filters (YK-88C-1 and YK-88CN-1) have a center frequency of 8830.7 KHz (due to the offset required for CW reception).

As background info, I had a TS-440 that I put a YK-88C-1 into (after removing it from the plug-in board). The TS-440 should have had a YK-88C, but I got a good deal on a YK-88C-1 and thought it was worth a try. It worked, but I had to set the IF-Shift almost all the way CCW to get "normal" sounding audio... Then I checked the InRad website and found that the correct CW filter for the 440 had a CF=8830.0, while the CW filter for a 450 (which is supposed to have a YK-88C-1) had CF=8830.7. I concluded that the 440 and the 450 implemented the CW shift in different stages (maybe the 1st IF for the 440). The CF for all of the SSB filters for both the 440 and the 450 were all 8830.0.

So, my main purpose for this post is to ask Cliff if he would mind offering a an explanation of how the various Kenwood models deal with the 700-800 Hz shift for CW reception... And also, Cliff, could you comment on the issue of using 500 Hz CW filters in both the 2nd and 3rd IF of models like the 450 and 850? For instance, with both enabled, will the IF-Shift control provide some degree of Variable Bandwidth control? (I have a 450 that I'm considering adding a 2nd CW filter to.) I'm sure other readers would be interested in reading Cliff's explanations as well...

Thanks, HNY, Cheers, & 73...
Chuck WA3CEJ

----- Original Message -----
From: nx7u
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 06, 2010 4:29 PM
Subject: [TS-850_450_690] Odd IF filter behaviour in TS-850S

I have added two files to the "FILES" section (under NX7U Filter Measurements), showing the measured passbands of the various IF filter selections in my TS-850. Each file is a set of 6 spectrum shots, one set in CW mode and the other set in SSB mode. Each spectrum shot shows the IF filter selection in "order" (e.g., 8.83-455). Note that for CW I have the Pitch set to 500 Hz.
In the 8.83 MHz IF, filter position #1 is the YK-88SN-1 and filter position #2 is the YK-88C-1, so if I understand the annunciation scheme correctly "500" means filter position #1 (or 1.8 kHz SSB filter) and "270" means filter position #2 (or 500 Hz CW filter).
So...
These plots are crazy whacked!
> 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode

> 8.83IF SSB filter has significant in-band insertion loss above 1 kHz
> 3 different filter selections in CW mode all look nearly identical

Can anyone help identify what might be wrong here? I have a feeling there are two things wrong here but I am having a hard time separating them out.

[Non-text portions of this message have been removed]

8754. Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 18:11:15 UTC
From: avvidclif
Topic: 8750 Message: 8754

The YK88C and CN have a center freq of 8830.7. The -1 filters have a center freq of 8830.0 That's why they don't interchange well. The YG455C and CN have the same thing, center of 455.7 and the -1's have 455.0.

The Narrow SSB is the same for both.

Clif

--- In TS-850_450_690@yahoogroups.com, "Chuck Goelz" <c.goelz@...> wrote:
>
> NX7U,
>
> Regarding the "> 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode" part of your post:
>
> I believe that this is as it should be... The ssb filters for the 2nd IF (8830) have a center frequency of 8830.0 KHz, while the CW filters (YK-88C-1 and YK-88CN-1) have a center frequency of 8830.7 KHz (due to the offset required for CW reception).
>
> As background info, I had a TS-440 that I put a YK-88C-1 into (after removing it from the plug-in board). The TS-440 should have had a YK-88C, but I got a good deal on a YK-88C-1 and thought it was worth a try. It worked, but I had to set the IF-Shift almost all the way CCW to get "normal" sounding audio... Then I checked the InRad website and found that the correct CW filter for the 440 had a CF=8830.0, while the CW filter for a 450 (which is supposed to have a YK-88C-1) had CF=8830.7. I concluded that the 440 and the 450 implemented the CW shift in different stages (maybe the 1st IF for the 440). The CF for all of the SSB filters for both the 440 and the 450 were all 8830.0.
>
> So, my main purpose for this post is to ask Cliff if he would mind offering a an explanation of how the various Kenwood models deal with the 700-800 Hz shift for CW reception... And also, Cliff, could you comment on the issue of using 500 Hz CW filters in both the 2nd and 3rd IF of models like the 450 and 850? For instance, with both enabled, will the IF-Shift control provide some degree of Variable Bandwidth control? (I have a 450 that I'm considering adding a 2nd CW filter to.) I'm sure other readers would be interested in reading Cliff's explanations as well...
>
> Thanks, HNY, Cheers, & 73...
> Chuck WA3CEJ
>
>
> ----- Original Message -----
> From: nx7u
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, January 06, 2010 4:29 PM
> Subject: [TS-850_450_690] Odd IF filter behaviour in TS-850S
>

>
>
> I have added two files to the "FILES" section (under NX7U Filter Measurements), showing the measured passbands of the various IF filter selections in my TS-850. Each file is a set of 6 spectrum shots, one set in CW mode and the other set in SSB mode. Each spectrum shot shows the IF filter selection in "order" (e.g., 8.83-455). Note that for CW I have the Pitch set to 500 Hz.
> In the 8.83 MHz IF, filter position #1 is the YK-88SN-1 and filter position #2 is the YK-88C-1, so if I understand the annunciation scheme correctly "500" means filter position #1 (or 1.8 kHz SSB filter) and "270" means filter position #2 (or 500 Hz CW filter).
> So...
> These plots are crazy whacked!
> > 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode
> > 8.83IF SSB filter has significant in-band insertion loss above 1 kHz
> > 3 different filter selections in CW mode all look nearly identical
>
> Can anyone help identify what might be wrong here? I have a feeling there are two things wrong here but I am having a hard time separating them out.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8755. power cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 19:23:32 UTC
From: Lee Nolan
Topic: 8755 Message: 8755

Does anyone know where I can get a power cable for the TS450? Lee (WB5UEN)

[Non-text portions of this message have been removed]

8756. Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 19:57:56 UTC
From: nx7u
Topic: 8750 Message: 8756

The AF spectra were screenshots saved from Spectrum Lab (DL4YHF).
Rig terminated in dummy load, ALC off, AF gain adjusted just prior to AF clipping into my laptop (an attempt to maximize dynamic range...but even with bandlimited noise that's not easy to do)

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What software did you use??
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "nx7u" <nx7u@> wrote:
> >
> > I have added two files to the "FILES" section (under NX7U Filter Measurements), showing the measured passbands of the various IF filter selections in my TS-850. Each file is a set of 6 spectrum shots, one set in CW mode and the other set in SSB mode. Each spectrum shot shows the IF filter selection in "order" (e.g., 8.83-455). Note that for CW I have the Pitch set to 500 Hz.
> > In the 8.83 MHz IF, filter position #1 is the YK-88SN-1 and filter position #2 is the YK-88C-1, so if I understand the annunciation scheme correctly "500" means filter position #1 (or 1.8 kHz SSB filter) and "270" means filter position #2 (or 500 Hz CW filter).
> > So...
> > These plots are crazy whacked!
> > > 8.83IF CW filter center frequency doesn't match 455IF CW filter center frequency in USB mode
> > > 8.83IF SSB filter has significant in-band insertion loss above 1 kHz
> > > 3 different filter selections in CW mode all look nearly identical
> >
> > Can anyone help identify what might be wrong here? I have a feeling there are two things wrong here but I am having a hard time separating them out.
> >
>

8757. Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 20:02:07 UTC
From: nx7u
Topic: 8750 Message: 8757

My filters are all -1. So it sounds like I shouldn't have any offset issues (?).

One other thing that is troubling, is that while the 455 CW filter looks just like you'd think it should look, the 8.83 CW filter (also 500 Hz) hardly looks as if it rejects anything. Not nearly as "filter-like" as the 455 filter. I understand that if all the selectivity is in an earlier IF, that some noise accumulation could happen in the stopband in later IFs...but on the order of 60 dB?? (since the filter ultimate attenuation is supposedly 80 dB and the delta measured is 10-20dB).

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The YK88C and CN have a center freq of 8830.7. The -1 filters have a center freq of 8830.0 That's why they don't interchange well. The YG455C and CN have the same thing, center of 455.7 and the -1's have 455.0.
>
> The Narrow SSB is the same for both.
>
> Clif
>

8758. Re: [TS-850_450_690] power cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 20:25:33 UTC
From: Dave ve3wej
Topic: 8755 Message: 8758

any HAm radio supply place. or ebay your choice, depends on town you live, or mailing cost...

any kenwood dealer should carry them

----- Original Message -----
From: Lee Nolan
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 07, 2010 2:23 PM
Subject: [TS-850_450_690] power cable

Does anyone know where I can get a power cable for the TS450? Lee (WB5UEN)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8759. Re: [TS-850_450_690] Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 21:57:07 UTC
From: Chuck Goelz
Topic: 8750 Message: 8759

As Cliff pointed out, I had it backwards and the "-1" filters don't have that 700 Hz offset on the CW filters, so it would appear that what I said earlier would not apply here...

Sorry for the confusion!

And thanks, Cliff, for setting me straight.

Chuck WA3CEJ
----- Original Message -----
From: nx7u
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 07, 2010 3:02 PM
Subject: [TS-850_450_690] Re: Odd IF filter behaviour in TS-850S

My filters are all -1. So it sounds like I shouldn't have any offset issues (?).

One other thing that is troubling, is that while the 455 CW filter looks just like you'd think it should look, the 8.83 CW filter (also 500 Hz) hardly looks as if it rejects anything. Not nearly as "filter-like" as the 455 filter. I understand that if all the selectivity is in an earlier IF, that some noise accumulation could happen in the stopband in later IFs...but on the order of 60 dB?? (since the filter ultimate attenuation is supposedly 80 dB and the delta measured is 10-20dB).

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The YK88C and CN have a center freq of 8830.7. The -1 filters have a center freq of 8830.0 That's why they don't interchange well. The YG455C and CN have the same thing, center of 455.7 and the -1's have 455.0.
>
> The Narrow SSB is the same for both.
>
> Clif
>

[Non-text portions of this message have been removed]

8760. Re: [TS-850_450_690] Re: Odd IF filter behaviour in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-07 22:28:18 UTC
From: Zack Widup
Topic: 8750 Message: 8760

>
> I have a question about a related problem (sort of).
>

When I first got my TS-850, I noticed that with the CW filter on (500 Hz wide 8.83 MHz filter, YK88-C-1 I believe) the slope tuning controls did not behave as on other TS-850's I've used. I do not have a 455 kHz 500 Hz filter in the rig.

On other TS-850's, the inner and outer slope tuning knobs would seem to tune through a null of some sort maybe 200 degrees from their normal position - e.g. the outer "low cut" knob, when turned about 200 degrees CCW from the fully CW position, would pass this null. With my radio, I only need to turn this knob about 30 degrees CCW to find this null. I can't get the full benefits of the slope tuning I've been able to get on other TS-850's. Likewise for the high cut knob, turning it CW from the fully CCW position.

I don't notice this problem with the 1.8 kHz SSB filter I have in the rig.

Is there some internal adjustment that can be made to correct this? Or is my CW filter defective?

73, Zack W9SZ

[Non-text portions of this message have been removed]

8761. Re: [TS-850_450_690] power cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-08 00:43:11 UTC
From: Lee Nolan
Topic: 8755 Message: 8761

Thanks Dave, I had another ham friend that had one. Lee

--- On Thu, 1/7/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@gmail.com>
Subject: Re: [TS-850_450_690] power cable
To: TS-850_450_690@yahoogroups.com
Date: Thursday, January 7, 2010, 2:25 PM

any HAm radio supply place. or ebay your choice, depends on town you live, or mailing cost...

any kenwood dealer should carry them

----- Original Message -----
From: Lee Nolan
To: TS-850_450_690@ yahoogroups. com
Sent: Thursday, January 07, 2010 2:23 PM
Subject: [TS-850_450_ 690] power cable

Does anyone know where I can get a power cable for the TS450? Lee (WB5UEN)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8762. TS-850 SAT FOR SALE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-08 02:10:14 UTC
From: Jim H
Topic: 8762 Message: 8762

Selling my TS-850

Please see my ad on E.HAM.net and QTH.net

73 to all

K7AYO
Jim Horn
Vancouver, WA

8763. controls

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-08 20:54:58 UTC
From: Lee Nolan
Topic: 8763 Message: 8763

Does anyone know where I can get a volume/rf gain dual control for a ts450. Lee WB5UEN

[Non-text portions of this message have been removed]

8764. Re: [TS-850_450_690] controls

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-08 21:04:51 UTC
From: Dave ve3wej
Topic: 8763 Message: 8764

are they the same as used in other models.. ts440 maybe. check kenwood parts website.

if they are the same, wa4wip has parts for 430 and 440 models.. ads are usually on qth.com

----- Original Message -----
From: Lee Nolan
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 08, 2010 3:54 PM
Subject: [TS-850_450_690] controls

Does anyone know where I can get a volume/rf gain dual control for a ts450. Lee WB5UEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8765. Re: [TS-850_450_690] controls

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-08 21:16:09 UTC
From: Lee Nolan
Topic: 8763 Message: 8765

I don't know if they are interchangeable or not, I will check on that. Thanks dave. Lee wb5uen

--- On Fri, 1/8/10, Dave ve3wej <ve3wej@...m> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] controls
To: TS-850_450_690@yahoogroups.com
Date: Friday, January 8, 2010, 3:04 PM

are they the same as used in other models.. ts440 maybe. check kenwood parts website.

if they are the same, wa4wip has parts for 430 and 440 models.. ads are usually on qth.com

----- Original Message -----
From: Lee Nolan
To: TS-850_450_690@ yahoogroups. com
Sent: Friday, January 08, 2010 3:54 PM
Subject: [TS-850_450_ 690] controls

Does anyone know where I can get a volume/rf gain dual control for a ts450. Lee WB5UEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8766. Re: TS-850 No TX in Any Mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-09 17:36:26 UTC
From: ah6rr1
Topic: 8695 Message: 8766

Well After replacing the drivers the radio is back up to 100W :-). Thanks again Clif for you input and help your the best. It does take a while to get parts out here in KH6 land so that is why the post today.
73 & Aloha for now
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@...> wrote:
>
> Well Clif I made a mistake I only getting .150V on the Base and 1.5 on the collector of the finals so maybe the finals are still OK because thats a 10X gain, both the drivers are showing a short between the base an collectors I have ordered some drivers but the good thing is I have 4 finals that I removed from a chicken band amplifier that are good so that will save him some money. Thanks again for you knowledge and help your the best.
> 73
> Roland AH6RR
>
> [Non-text portions of this message have been removed]
>

8767. EasyPal &TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 13:53:15 UTC
From: WD8MBE
Topic: 8767 Message: 8767

I am trying to setup EasyPal using my TS-850S. However, I need the command codes(strings) for PTT On and PTT Off.

If anyone can help, I would greatly appreciate it.

73s,Tom,WD8MBE

8768. mod for breaking out the IF output on the TS-450???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 03:09:49 UTC
From: flogger426
Topic: 8768 Message: 8768

would anyone know what the IF frequency is on the ts-450? and is there an easy mod that would allow me to access it so i can connect a panadapter? specifically i would like to connect an sdr-iq to the IF Out for panadapter use. thanks!

john

8769. Re: [TS-850_450_690] EasyPal &TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 18:01:59 UTC
From: Dave ve3wej
Topic: 8767 Message: 8769

why..... just set the correct com port for your device....

how are you interfaced... if no ptt line, then use the vox on the radio..... audio will automatically key the rig

there is a manual supplement for the 850, if you need that , let me know

----- Original Message -----
From: WD8MBE
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 8:53 AM
Subject: [TS-850_450_690] EasyPal &TS-850S

I am trying to setup EasyPal using my TS-850S. However, I need the command codes(strings) for PTT On and PTT Off.

If anyone can help, I would greatly appreciate it.

73s,Tom,WD8MBE

[Non-text portions of this message have been removed]

8770. Connecting TS850 to Computer and Linear

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 18:09:54 UTC
From: marioeaviles
Topic: 8770 Message: 8770

Hi Group:

I have a TS850, DSP 100, DX LAb logging program and Expert 1K-FA Linear which I would like to connect together. Has someone the same setup? My plan is to set up an interface between radio and computer and intercept the proper lines to connect the RS232 on the linear. Any suggestion on a home made radio interface cable?

Thanks for your help

Mario/YS1MAE

8771. ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 18:44:44 UTC
From: rupert walford
Topic: 8273 Message: 8771

Would like to no if there is a hard reset for the 850,any help on this would be appreciated.
Rupert
6y5rw

[Non-text portions of this message have been removed]

8772. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 19:01:58 UTC
From: Dave ve3wej
Topic: 8273 Message: 8772

in the manual, i beleive hold the a=b button while powering up the radio...

why do you need a reset....

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 1:44 PM
Subject: [TS-850_450_690] ts850

Would like to no if there is a hard reset for the 850,any help on this would be appreciated.
Rupert
6y5rw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8773. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 19:10:42 UTC
From: rupert walford
Topic: 8273 Message: 8773

the display does not come up radio was working ok when turned off last evening

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 2:01 PM
Subject: Re: [TS-850_450_690] ts850

in the manual, i beleive hold the a=b button while powering up the radio...

why do you need a reset....

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 1:44 PM
Subject: [TS-850_450_690] ts850

Would like to no if there is a hard reset for the 850,any help on this would be
appreciated.
Rupert
6y5rw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8774. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 19:20:47 UTC
From: Roland AH6RR
Topic: 8273 Message: 8774

Aloha Rupert,
Replace C18 on the display board and check for any bad traces that the old cap might have eaten up.
Roland AH6RR
Been there, Done that and even got the Tee shirt.

[Non-text portions of this message have been removed]

8775. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-10 21:26:12 UTC
From: Dave ve3wej
Topic: 8273 Message: 8775

See, i figured something had to be wrong in order to want a reset, hope Roland answered the problem Rupert...

----- Original Message -----
From: Roland AH6RR
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 2:20 PM
Subject: Re: [TS-850_450_690] ts850

Aloha Rupert,
Replace C18 on the display board and check for any bad traces that the old cap might have eaten up.
Roland AH6RR
Been there, Done that and even got the Tee shirt.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8776. Re: [TS-850_450_690] EasyPal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-11 18:01:48 UTC
From: WD8MBE
Topic: 8776 Message: 8776

I have a Cat cable and homebrew audio cables already hooked up.

EasyPal has the commands for Icom and Yaesu but not for Kenwood. You select the port, in my case Comm 1, but then you have to setup the port and part of the settings is the Command Strings for PTT On and PTT Off. It is the command strings I need so EasyPal will key the Kenwood TS-850s.

I just thought maybe someone knows what the command strings are and could send them to me.

I do not like VOX operation so that is why I am using the Cat Cable.

73s,Tom,WD8MBE

[Non-text portions of this message have been removed]

8777. Re: mod for breaking out the IF output on the TS-450???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-11 18:45:28 UTC
From: rsakabu
Topic: 8768 Message: 8777

If you have the schematics (or if you know where the 8.83 MHz filters sit), you could simply tap into the inputs of the filter. You would probably want to buffer the tap with an FET amp or an FET transistor so that it doesn't load down the RF chain.

I tried tapping the 8.83MHz for the SM-220 on both a TS-450 and an R-4000 using just the tip of the RCA plug that plugs into the SM220 (just as an experiment, I already have a TS-830 and 850). It worked fine with the exeption of reducing the signal a bit. That's why I recommend the buffer.

--- In TS-850_450_690@yahoogroups.com, "flogger426" <flogger426@...> wrote:
>
> would anyone know what the IF frequency is on the ts-450? and is there an easy mod that would allow me to access it so i can connect a panadapter? specifically i would like to connect an sdr-iq to the IF Out for panadapter use. thanks!
>
> john
>

8778. Re: [TS-850_450_690] Re: mod for breaking out the IF output on the TS-450???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-11 19:04:00 UTC
From: Zack Widup
Topic: 8768 Message: 8778

I have a TS-850 but not a TS-450. The TS-850 has an output jack on the back with the 8.83 MHz IF. Too bad the 450 doesn't have that.

73, Zack W9SZ

On Mon, Jan 11, 2010 at 12:45 PM, rsakabu <rsakabu@...> wrote:

>
>
> If you have the schematics (or if you know where the 8.83 MHz filters sit),
> you could simply tap into the inputs of the filter. You would probably want
> to buffer the tap with an FET amp or an FET transistor so that it doesn't
> load down the RF chain.
>
> I tried tapping the 8.83MHz for the SM-220 on both a TS-450 and an R-4000
> using just the tip of the RCA plug that plugs into the SM220 (just as an
> experiment, I already have a TS-830 and 850). It worked fine with the
> exeption of reducing the signal a bit. That's why I recommend the buffer.
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "flogger426" <flogger426@...> wrote:
> >
> > would anyone know what the IF frequency is on the ts-450? and is there an
> easy mod that would allow me to access it so i can connect a panadapter?
> specifically i would like to connect an sdr-iq to the IF Out for panadapter
> use. thanks!
> >
> > john
> >
>
>
>

[Non-text portions of this message have been removed]

8779. Re: [TS-850_450_690] EasyPal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-11 20:21:35 UTC
From: Dave ve3wej
Topic: 8776 Message: 8779

not sure what you need other than rts and dtr??? must be on. never used the command string, and I have easypal on my 850. maybe I could send you my INI file for easypal

4800,8,n,2 standard for kenwood and in the if232c manual i beleive

and rts and dts on (i think)

----- Original Message -----
From: WD8MBE
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 1:01 PM
Subject: Re: [TS-850_450_690] EasyPal

I have a Cat cable and homebrew audio cables already hooked up.

EasyPal has the commands for Icom and Yaesu but not for Kenwood. You select the port, in my case Comm 1, but then you have to setup the port and part of the settings is the Command Strings for PTT On and PTT Off. It is the command strings I need so EasyPal will key the Kenwood TS-850s.

I just thought maybe someone knows what the command strings are and could send them to me.

I do not like VOX operation so that is why I am using the Cat Cable.

73s,Tom,WD8MBE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8780. Re: [TS-850_450_690] EasyPal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-11 23:34:41 UTC
From: Chuck Goelz
Topic: 8776 Message: 8780

Tom,

Can't say for sure regarding the 850, but my 440 and 450 accept "TX;" for PTT ON, and "RX;" for PTT off.

Hope that helps...

Chuck WA3CEJ
----- Original Message -----
From: WD8MBE
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 1:01 PM
Subject: Re: [TS-850_450_690] EasyPal

I have a Cat cable and homebrew audio cables already hooked up.

EasyPal has the commands for Icom and Yaesu but not for Kenwood. You select the port, in my case Comm 1, but then you have to setup the port and part of the settings is the Command Strings for PTT On and PTT Off. It is the command strings I need so EasyPal will key the Kenwood TS-850s.

I just thought maybe someone knows what the command strings are and could send them to me.

I do not like VOX operation so that is why I am using the Cat Cable.

73s,Tom,WD8MBE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8781. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 01:40:43 UTC
From: rupert walford
Topic: 8273 Message: 8781

Hi Dave, thanks for input,checked c18 cap then i remembered it was replaced with a 16 volt cap last year checked tracecs all checked ok,i am of the opinion ic18 maybe the problem,what do you think?

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 4:26 PM
Subject: Re: [TS-850_450_690] ts850

See, i figured something had to be wrong in order to want a reset, hope Roland answered the problem Rupert...

----- Original Message -----
From: Roland AH6RR
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 2:20 PM
Subject: Re: [TS-850_450_690] ts850

Aloha Rupert,
Replace C18 on the display board and check for any bad traces that the old cap might have eaten up.
Roland AH6RR
Been there, Done that and even got the Tee shirt.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8782. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 02:05:40 UTC
From: Dave ve3wej
Topic: 8273 Message: 8782

was the cap replaced a new one?? It could still be a bad one.

recheck solder joints first, I have not heard of the ic being at fault, before...

also check voltages to the display board..

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 8:40 PM
Subject: Re: [TS-850_450_690] ts850

Hi Dave, thanks for input,checked c18 cap then i remembered it was replaced with a 16 volt cap last year checked tracecs all checked ok,i am of the opinion ic18 maybe the problem,what do you think?

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 4:26 PM
Subject: Re: [TS-850_450_690] ts850

See, i figured something had to be wrong in order to want a reset, hope Roland answered the problem Rupert...

----- Original Message -----
From: Roland AH6RR
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 2:20 PM
Subject: Re: [TS-850_450_690] ts850

Aloha Rupert,
Replace C18 on the display board and check for any bad traces that the old cap might have eaten up.
Roland AH6RR
Been there, Done that and even got the Tee shirt.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8783. Re: [TS-850_450_690] EasyPal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 02:08:07 UTC
From: Dave ve3wej
Topic: 8776 Message: 8783

what version of easypal, and maybe you should be asking the software testers. check out kb4yz website, several links to easypal from there and kc1cs...

It sounds more like a software setting problem than 850 problem

also will depend on what version you are trying to set up. If I can help furthur, email off group.. ve3wej@...

----- Original Message -----
From: WD8MBE
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 1:01 PM
Subject: Re: [TS-850_450_690] EasyPal

I have a Cat cable and homebrew audio cables already hooked up.

EasyPal has the commands for Icom and Yaesu but not for Kenwood. You select the port, in my case Comm 1, but then you have to setup the port and part of the settings is the Command Strings for PTT On and PTT Off. It is the command strings I need so EasyPal will key the Kenwood TS-850s.

I just thought maybe someone knows what the command strings are and could send them to me.

I do not like VOX operation so that is why I am using the Cat Cable.

73s,Tom,WD8MBE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8784. Re: mod for breaking out the IF output on the TS-450???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 05:01:48 UTC
From: Bryan
Topic: 8768 Message: 8784

Hi John,

I did a similar modification for my TS120S, and later, TS130S) rigs. The TS450S is a triple-conversion design. For the Panadapter to work, you neeed to connect it ahead of any significant selectivity. This would be ahead of the 2nd IF filter (8.83 MHz). Any Roofing Filter in the 1st IF (73.05 MHz) will limit the bandwidth you'll see out of the 2nd IF.

The 450 manual shows no IF output but there are unused pins on the ACC2 connector (pins 1, 6, and 7). You would pick up the output of the 2nd Mixer (Q26, Q27) on the RF Unit (X44-3130-00). The secondary of the 2nd Mixer output transformer (L72) looks like a good point, as it appear to be a low impedance point.

You'll want to do two things:
1) provide adequate signal level & provide a Lo-Z source to the Panadapter
2) minimize loading of the IF signal.

I did this in my rigs by building a simple buffer amplifier. I used a 2N2222/2N3904 NPN transistor in a common-emitter circuit, mounted "dead bug style" on a scrap of PCB inside the rig near the mixer output. A 2N5179 is a better transistor but I had lotsa 2N3904s on hand. It has about 10dB gain. The circuit is here: http://tinyurl.com/bcp2e4 if you want to clone it. I used miniature coax cable (RG-174/U) to pass the signal thru one of the unused pins on the Accessory connector.

vy 73,
Bryan WA7PRC

flogger426 wrote:
>
> would anyone know what the IF frequency is on the ts-450? and is there an easy mod that would allow me to access it so i can connect a panadapter? specifically i would like to connect an sdr-iq to the IF Out for panadapter use. thanks!
>
> john

8785. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 15:46:18 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8785

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /NX7U Filter Measurements/CollageCWa.png
Uploaded by : nx7u <nx7u@...>
Description : REVISED audio passband vs IF filter CW

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/NX7U%20Filter%20Measurements/CollageCWa
.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

nx7u <nx7u@...>

8786. More: Odd IF Filter Behaviour in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 15:56:54 UTC
From: nx7u
Topic: 8786 Message: 8786

First, an apology as I made a mistake in the spectrograms I uploaded earlier. The CW passbands have been updated...the 1k8-2k7 and 2k7-500 cases were wrong. Somehow I got mixed up in cut-and-paste!

Now it looks to me that the 8.83/2.7k filter isn't being completely switched out of the IF signal path when an optional filter is selected.

I ran the following test: I removed the optional filters, but didn't change S501. I verified that the rig "thought" the filters were still there by checking the switching voltage on the optional filter header pins. When the (non-existent) optional filter was selected, there was still a significant passband of noise present, about 10 dB down. In fact, it looks a *lot* like the part of the AF passband that is still present in the 500_2k7 spectrograms, outside the 500 Hz nominal filter bandwidth...in other words, the part that made me think there was a problem to begin with.

I'm not entirely sure if this is a definitive test, as some AF power would be generated with no IF present (open circuit in 8.83 IF, like I was trying to create). But I kinda doubt it would be that much AF power. With only 10 dB added insertion loss, I'd be able to RX on the low bands with no problem (and TX if I opted to bypass IF filters on TX). I'd be oblivious to the absence of a signal path.

Can anyone duplicate this result?

8787. A Question: On 8.83 MHz IF filters in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 16:21:16 UTC
From: nx7u
Topic: 8787 Message: 8787

Something I noticed when poking around with my 8.83 MHz IF filter problem:

"Optional Filter 1" position, which is silkscreened on my RF Unit PCB as "CN-1" and annotated in my Service Manual schematic as "YK88CN1", has a 22 pF shunt cap on the RX input side of the filter. I verified that the "270" annunciator on the front panel corresponds to this position.

"Optional Filter 2" has no shunt caps. My RF Unit PCB is silkscreened "CN" and the schematic annotated "YK88C1". I verified that the "500" annunciator on the front panel corresponds to this position.

The Service Manual makes no mention of an SSB filter (pg. 12, "IF filter selection").

The Operating Manual (under Filter Installation) shows to put CN-1 in the CN-1 spot, and C-1 in the C-1 spot (so far, so good). But I'm curious as to how the SN-1 filter can go in either spot...especially with that additional 22 pF shunt cap in the CN-1 position.

I haven't swapped my filter positions to check, since I'm not sure my filter switching is working correctly right now.

Can anyone shed some light on this?

It would seem (from the Service Manual, at least) that the design intent of the 8.83 IF was two CW filters. Maybe the "Slope Tune" was really meant to make up for this by allowing you to narrow the passband selectively in the 2.7k-2.7k filter lineup.

8788. Re: A Question: On 8.83 MHz IF filters in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 17:28:40 UTC
From: avvidclif
Topic: 8787 Message: 8788

While goofing off instead of working I downloaded the software you are using. It seems very good albeit complicated for my simple mind.

Several things I noted.

The filters don't give a true picture of what they are doing when compared against the noise floor. A swept signal into the radio gives much truer picture. I'm trying to refine the setup to give decent images. The pictures you show have a 30dB range on the filtering while with a swept source it is over 60dB.

I'll post a picture for grins showing a -121dBm signal poking out of the top of the filter traces set at 2.7 both sides. The signal peak is about 32 dB above the noise. Another image shows a -137dBm signal same setup which as you would expect is ~16dB above the filter noise floor.

Don't look like I'll get much done today due to playing.

Clif

--- In TS-850_450_690@yahoogroups.com, "nx7u" <nx7u@...> wrote:
>
> Something I noticed when poking around with my 8.83 MHz IF filter problem:
>
> "Optional Filter 1" position, which is silkscreened on my RF Unit PCB as "CN-1" and annotated in my Service Manual schematic as "YK88CN1", has a 22 pF shunt cap on the RX input side of the filter. I verified that the "270" annunciator on the front panel corresponds to this position.
>
> "Optional Filter 2" has no shunt caps. My RF Unit PCB is silkscreened "CN" and the schematic annotated "YK88C1". I verified that the "500" annunciator on the front panel corresponds to this position.
>
> The Service Manual makes no mention of an SSB filter (pg. 12, "IF filter selection").
>
> The Operating Manual (under Filter Installation) shows to put CN-1 in the CN-1 spot, and C-1 in the C-1 spot (so far, so good). But I'm curious as to how the SN-1 filter can go in either spot...especially with that additional 22 pF shunt cap in the CN-1 position.
>
> I haven't swapped my filter positions to check, since I'm not sure my filter switching is working correctly right now.
>
> Can anyone shed some light on this?
>
> It would seem (from the Service Manual, at least) that the design intent of the 8.83 IF was two CW filters. Maybe the "Slope Tune" was really meant to make up for this by allowing you to narrow the passband selectively in the 2.7k-2.7k filter lineup.

>

8789. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 17:36:24 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8789

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /850 Filters/capt1001121115.jpg
Uploaded by : avvidclif <clif@...>
Description : 2.7 filters w/single source @ -137dBm

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/850%20Filters/capt1001121115.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

avvidclif <clif@...>

8790. Anybody know the OEM source for the rear panel DIN connector and their mates?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 17:57:59 UTC
From: w8nf
Topic: 8790 Message: 8790

I have a need to get small industrial qty of, in particular, the 13 pin DIN female on the rear panel, and the mating 13 pin male.

Thanks in advance and 73,

Dave W8NF

8791. Re: A Question: On 8.83 MHz IF filters in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 18:13:51 UTC
From: Roland AH6RR
Topic: 8791 Message: 8791

I also have been doing the same Clif but I need to find the best setup for the software to show a better range of the graph. As it is now it only shows a narrow vertical range. I want to see how my 850 fare's with the Inrad Roofing filter and the Inrad 2.1kHZ filters in both IF's. So if NX7U could let us know how the Software is setup for the Graph display that would be helpful.
Thanks
Roland AH6RR

[Non-text portions of this message have been removed]

8792. Re: [TS-850_450_690] Anybody know the OEM source for the rear panel DIN connector and their mates?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 20:16:19 UTC
From: Dave ve3wej
Topic: 8790 Message: 8792

i dont know about industrial supplier, but any ham radio store should have the 13 pin din plugs, ask if they will discount for quantity

r and l in Hamilton ohio is close to you...

www.randl.com

----- Original Message -----
From: w8nf
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 12, 2010 12:57 PM
Subject: [TS-850_450_690] Anybody know the OEM source for the rear panel DIN connector and their mates?

I have a need to get small industrial qty of, in particular, the 13 pin DIN female on the rear panel, and the mating 13 pin male.

Thanks in advance and 73,

Dave W8NF

[Non-text portions of this message have been removed]

8793. Re: [TS-850_450_690] Anybody know the OEM source for the rear panel DIN connector and their mates?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 20:27:04 UTC
From: aborg
Topic: 8790 Message: 8793

Try Mouser and Buxcomm

Mike-KK4MS

a_borg@...

--- On Tue, 1/12/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] Anybody know the OEM source for the rear panel DIN connector and their mates?
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, January 12, 2010, 3:16 PM

i dont know about industrial supplier, but any ham radio store should have the 13 pin din plugs, ask if they will discount for quantity

r and l in Hamilton ohio is close to you...

www.randl.com

----- Original Message -----

From: w8nf

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, January 12, 2010 12:57 PM

Subject: [TS-850_450_ 690] Anybody know the OEM source for the rear panel DIN connector and their mates?

I have a need to get small industrial qty of, in particular, the 13 pin DIN female on the rear panel, and the mating 13 pin male.

Thanks in advance and 73,

Dave W8NF

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8794. Re: A Question: On 8.83 MHz IF filters in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 20:31:19 UTC
From: nx7u
Topic: 8791 Message: 8794

I didn't do much special to make it happen.
Like Clif mentioned, Spectrum Lab is Very Flexible which equals Very Complicated. More than once I ended up with something completely FUBAR that I couldn't back my way out of, and had to quit/restart.

--- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@...> wrote:
>
> I also have been doing the same Clif but I need to find the best setup for the software to show a better range of the graph. As it is now it only shows a narrow vertical range. I want to see how my 850 fare's with the Inrad Roofing filter and the Inrad 2.1kHZ filters in both IF's. So if NX7U could let us know how the Software is setup for the Graph display that would be helpful.
> Thanks
> Roland AH6RR
>
> [Non-text portions of this message have been removed]
>

8795. Re: A Question: On 8.83 MHz IF filters in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 20:33:12 UTC
From: nx7u
Topic: 8787 Message: 8795

Hm, I wonder if this is the rub.
I'll pursue this as well after returning home from the Salt Mine.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:

>
> The filters don't give a true picture of what they are doing when compared against the noise floor. A swept signal into the radio gives much truer picture. I'm trying to refine the setup to give decent images. The pictures you show have a 30dB range on the filtering while with a swept source it is over 60dB.
>

8796. Re: A Question: On 8.83 MHz IF filters in TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 21:16:28 UTC
From: avvidclif
Topic: 8791 Message: 8796

One thing I did notice is that you can save and export your setup. Which means we could all be using the same setup to compare notes. That would be very helpful.

What I'm looking at is I have access to all of the Kenwood HF rigs (at one time or another) and can do a comparison. That could be fun. The variable could be in the quality of the sound cards used by each. Now if you could standardize that!!!!

If either finds a setup you like share it.

Clif

--- In TS-850_450_690@yahoogroups.com, "nx7u" <nx7u@...> wrote:
>
> I didn't do much special to make it happen.
> Like Clif mentioned, Spectrum Lab is Very Flexible which equals Very Complicated. More than once I ended up with something completely FUBAR that I couldn't back my way out of, and had to quit/restart.
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Roland AH6RR" <Toesonnose@> wrote:
> >
> > I also have been doing the same Clif but I need to find the best setup for the software to show a better range of the graph. As it is now it only shows a narrow vertical range. I want to see how my 850 fare's with the Inrad Roofing filter and the Inrad 2.1kHZ filters in both IF's. So if NX7U could let us know how the Software is setup for the Graph display that would be helpful.
> > Thanks
> > Roland AH6RR
> >
> > [Non-text portions of this message have been removed]
> >
>

8797. Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-12 21:05:43 UTC
From: Alexandr Kobranov
Topic: 8797 Message: 8797

Friends,
just a day before installation of INRAD roofing filter u/g to my old TS-850 (yes, I want to keep this radio :-)) I discovered that after switchin on the RX is totally deaf.
After some tests it was recognized that this problem is related to filter selection.
I have complete set with all optional filters (8.83 - 400 and 270Hz, 455 - 500Hz).
When I select any 500 or 400 or 270Hz filter, the audio gone and RX is deaf completely (not only attenuated but really deaf). Just after selecting let say 2.7 - 2.7 combination it is alive. And all wider filters the same - RX is OK.
As this is related to both channels (8.83 and 455) I do not believe it is something about diodes or swithing voltages.
This is band-independent, tested on several bands. CW/SSB also the same.

Can be some problem with CAR unit? PLL loop problem?
What to check at first?
Any experience anywhere?

Sorry if this was dicussed before, not able to find now, email me direcly in such case with some referrence.
Hope to resolve this :-(

Thanks for any advice,

73!
Lexa, ok1dst

8798. Re: Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 00:18:18 UTC
From: ah6rr1
Topic: 8797 Message: 8798

Lexa if you followed the installation papers that came with the filter that could be the problem they have the jumpers in the wrong connections try to swtich the small coax jumpers. I had the same problem when I did mine many months ago. The install directions on thier website is correct but the papers they send out is wrong.
Hope this helps.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov <kobranov@...> wrote:
>
> Friends,
> just a day before installation of INRAD roofing filter u/g to my old
> TS-850 (yes, I want to keep this radio :-)) I discovered that after
> switchin on the RX is totally deaf.
> After some tests it was recognized that this problem is related to
> filter selection.
> I have complete set with all optional filters (8.83 - 400 and 270Hz,
> 455 - 500Hz).
> When I select any 500 or 400 or 270Hz filter, the audio gone and RX is
> deaf completely (not only attenuated but really deaf). Just after
> selecting let say 2.7 - 2.7 combination it is alive. And all wider
> filters the same - RX is OK.
> As this is related to both channels (8.83 and 455) I do not believe it
> is something about diodes or swithing voltages.
> This is band-independent, tested on several bands. CW/SSB also the same.
>
> Can be some problem with CAR unit? PLL loop problem?
> What to check at first?
> Any experience anywhere?
>
> Sorry if this was dicussed before, not able to find now, email me
> direcly in such case with some referrence.
> Hope to resolve this :-(
>
> Thanks for any advice,
>
> 73!
> Lexa, ok1dst
>

8799. Re: [TS-850_450_690] Re: Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 00:50:55 UTC
From: Alexandr Kobranov
Topic: 8797 Message: 8799

Hi Roland,

maybe it was not clear from my message but all this works for a long
time ok. Last Stew Perry Contest on Top band I spent wit 270Hz filter
mostly.
One additional experience - during fast cycling of filters there is
some signal on narrow setting but only for a second or so then
dissapear. Simply there is some problem which was not before for sure.
Mechanical checking of filters already done - all seems to be ok, no
visible changes, radio was sitting for one year on the same place...
Hope somebody can put some other idea..

Thanks anyway!

73!
GL
Lexa, ok1dst

Dne 13.1.2010 1:18, ah6rr1 napsal(a):
> Lexa if you followed the installation papers that came with the filter that could be the problem they have the jumpers in the wrong connections try to swtich the small coax jumpers. I had the same problem when I did mine many months ago. The install directions on thier website is correct but the papers they send out is wrong.
> Hope this helps.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@...> wrote:
>>
>> Friends,
>> just a day before installation of INRAD roofing filter u/g to my old
>> TS-850 (yes, I want to keep this radio :-)) I discovered that after
>> switchin on the RX is totally deaf.
>> After some tests it was recognized that this problem is related to
>> filter selection.
>> I have complete set with all optional filters (8.83 - 400 and 270Hz,
>> 455 - 500Hz).
>> When I select any 500 or 400 or 270Hz filter, the audio gone and RX is
>> deaf completely (not only attenuated but really deaf). Just after
>> selecting let say 2.7 - 2.7 combination it is alive. And all wider
>> filters the same - RX is OK.
>> As this is related to both channels (8.83 and 455) I do not believe it
>> is something about diodes or swithing voltages.
>> This is band-independent, tested on several bands. CW/SSB also the same.
>>
>> Can be some problem with CAR unit? PLL loop problem?
>> What to check at first?

>> Any experience anywhere?
>>
>> Sorry if this was dicussed before, not able to find now, email me
>> direcly in such case with some referrence.
>> Hope to resolve this :-(
>>
>> Thanks for any advice,
>>
>> 73!
>> Lexa, ok1dst
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8800. Re: Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 01:18:50 UTC
From: avvidclif
Topic: 8797 Message: 8800

Ok look at it logically.

The radio is working perfect.
An additional filter is installed and it doesn't work.

Try uninstalling the new filter and see what happens. You probably have a solder blob on the circuit board you missed or a fine piece of wire that is shorting something.

The problem has to do with the new filter installation.

Clif

--- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov <kobranov@...> wrote:
>
> Hi Roland,
>
> maybe it was not clear from my message but all this works for a long
> time ok. Last Stew Perry Contest on Top band I spent wit 270Hz filter
> mostly.
> One additional experience - during fast cycling of filters there is
> some signal on narrow setting but only for a second or so then
> dissapear. Simply there is some problem which was not before for sure.
> Mechanical checking of filters already done - all seems to be ok, no
> visible changes, radio was sitting for one year on the same place...
> Hope somebody can put some other idea..
>
> Thanks anyway!
>
> 73!
> GL
> Lexa, ok1dst
>
>
> Dne 13.1.2010 1:18, ah6rr1 napsal(a):
> > Lexa if you followed the installation papers that came with the filter that could be the problem they have the jumpers in the wrong connections try to swtich the small coax jumpers. I had the same problem when I did mine many months ago. The install directions on thier website is correct but the papers they send out is wrong.
> > Hope this helps.
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@> wrote:
> >>
> >> Friends,
> >> just a day before installation of INRAD roofing filter u/g to my old
> >> TS-850 (yes, I want to keep this radio :-)) I discovered that after

> >> switchin on the RX is totally deaf.
> >> After some tests it was recognized that this problem is related to
> >> filter selection.
> >> I have complete set with all optional filters (8.83 - 400 and 270Hz,
> >> 455 - 500Hz).
> >> When I select any 500 or 400 or 270Hz filter, the audio gone and RX is
> >> deaf completely (not only attenuated but really deaf). Just after
> >> selecting let say 2.7 - 2.7 combination it is alive. And all wider
> >> filters the same - RX is OK.
> >> As this is related to both channels (8.83 and 455) I do not believe it
> >> is something about diodes or swithing voltages.
> >> This is band-independent, tested on several bands. CW/SSB also the same.
> >>
> >> Can be some problem with CAR unit? PLL loop problem?
> >> What to check at first?
> >> Any experience anywhere?
> >>
> >> Sorry if this was dicussed before, not able to find now, email me
> >> direcly in such case with some referrence.
> >> Hope to resolve this :-(
> >>
> >> Thanks for any advice,
> >>
> >> 73!
> >> Lexa, ok1dst
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

8801. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 02:09:11 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 8801

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /NX7U Filter Measurements/CW_Collage.png
Uploaded by : nx7u <nx7u@...>
Description : TS-850 CW mode filter passbands

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/NX7U%20Filter%20Measurements/CW_Collage.png

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

nx7u <nx7u@...>

8802. Round 3: 8.83 MHz IF filters in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 02:49:47 UTC
From: nx7u
Topic: 8802 Message: 8802

Clif (and the rest),
You were correct, having an RF signal sweep across the RX passband (rather than relying only on noise output) is the way to go. I should have known that...it's basically a system noise figure problem...the soundcard needs to be "externally noise limited" and it wasn't.

I have updated my filter screenshots to the Files section. And I have included the .ini settings file exported from Spectrum Lab so that others can duplicate my analyzer setup.

As to the new measurement: what I did was set Spectrum Lab to record "peak holding graph", which is on the very first options tab "Spectrum (1)". I set the holding time to 300 seconds. Then, for a "swept" RF source, I used an IFR1500 Service Monitor. The RF carrier frequency is PLL-controlled and the smallest step is 100 Hz, which is too big for "dragging" a CW signal across the passband, even at peak-hold. So I set the IFR in AM mode, 100% modulation, and set the carrier below the display frequency of the TS-850. Then I just varied the modulating tone frequency in AM mode. I could change the mod tone in 1 Hz increments, but used 10 Hz and digitally swept the sideband about 30 Hz/second while running Spectrum Lab in peak-hold. That way I got a fairly easy to distinguish passband shape.

Now the graphs have 60 dB dynamic range. Also you can see there are no *major* problems, like I originally feared. But there are still some oddities.
1) the center frequency of the 500 Hz filters together in USB are not the same...they're off by about 250 Hz. So the resultant 500-500 bandwidth is quite narrow. This would make PSK31 a bit interesting.
2) the passband of the YK-88SN-1 is a bit strange (to me). It looks too narrow in CW mode (quite a bit narrower than 1.8 kHz) and displaced too high in SSB mode...cutting off too much bass response and leaving too much treble.

Next I think I'll try swapping the filter positions and see what that does, just for fun. Since there's that extra 22 pF cap on one position.

8803. Re: Anybody know the OEM source for the rear panel DIN connector and their mates?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 05:41:32 UTC
From: Bryan
Topic: 8790 Message: 8803

Dave,

Digi-Key has...

Description: CONN CIRCULAR DIN 13POS MALE
Mfr: CUI
Mfr PN: SD-130
Stock number CP-1013-ND
Ea: $1.98(1-9)

Description: CONN DIN 13POS FEMALE PCB
Mfr: CUI
Mfr PN: SDD-130J
Stock Number: CP-2313-ND
Ea: $2.85 (1-9)

Description: CONN DIN 13POS FEMALE SHIELD PCB
Mfr: CUI
Mfr PN: SDF-130J
Stock Number: CP-3313-ND
Ea: $2.97 (1-9)

73,
Bryan WA7PRC

W8NF wrote:
>
> I have a need to get small industrial qty of, in particular, the 13 pin DIN female on the rear panel, and the mating 13 pin male.
>
> Thanks in advance and 73,
>
> Dave W8NF

8804. Re: [TS-850_450_690] Re: Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 08:59:13 UTC
From: Alexandr Kobranov
Topic: 8797 Message: 8804

Hi Clif,

maybe I have two problems now - the first is a deaf radio with narrow filters and second one with exact explanation of my situation :-)

So let´s recapitulate:

1) TS-850 is in the same configuaration as a year(-s) before when run perfectly.

2) Last QSO some days before on 3.5 or 10MHz, then switched off

3) After switching on - no signal, deaf with any narrow filter.

4) With any wider combination (2,7 - 2,7 etc.) there is normal audio out corresponding to band conditions, antenna OK, TX OK (power and SWR)

5) When cycling filters there is short signal output in narrow mode but only for second or less, then deaf completely.

6) This is band and mode (CW/SSB) independent

7) Just after this experience unit was opened and all around filters was mechanically checked - no problem discovered

So no filters added, no configuration changes, only swithing on previously running machine... and deaf with narrow filters.

Yes, there is intention to add INRAD roofing filter mod but NOT PERFORMED yet.

Maybe I missed something and being stupid but it will be better case then fasulty radio ;-)

Any idea what to check?

Thanks for any input,

73!

Lexa, Ok1dst

Dne 13.1.2010 2:18, avvidclif napsal(a):
> Ok look at it logically.
>
> The radio is working perfect.
> An additional filter is installed and it doesn't work.
>
> Try uninstalling the new filter and see what happens. You probably have a solder blob on

the circuit board you missed or a fine piece of wire that is shorting something.
>
> The problem has to do with the new filter installation.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@...> wrote:
>>
>> Hi Roland,
>>
>> maybe it was not clear from my message but all this works for a long
>> time ok. Last Stew Perry Contest on Top band I spent wit 270Hz filter
>> mostly.
>> One additional experience - during fast cycling of filters there is
>> some signal on narrow setting but only for a second or so then
>> dissapear. Simply there is some problem which was not before for sure.
>> Mechanical checking of filters already done - all seems to be ok, no
>> visible changes, radio was sitting for one year on the same place...
>> Hope somebody can put some other idea..
>>
>> Thanks anyway!
>>
>> 73!
>> GL
>> Lexa, ok1dst
>>
>>
>> Dne 13.1.2010 1:18, ah6rr1 napsal(a):
>>> Lexa if you followed the installation papers that came with the filter that could be
the problem they have the jumpers in the wrong connections try to swtich the small coax
jumpers. I had the same problem when I did mine many months ago. The install directions on
thier website is correct but the papers they send out is wrong.
>>> Hope this helps.
>>> Roland AH6RR
>>>
>>> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@> wrote:
>>>>
>>>> Friends,
>>>> just a day before installation of INRAD roofing filter u/g to my old
>>>> TS-850 (yes, I want to keep this radio :-)) I discovered that after
>>>> switchin on the RX is totally deaf.
>>>> After some tests it was recognized that this problem is related to
>>>> filter selection.
>>>> I have complete set with all optional filters (8.83 - 400 and 270Hz,
>>>> 455 - 500Hz).
>>>> When I select any 500 or 400 or 270Hz filter, the audio gone and RX is
>>>> deaf completely (not only attenuated but really deaf). Just after
>>>> selecting let say 2.7 - 2.7 combination it is alive. And all wider
>>>> filters the same - RX is OK.
>>>> As this is related to both channels (8.83 and 455) I do not believe it
>>>> is something about diodes or swithing voltages.

>>>> This is band-independent, tested on several bands. CW/SSB also the same.
>>>>
>>>> Can be some problem with CAR unit? PLL loop problem?
>>>> What to check at first?
>>>> Any experience anywhere?
>>>>
>>>> Sorry if this was dicussed before, not able to find now, email me
>>>> direcly in such case with some referrence.
>>>> Hope to resolve this :-(
>>>>
>>>> Thanks for any advice,
>>>>
>>>> 73!
>>>> Lexa, ok1dst
>>>>
>>>
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>>
>>>
>>>
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8805. Re: Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 13:51:27 UTC
From: avvidclif
Topic: 8797 Message: 8805

Ok, I missed the phrase "Just before installing"

Have you done a reset of the microprocessor?

After that I'm scratching my head...

Clif

--- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov <kobranov@...> wrote:
>
> Hi Clif,
>
> maybe I have two problems now - the first is a deaf radio with narrow
> filters and second one with exact explanation of my situation :-)
>
> So let´s recapitulate:
>
> 1) TS-850 is in the same configuaration as a year(-s) before when run
> perfectly.
>
> 2) Last QSO some days before on 3.5 or 10MHz, then switched off
>
> 3) After switching on - no signal, deaf with any narrow filter.
>
> 4) With any wider combination (2,7 - 2,7 etc.) there is normal audio
> out corresponding to band conditions, antenna OK, TX OK (power and SWR)
>
> 5) When cycling filters there is short signal output in narrow mode
> but only for second or less, then deaf completely.
>
> 6) This is band and mode (CW/SSB) independent
>
> 7) Just after this experience unit was opened and all around filters
> was mechanically checked - no problem discovered
>
>
> So no filters added, no configuration changes, only swithing on
> previously running machine... and deaf with narrow filters.
>
> Yes, there is intention to add INRAD roofing filter mod but NOT
> PERFORMED yet.
>
> Maybe I missed something and being stupid but it will be better case
> then fasulty radio ;-)
>
> Any idea what to check?

>
> Thanks for any input,
>
> 73!
>
> Lexa, Ok1dst
>
>
>
>
> Dne 13.1.2010 2:18, avvidclif napsal(a):
> > Ok look at it logically.
> >
> > The radio is working perfect.
> > An additional filter is installed and it doesn't work.
> >
> > Try uninstalling the new filter and see what happens. You probably have a solder blob on the circuit board you missed or a fine piece of wire that is shorting something.
> >
> > The problem has to do with the new filter installation.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@> wrote:
> >>
> >> Hi Roland,
> >>
> >> maybe it was not clear from my message but all this works for a long
> >> time ok. Last Stew Perry Contest on Top band I spent wit 270Hz filter
> >> mostly.
> >> One additional experience - during fast cycling of filters there is
> >> some signal on narrow setting but only for a second or so then
> >> dissapear. Simply there is some problem which was not before for sure.
> >> Mechanical checking of filters already done - all seems to be ok, no
> >> visible changes, radio was sitting for one year on the same place...
> >> Hope somebody can put some other idea..
> >>
> >> Thanks anyway!
> >>
> >> 73!
> >> GL
> >> Lexa, ok1dst
> >>
> >>
> >> Dne 13.1.2010 1:18, ah6rr1 napsal(a):
> >>> Lexa if you followed the installation papers that came with the filter that could be the problem they have the jumpers in the wrong connections try to swtich the small coax jumpers. I had the same problem when I did mine many months ago. The install directions on thier website is correct but the papers they send out is wrong.
> >>> Hope this helps.

> >>> Roland AH6RR
> >>>
> >>> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@> wrote:
> >>>>
> >>>> Friends,
> >>>> just a day before installation of INRAD roofing filter u/g to my old
> >>>> TS-850 (yes, I want to keep this radio :-)) I discovered that after
> >>>> switchin on the RX is totally deaf.
> >>>> After some tests it was recognized that this problem is related to
> >>>> filter selection.
> >>>> I have complete set with all optional filters (8.83 - 400 and 270Hz,
> >>>> 455 - 500Hz).
> >>>> When I select any 500 or 400 or 270Hz filter, the audio gone and RX is
> >>>> deaf completely (not only attenuated but really deaf). Just after
> >>>> selecting let say 2.7 - 2.7 combination it is alive. And all wider
> >>>> filters the same - RX is OK.
> >>>> As this is related to both channels (8.83 and 455) I do not believe it
> >>>> is something about diodes or swithing voltages.
> >>>> This is band-independent, tested on several bands. CW/SSB also the same.
> >>>>
> >>>> Can be some problem with CAR unit? PLL loop problem?
> >>>> What to check at first?
> >>>> Any experience anywhere?
> >>>>
> >>>> Sorry if this was dicussed before, not able to find now, email me
> >>>> direcly in such case with some referrence.
> >>>> Hope to resolve this :-(
> >>>>
> >>>> Thanks for any advice,
> >>>>
> >>>> 73!
> >>>> Lexa, ok1dst
> >>>>
> >>>
> >>>
> >>>
> >>>
> >>> ------------------------------------
> >>>
> >>> THANKS FOR USING TS-850_450_690@! Groups Links
> >>>
> >>>
> >>>
> >>
> >
> >
> >
> >
> > ------------------------------------
> >

> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

8806. Re: [TS-850_450_690] Re: Strange RX problem - deaf with some filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 14:18:57 UTC
From: Alexandr Kobranov
Topic: 8797 Message: 8806

Thanks for reply, Clif,

the microprocessor reset is the first what I want to do
(lack of time yesterday and now in QRL, very tough time-tabel :-( )

then I want to check voltages around IC3 TC9174F on RF board
(responsible for filter switching bor both IF´s - as this problem is
with narrow filters in both IF
but seems to be strange that only OUT3, OUT7, OUT9 of this IO will
suffer and the rest will work ok...)

also will make revision of some caps for leakage etc...

I can report after at least first step (system reset).

Any idea more then welcome!

(It´s really a bad-luck as today recieved mentioned package from INRAD
with roofing filter :-( )

Thanks for care,

L. -dst-

Dne 13.1.2010 14:51, avvidclif napsal(a):
> Ok, I missed the phrase "Just before installing"
>
> Have you done a reset of the microprocessor?
>
> After that I'm scratching my head...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@...> wrote:
>>
>> Hi Clif,
>>
>> maybe I have two problems now - the first is a deaf radio with narrow
>> filters and second one with exact explanation of my situation :-)
>>
>> So let´s recapitulate:
>>
>> 1) TS-850 is in the same configuaration as a year(-s) before when run
>> perfectly.
>>
>> 2) Last QSO some days before on 3.5 or 10MHz, then switched off
>>

>> 3) After switching on - no signal, deaf with any narrow filter.
>>
>> 4) With any wider combination (2,7 - 2,7 etc.) there is normal audio
>> out corresponding to band conditions, antenna OK, TX OK (power and SWR)
>>
>> 5) When cycling filters there is short signal output in narrow mode
>> but only for second or less, then deaf completely.
>>
>> 6) This is band and mode (CW/SSB) independent
>>
>> 7) Just after this experience unit was opened and all around filters
>> was mechanically checked - no problem discovered
>>
>>
>> So no filters added, no configuration changes, only swithing on
>> previously running machine... and deaf with narrow filters.
>>
>> Yes, there is intention to add INRAD roofing filter mod but NOT
>> PERFORMED yet.
>>
>> Maybe I missed something and being stupid but it will be better case
>> then fasulty radio ;-)
>>
>> Any idea what to check?
>>
>> Thanks for any input,
>>
>> 73!
>>
>> Lexa, Ok1dst
>>
>>
>>
>>
>> Dne 13.1.2010 2:18, avvidclif napsal(a):
>>> Ok look at it logically.
>>>
>>> The radio is working perfect.
>>> An additional filter is installed and it doesn't work.
>>>
>>> Try uninstalling the new filter and see what happens. You probably have a solder blob
on the circuit board you missed or a fine piece of wire that is shorting something.
>>>
>>> The problem has to do with the new filter installation.
>>>
>>> Clif
>>>
>>> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@> wrote:
>>>>
>>>> Hi Roland,

>>>>
>>>> maybe it was not clear from my message but all this works for a long
>>>> time ok. Last Stew Perry Contest on Top band I spent wit 270Hz filter
>>>> mostly.
>>>> One additional experience - during fast cycling of filters there is
>>>> some signal on narrow setting but only for a second or so then
>>>> dissapear. Simply there is some problem which was not before for sure.
>>>> Mechanical checking of filters already done - all seems to be ok, no
>>>> visible changes, radio was sitting for one year on the same place...
>>>> Hope somebody can put some other idea..
>>>>
>>>> Thanks anyway!
>>>>
>>>> 73!
>>>> GL
>>>> Lexa, ok1dst
>>>>
>>>>
>>>> Dne 13.1.2010 1:18, ah6rr1 napsal(a):
>>>>> Lexa if you followed the installation papers that came with the filter that could be the problem they have the jumpers in the wrong connections try to swtich the small coax jumpers. I had the same problem when I did mine many months ago. The install directions on thier website is correct but the papers they send out is wrong.
>>>>> Hope this helps.
>>>>> Roland AH6RR
>>>>>
>>>>> --- In TS-850_450_690@yahoogroups.com, Alexandr Kobranov<kobranov@> wrote:
>>>>>>
>>>>>> Friends,
>>>>>> just a day before installation of INRAD roofing filter u/g to my old
>>>>>> TS-850 (yes, I want to keep this radio :-)) I discovered that after
>>>>>> switchin on the RX is totally deaf.
>>>>>> After some tests it was recognized that this problem is related to
>>>>>> filter selection.
>>>>>> I have complete set with all optional filters (8.83 - 400 and 270Hz,
>>>>>> 455 - 500Hz).
>>>>>> When I select any 500 or 400 or 270Hz filter, the audio gone and RX is
>>>>>> deaf completely (not only attenuated but really deaf). Just after
>>>>>> selecting let say 2.7 - 2.7 combination it is alive. And all wider
>>>>>> filters the same - RX is OK.
>>>>>> As this is related to both channels (8.83 and 455) I do not believe it
>>>>>> is something about diodes or swithing voltages.
>>>>>> This is band-independent, tested on several bands. CW/SSB also the same.
>>>>>>
>>>>>> Can be some problem with CAR unit? PLL loop problem?
>>>>>> What to check at first?
>>>>>> Any experience anywhere?
>>>>>>
>>>>>> Sorry if this was dicussed before, not able to find now, email me
>>>>>> direcly in such case with some referrence.

>>>>>> Hope to resolve this :-(
>>>>>>
>>>>>> Thanks for any advice,
>>>>>>
>>>>>> 73!
>>>>>> Lexa, ok1dst
>>>>>>
>>>>>
>>>>>
>>>>>
>>>>>
>>>>> ------------------------------------
>>>>>
>>>>> THANKS FOR USING TS-850_450_690@! Groups Links
>>>>>
>>>>>
>>>>>
>>>>
>>>
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>>
>>>
>>>
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8807. PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 22:20:47 UTC
From: carbob35
Topic: 8807 Message: 8807

I was wondering if anyone has used this setup before? I hooked it all up and set it up the way it was described in the propaganda that came with it, and all I get is gibberish when I put the marker on a signal in the waterfall. I am using the Digipan software.

Any info would be greatly appreciated.

Thanks

Rob

8808. Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 23:30:20 UTC
From: avvidclif
Topic: 8807 Message: 8808

If you are seeing the signal on the computer the signalink is doing it's job. Try different software or a different mode.

Clif

--- In TS-850_450_690@yahoogroups.com, "carbob35" <carbob35@...> wrote:
>
> I was wondering if anyone has used this setup before? I hooked it all up and set it up the way it was described in the propaganda that came with it, and all I get is gibberish when I put the marker on a signal in the waterfall. I am using the Digipan software.
>
> Any info would be greatly appreciated.
>
> Thanks
>
> Rob
>

8809. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 23:41:26 UTC
From: Crownhaven
Topic: 8807 Message: 8809

I agree with Clif....I don't have a signal link but the problem is
usually in the software settings. I know this from experience. You will
get it figured out. I am assuming you are NOT familiar with Digipan.

Steve, N4JQQ

avvidclif wrote:
>
> If you are seeing the signal on the computer the signalink is doing
> it's job. Try different software or a different mode.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "carbob35" <carbob35@...>
> wrote:
> >
> > I was wondering if anyone has used this setup before? I hooked it
> all up and set it up the way it was described in the propaganda that
> came with it, and all I get is gibberish when I put the marker on a
> signal in the waterfall. I am using the Digipan software.
> >
> > Any info would be greatly appreciated.
> >
> > Thanks
> >
> > Rob
> >
>
>

8810. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-13 23:42:35 UTC
From: Crownhaven
Topic: 8807 Message: 8810

Did you check the mode to make sure you have the right one checked??????

avvidclif wrote:
>
> If you are seeing the signal on the computer the signalink is doing
> it's job. Try different software or a different mode.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "carbob35" <carbob35@...>
> wrote:
> >
> > I was wondering if anyone has used this setup before? I hooked it
> all up and set it up the way it was described in the propaganda that
> came with it, and all I get is gibberish when I put the marker on a
> signal in the waterfall. I am using the Digipan software.
> >
> > Any info would be greatly appreciated.
> >
> > Thanks
> >
> > Rob
> >
>
>

8811. Re: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-14 00:03:34 UTC
From: Dave ve3wej
Topic: 8807 Message: 8811

make sure the sound card selected in the software is the signal link and not the installed sound card. computer noise can make you think you are receiving audio from the radio

----- Original Message -----
From: carbob35
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 13, 2010 5:20 PM
Subject: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.

I was wondering if anyone has used this setup before? I hooked it all up and set it up the way it was described in the propaganda that came with it, and all I get is gibberish when I put the marker on a signal in the waterfall. I am using the Digipan software.

Any info would be greatly appreciated.

Thanks

Rob

[Non-text portions of this message have been removed]

8812. Re: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-14 00:09:02 UTC
From: Crownhaven
Topic: 8807 Message: 8812

Great tip.

Dave ve3wej wrote:
>
> make sure the sound card selected in the software is the signal link
> and not the installed sound card. computer noise can make you think
> you are receiving audio from the radio
>
> ----- Original Message -----
> From: carbob35
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Wednesday, January 13, 2010 5:20 PM
> Subject: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.
>
> I was wondering if anyone has used this setup before? I hooked it all
> up and set it up the way it was described in the propaganda that came
> with it, and all I get is gibberish when I put the marker on a signal
> in the waterfall. I am using the Digipan software.
>
> Any info would be greatly appreciated.
>
> Thanks
>
> Rob
>
> [Non-text portions of this message have been removed]
>
>

8813. Re: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-14 00:46:11 UTC
From: Roland AH6RR
Topic: 8807 Message: 8813

I use the Signalink USB but not Digipan. Make sure you are getting a good level of receive audio if you have the Signalink going to the ACC2 like I do then you might have to jumper JP2 on the signalink like I did to get a good receive level into the signalink. ACC2 on the 850/450 has a low level audio output. I have been using mine for over a year and love it and it works flawlessly. You might also want to try Ham Radio Deluxe with DM780 it is by far better than Digipan I used Digipan about 4 years ago and did not like it then but that's my opinion.
Good Luck & 73
Roland AH6RR

[Non-text portions of this message have been removed]

8814. RE: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-14 00:51:23 UTC
From: Richard Schmuke
Topic: 8807 Message: 8814

The set up I have is a TS450 , HRD , and the DM780 program in HRD , PSK31, the Signalink worked first time , never had a problem. The only thing to adjust is the jumper in the Signalink and make sure your computer is looking at the Signalink soundcard.

Rich , KDØZZ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of carbob35
Sent: Wednesday, January 13, 2010 4:21 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] PSK31 use with TS-450s, with Signalink USB.

I was wondering if anyone has used this setup before? I hooked it all up and set it up the way it was described in the propaganda that came with it, and all I get is gibberish when I put the marker on a signal in the waterfall. I am using the Digipan software.

Any info would be greatly appreciated.

Thanks

Rob

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.138/2618 - Release Date: 01/13/10 07:35:00

[Non-text portions of this message have been removed]

8815. Parts for TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-15 07:32:37 UTC
From: Patrick Egloff
Topic: 8815 Message: 8815

Hi all,

Is there somewhere a store where parts for the TS850 can be found ?
A friend of mine is looking for buttons, keys, etc....

73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

[Non-text portions of this message have been removed]

8816. Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-17 14:36:46 UTC
From: kc5cqw
Topic: 8807 Message: 8816

Here's a tip: Make sure that the 450 is in Upper Side Band and the software is set to receive in Upper Side Band. Use USB for all digital work.

--- In TS-850_450_690@yahoogroups.com, "carbob35" <carbob35@...> wrote:
>
> I was wondering if anyone has used this setup before? I hooked it all up and set it up the way it was described in the propaganda that came with it, and all I get is gibberish when I put the marker on a signal in the waterfall. I am using the Digipan software.
>
> Any info would be greatly appreciated.
>
> Thanks
>
> Rob
>

8817. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-18 00:35:18 UTC
From: Robert Cove
Topic: 8807 Message: 8817

Thanks for all the assistance, have it working ok now, have made a few contacts, neat setup. Just another facet of the amateur radio hobby!

Thanks and regards

Rob
VO1REC

--- On Sun, 1/17/10, kc5cqw <kc5cqw@...> wrote:

From: kc5cqw <kc5cqw@...>
Subject: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.
To: TS-850_450_690@yahoogroups.com
Received: Sunday, January 17, 2010, 9:36 AM

Here's a tip: Make sure that the 450 is in Upper Side Band and the software is set to receive in Upper Side Band. Use USB for all digital work.

--- In TS-850_450_690@ yahoogroups. com, "carbob35" <carbob35@.. .> wrote:
>
> I was wondering if anyone has used this setup before? I hooked it all up and set it up the way it was described in the propaganda that came with it, and all I get is gibberish when I put the marker on a signal in the waterfall. I am using the Digipan software.
>
> Any info would be greatly appreciated.
>
> Thanks
>
> Rob
>

_____
Connect with friends from any web browser - no download required. Try the new Yahoo! Canada Messenger for the Web BETA at http://ca.messenger.yahoo.com/webmessengerpromo.php

[Non-text portions of this message have been removed]

8818. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-18 01:49:45 UTC
From: rupert walford
Topic: 8273 Message: 8818

checked all the caps and traces all ok,remove d socket for ic18 saw no problem resoldered in the socket having not really repaired anything i reinstalled the display board and by golly the display came up.thanks for the help,i now need the lamp tube for the backlight i do hope it is still avalable.

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 9:05 PM
Subject: Re: [TS-850_450_690] ts850

was the cap replaced a new one?? It could still be a bad one.

recheck solder joints first, I have not heard of the ic being at fault, before...

also check voltages to the display board..

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 8:40 PM
Subject: Re: [TS-850_450_690] ts850

Hi Dave, thanks for input,checked c18 cap then i remembered it was replaced with a 16 volt cap last year checked tracecs all checked ok,i am of the opinion ic18 maybe the problem,what do you think?

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 4:26 PM
Subject: Re: [TS-850_450_690] ts850

See, i figured something had to be wrong in order to want a reset, hope Roland answered the problem Rupert...

----- Original Message -----
From: Roland AH6RR
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 2:20 PM
Subject: Re: [TS-850_450_690] ts850

Aloha Rupert,
Replace C18 on the display board and check for any bad traces that the old cap might have eaten up.
Roland AH6RR
Been there, Done that and even got the Tee shirt.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8819. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-18 12:55:12 UTC
From: Crownhaven
Topic: 8807 Message: 8819

Robert, what was the problem? Was it the jumper?

Robert Cove wrote:
>
> Thanks for all the assistance, have it working ok now, have made a few
> contacts, neat setup. Just another facet of the amateur radio hobby!
>
> Thanks and regards
>
> Rob
> VO1REC
>
> --- On Sun, 1/17/10, kc5cqw <kc5cqw@...
> <mailto:kc5cqw%40excite.com>> wrote:
>
> From: kc5cqw <kc5cqw@... <mailto:kc5cqw%40excite.com>>
> Subject: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Received: Sunday, January 17, 2010, 9:36 AM
>
>
>
> Here's a tip: Make sure that the 450 is in Upper Side Band and the
> software is set to receive in Upper Side Band. Use USB for all digital
> work.
>
> --- In TS-850_450_690@ yahoogroups. com, "carbob35" <carbob35@.. .> wrote:
> >
> > I was wondering if anyone has used this setup before? I hooked it
> all up and set it up the way it was described in the propaganda that
> came with it, and all I get is gibberish when I put the marker on a
> signal in the waterfall. I am using the Digipan software.
> >
> > Any info would be greatly appreciated.
> >
> > Thanks
> >
> > Rob
> >
>
> _____
> Connect with friends from any web browser - no download required. Try
> the new Yahoo! Canada Messenger for the Web BETA at
> http://ca.messenger.yahoo.com/webmessengerpromo.php

> <http://ca.messenger.yahoo.com/webmessengerpromo.php>
>
> [Non-text portions of this message have been removed]
>
>

8821. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-18 21:08:28 UTC
From: Robert Cove
Topic: 8807 Message: 8821

Not usure if there even was one!! I think I tried to set it up on a band that had no strong signal activity. Once I moved it to 20M in the middle of the day, it came alive!! You'll have to excuse me, I've only been licenced since last year, and still fairly new to HF.

Thanks and regards

Rob
VO1REC

--- On Mon, 1/18/10, Crownhaven <crownhaven@...> wrote:

From: Crownhaven <crownhaven@...>
Subject: Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.
To: TS-850_450_690@yahoogroups.com
Received: Monday, January 18, 2010, 9:25 AM

Robert, what was the problem? Was it the jumper?

Robert Cove wrote:
>
> Thanks for all the assistance, have it working ok now, have made a few
> contacts, neat setup. Just another facet of the amateur radio hobby!
>
> Thanks and regards
>
> Rob
> VO1REC
>
> --- On Sun, 1/17/10, kc5cqw <kc5cqw@...
> <mailto:kc5cqw%40excite.com>> wrote:
>
> From: kc5cqw <kc5cqw@... <mailto:kc5cqw%40excite.com>>
> Subject: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Received: Sunday, January 17, 2010, 9:36 AM
>
>
>
> Here's a tip: Make sure that the 450 is in Upper Side Band and the
> software is set to receive in Upper Side Band. Use USB for all digital
> work.
>
> --- In TS-850_450_690@ yahoogroups. com, "carbob35" <carbob35@.. .> wrote:
> >

> > I was wondering if anyone has used this setup before? I hooked it
> all up and set it up the way it was described in the propaganda that
> came with it, and all I get is gibberish when I put the marker on a
> signal in the waterfall. I am using the Digipan software.
> >
> > Any info would be greatly appreciated.
> >
> > Thanks
> >
> > Rob
> >
>
> _____
> Connect with friends from any web browser - no download required. Try
> the new Yahoo! Canada Messenger for the Web BETA at
> http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>
>
> [Non-text portions of this message have been removed]
>
>

THANKS FOR USING TS-850_450_690@...Yahoo! Groups Links

_____
Make your browsing faster, safer, and easier with the new Internet Explorer® 8. Optimized
for Yahoo! Get it Now for Free! at http://downloads.yahoo.com/ca/internetexplorer/

[Non-text portions of this message have been removed]

8822. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-18 21:25:58 UTC
From: Crownhaven
Topic: 8807 Message: 8822

No problem. That was an easy fix. I think that 20 meters is going to be your best bet right now with PSK-31. The higher bands are dead. DXers like 20. I am about to buy one myself. I hope it goes as easy for me as it did for you. How do you like having the adjustments on your little box vs. screwing with the sound card controls in the computer??????

Regards,

Steve, N4JQQ

Robert Cove wrote:
>
> Not usure if there even was one!! I think I tried to set it up on a
> band that had no strong signal activity. Once I moved it to 20M in the
> middle of the day, it came alive!! You'll have to excuse me, I've only
> been licenced since last year, and still fairly new to HF.
>
> Thanks and regards
>
> Rob
> VO1REC
>
> --- On Mon, 1/18/10, Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>> wrote:
>
> From: Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>>
> Subject: Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with
> Signalink USB.
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Received: Monday, January 18, 2010, 9:25 AM
>
> Robert, what was the problem? Was it the jumper?
>
> Robert Cove wrote:
> >
> > Thanks for all the assistance, have it working ok now, have made a few
> > contacts, neat setup. Just another facet of the amateur radio hobby!
> >
> > Thanks and regards
> >
> > Rob
> > VO1REC
> >
> > --- On Sun, 1/17/10, kc5cqw <kc5cqw@...

> <mailto:kc5cqw%40excite.com>
> > <mailto:kc5cqw%40excite.com>> wrote:
> >
> > From: kc5cqw <kc5cqw@... <mailto:kc5cqw%40excite.com>
> <mailto:kc5cqw%40excite.com>>
> > Subject: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink
> USB.
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Received: Sunday, January 17, 2010, 9:36 AM
> >
> >
> >
> > Here's a tip: Make sure that the 450 is in Upper Side Band and the
> > software is set to receive in Upper Side Band. Use USB for all digital
> > work.
> >
> > --- In TS-850_450_690@ yahoogroups. com, "carbob35" <carbob35@.. .>
> wrote:
> > >
> > > I was wondering if anyone has used this setup before? I hooked it
> > all up and set it up the way it was described in the propaganda that
> > came with it, and all I get is gibberish when I put the marker on a
> > signal in the waterfall. I am using the Digipan software.
> > >
> > > Any info would be greatly appreciated.
> > >
> > > Thanks
> > >
> > > Rob
> > >
> >
> > _____
> > Connect with friends from any web browser - no download required. Try
> > the new Yahoo! Canada Messenger for the Web BETA at
> > http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>
> > <http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>>
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
>

> _____
> Make your browsing faster, safer, and easier with the new Internet
> Explorer? 8. Optimized for Yahoo! Get it Now for Free! at
> http://downloads.yahoo.com/ca/internetexplorer/
> <http://downloads.yahoo.com/ca/internetexplorer/>
>
> [Non-text portions of this message have been removed]
>
>

8823. RE: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-18 22:23:12 UTC
From: Richard Schmuke
Topic: 8807 Message: 8823

Steve , you did not ask me but hope you don't mind if I jump in. With the knobs up front all adjustments are simple. I just went into Windows once to tell the O/S to use the Signalink sound card , set my TS-450 per instructions and then all is with the little knobs on the Signalink USB . It could not be simpler.
Rich ,KDØZZ ,
from the middle of Missouri , out in the sticks with the hicks and the ticks.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Crownhaven
Sent: Monday, January 18, 2010 3:26 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

No problem. That was an easy fix. I think that 20 meters is going to be your best bet right now with PSK-31. The higher bands are dead. DXers like 20. I am about to buy one myself. I hope it goes as easy for me as it did for you. How do you like having the adjustments on your little box vs. screwing with the sound card controls in the computer??????

Regards,

Steve, N4JQQ

Robert Cove wrote:
>
> Not usure if there even was one!! I think I tried to set it up on a
> band that had no strong signal activity. Once I moved it to 20M in the
> middle of the day, it came alive!! You'll have to excuse me, I've only
> been licenced since last year, and still fairly new to HF.
>
> Thanks and regards
>
> Rob
> VO1REC
>
> --- On Mon, 1/18/10, Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>> wrote:
>
> From: Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>>
> Subject: Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with
> Signalink USB.

> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Received: Monday, January 18, 2010, 9:25 AM
>
> Robert, what was the problem? Was it the jumper?
>
> Robert Cove wrote:
> >
> > Thanks for all the assistance, have it working ok now, have made a few
> > contacts, neat setup. Just another facet of the amateur radio hobby!
> >
> > Thanks and regards
> >
> > Rob
> > VO1REC
> >
> > --- On Sun, 1/17/10, kc5cqw <kc5cqw@...
> <mailto:kc5cqw%40excite.com>
> > <mailto:kc5cqw%40excite.com>> wrote:
> >
> > From: kc5cqw <kc5cqw@... <mailto:kc5cqw%40excite.com>
> <mailto:kc5cqw%40excite.com>>
> > Subject: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink
> USB.
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Received: Sunday, January 17, 2010, 9:36 AM
> >
> >
> >
> > Here's a tip: Make sure that the 450 is in Upper Side Band and the
> > software is set to receive in Upper Side Band. Use USB for all digital
> > work.
> >
> > --- In TS-850_450_690@ yahoogroups. com, "carbob35" <carbob35@.. .>
> wrote:
> > >
> > > I was wondering if anyone has used this setup before? I hooked it
> > all up and set it up the way it was described in the propaganda that
> > came with it, and all I get is gibberish when I put the marker on a
> > signal in the waterfall. I am using the Digipan software.
> > >
> > > Any info would be greatly appreciated.
> > >
> > > Thanks
> > >
> > > Rob
> > >
> >

> > _____
> > Connect with friends from any web browser - no download required. Try
> > the new Yahoo! Canada Messenger for the Web BETA at
> > http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>
> > <http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>>
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
>
> _____
> Make your browsing faster, safer, and easier with the new Internet
> Explorer® 8. Optimized for Yahoo! Get it Now for Free! at
> http://downloads.yahoo.com/ca/internetexplorer/
> <http://downloads.yahoo.com/ca/internetexplorer/>
>
> [Non-text portions of this message have been removed]
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.432 / Virus Database: 270.14.149/2630 - Release Date: 01/18/10
07:35:00

8824. Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-19 13:50:09 UTC
From: Robert Cove
Topic: 8807 Message: 8824

Hello, Steve,

Not having used another type of interface before, I have nothing to relate it too, but the adjustments are very easy from the front of the Signalink. I was having a QSO with a gentleman who got my signal straightened out from his end and all is well now.

Rob VO1REC

--- On Mon, 1/18/10, Crownhaven <crownhaven@...> wrote:

From: Crownhaven <crownhaven@...>
Subject: Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink USB.
To: TS-850_450_690@yahoogroups.com
Received: Monday, January 18, 2010, 5:55 PM

No problem. That was an easy fix. I think that 20 meters is going to be
your best bet right now with PSK-31. The higher bands are dead. DXers
like 20. I am about to buy one myself. I hope it goes as easy for me as
it did for you. How do you like having the adjustments on your little
box vs. screwing with the sound card controls in the computer??????

Regards,

Steve, N4JQQ

Robert Cove wrote:
>
> Not usure if there even was one!! I think I tried to set it up on a
> band that had no strong signal activity. Once I moved it to 20M in the
> middle of the day, it came alive!! You'll have to excuse me, I've only
> been licenced since last year, and still fairly new to HF.
>
> Thanks and regards
>
> Rob
> VO1REC
>
> --- On Mon, 1/18/10, Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>> wrote:
>
> From: Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>>
> Subject: Re: [TS-850_450_690] Re: PSK31 use with TS-450s, with
> Signalink USB.
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Received: Monday, January 18, 2010, 9:25 AM

>
> Robert, what was the problem? Was it the jumper?
>
> Robert Cove wrote:
> >
> > Thanks for all the assistance, have it working ok now, have made a few
> > contacts, neat setup. Just another facet of the amateur radio hobby!
> >
> > Thanks and regards
> >
> > Rob
> > VO1REC
> >
> > --- On Sun, 1/17/10, kc5cqw <kc5cqw@...
> <mailto:kc5cqw%40excite.com>
> > <mailto:kc5cqw%40excite.com>> wrote:
> >
> > From: kc5cqw <kc5cqw@... <mailto:kc5cqw%40excite.com>
> <mailto:kc5cqw%40excite.com>>
> > Subject: [TS-850_450_690] Re: PSK31 use with TS-450s, with Signalink
> USB.
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Received: Sunday, January 17, 2010, 9:36 AM
> >
> >
> >
> > Here's a tip: Make sure that the 450 is in Upper Side Band and the
> > software is set to receive in Upper Side Band. Use USB for all digital
> > work.
> >
> > --- In TS-850_450_690@ yahoogroups. com, "carbob35" <carbob35@.. .>
> wrote:
> > >
> > > I was wondering if anyone has used this setup before? I hooked it
> > all up and set it up the way it was described in the propaganda that
> > came with it, and all I get is gibberish when I put the marker on a
> > signal in the waterfall. I am using the Digipan software.
> > >
> > > Any info would be greatly appreciated.
> > >
> > > Thanks
> > >
> > > Rob
> > >
> >
> > _____
> > Connect with friends from any web browser - no download required. Try
> > the new Yahoo! Canada Messenger for the Web BETA at

> > http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>
> > <http://ca.messenger.yahoo.com/webmessengerpromo.php
> <http://ca.messenger.yahoo.com/webmessengerpromo.php>>
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
>
> ____
> Make your browsing faster, safer, and easier with the new Internet
> Explorer® 8. Optimized for Yahoo! Get it Now for Free! at
> http://downloads.yahoo.com/ca/internetexplorer/
> <http://downloads.yahoo.com/ca/internetexplorer/>
>
> [Non-text portions of this message have been removed]
>
>

THANKS FOR USING TS-850_450_690@...o! Groups Links

____
Get a sneak peak at messages with a handy reading pane with All new Yahoo! Mail:
http://ca.promos.yahoo.com/newmail/overview2/

[Non-text portions of this message have been removed]

8825. New member and first question re 500KHz tx use for TS690SAT and TS570S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-19 17:38:20 UTC
From: James Cowburn
Topic: 8825 Message: 8825

Dear group

Firstly, thanks for letting me join and 2ndly here is my question. I am active on the experimental 500KHz band in the UK and would like to use either my TS570S (I am a member of that group) and/or my TS690SAT as TX exciters for this band.

Both have been MARS/CAP modded and so TX down to around 1700 KHz but after that the TX is locked out. Is there a diode/chip to cut that will open TX to mirror that of Rx. I know that I'll still need to work on the bpf section too, but at the moment the brains won't even allow TX switching

Thanks for any pointers

Jim G7NKS

IO92UB

Active on WSPR 502.4 and also CW 501 - 503

E <blocked::mailto:james.cowburn@...> james.cowburn@...

The information transmitted is intended only for the person to whom it is addressed and may contain confidential and/or privileged material. If you are not the intended recipient, you are hereby notified that you must not read this message.
Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. Consequently, this email is not intended to be contractually binding.
If you received this in error, please contact the sender, return the message as well as its attachments and delete the whole from any computer.

[Non-text portions of this message have been removed]

8826. TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 02:14:23 UTC
From: Crownhaven
Topic: 8826 Message: 8826

I tried to tune my TS-450S on a MARS freq, 403X tonite. It would tune my 80 meter antenna to that freq. My TS-870S and TS-850S give me an instant tune on the same freq, same antenna. Is there something different with the 450S tuner when working out of the amateur bands?????

Steve, N4JQQ

8827. Re: TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 02:49:36 UTC
From: birchardvilleobservatory
Topic: 8826 Message: 8827

Steve,

Do you mean "It would NOT tune my 80 meter antenna to that freq."

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I tried to tune my TS-450S on a MARS freq, 403X tonite. It would tune
> my 80 meter antenna to that freq. My TS-870S and TS-850S give me an
> instant tune on the same freq, same antenna. Is there something
> different with the 450S tuner when working out of the amateur bands?????
>
> Steve, N4JQQ
>

8828. Re: [TS-850_450_690] Re: TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 03:19:33 UTC
From: Crownhaven
Topic: 8826 Message: 8828

Sorry about that Dan. Thanks for clearing that up. Yes, it would NOT tune my 80 meter antenna on 403X. Everything else is the same regarding the other two radios.

Steve

birchardvilleobservatory wrote:
>
> Steve,
>
> Do you mean "It would NOT tune my 80 meter antenna to that freq."
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > I tried to tune my TS-450S on a MARS freq, 403X tonite. It would tune
> > my 80 meter antenna to that freq. My TS-870S and TS-850S give me an
> > instant tune on the same freq, same antenna. Is there something
> > different with the 450S tuner when working out of the amateur bands?????
> >
> > Steve, N4JQQ
> >
>
>

8829. Re: TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 13:51:36 UTC
From: n0sya
Topic: 8826 Message: 8829

Hi
I find the atu in the 850 to be of a wider matching range than any other factory made internal atu I have yet used. I wonder if the 450 is just being stingy about its swr limits? There may be an adjustment for it to allow it to operate in loads worse than 1:1.

Chris

8830. Re: [TS-850_450_690] Re: TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 14:17:59 UTC
From: Crownhaven
Topic: 8826 Message: 8830

This is an amateur band specific thing. It will tune the antenna is about a milisecond at 3999.0. At 4.000, it won't tune the same antenna at all. It just grinds away. The TS-870S and TS-850S tuners will work out of band. I have never noticed this on the TS-450S. BTW, this is actually my TS-690S/AT we are talking about here. I can't imagine that it would make any difference but you never know. I will have to put my TS-450S/AT in line this weekend and see what it does.

Steve, N4JQQ

n0sya wrote:
>
> Hi
> I find the atu in the 850 to be of a wider matching range than any
> other factory made internal atu I have yet used. I wonder if the 450
> is just being stingy about its swr limits? There may be an adjustment
> for it to allow it to operate in loads worse than 1:1.
>
> Chris
>
>

8831. Re: TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 14:37:28 UTC
From: avvidclif
Topic: 8826 Message: 8831

At exactly 4.000.000 mHz the 450 tuner switches to the 40m configuration which is optimized for 7.150.000. That's why it will tune at 3.999.999 and not at 4.000.000

Clif

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> This is an amateur band specific thing. It will tune the antenna is
> about a milisecond at 3999.0. At 4.000, it won't tune the same antenna
> at all. It just grinds away. The TS-870S and TS-850S tuners will work
> out of band. I have never noticed this on the TS-450S. BTW, this is
> actually my TS-690S/AT we are talking about here. I can't imagine that
> it would make any difference but you never know. I will have to put my
> TS-450S/AT in line this weekend and see what it does.
>
> Steve, N4JQQ
>
> n0sya wrote:
> >
> > Hi
> > I find the atu in the 850 to be of a wider matching range than any
> > other factory made internal atu I have yet used. I wonder if the 450
> > is just being stingy about its swr limits? There may be an adjustment
> > for it to allow it to operate in loads worse than 1:1.
> >
> > Chris
> >
> >
>

8832. Re: [TS-850_450_690] Re: TS-450S Tuner Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-23 15:24:24 UTC
From: Zack Widup
Topic: 8826 Message: 8832

The TS-850 has a mode where you can manually tune it with the VFO and M.CH/VFO.CH knobs. Do these other transceivers have that mode? You might be able to at least see how low you can get the SWR that way.

73, Zack W9SZ

On Sat, Jan 23, 2010 at 7:51 AM, n0sya <n0sya@...> wrote:

>
>
> Hi
> I find the atu in the 850 to be of a wider matching range than any other
> factory made internal atu I have yet used. I wonder if the 450 is just being
> stingy about its swr limits? There may be an adjustment for it to allow it
> to operate in loads worse than 1:1.
>
> Chris
>
>
>

[Non-text portions of this message have been removed]

8833. TS 870 REPAIR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-28 17:23:42 UTC
From: Anthony W. DePrato
Topic: 8787 Message: 8833

>Clif

drop me your address so i can send the 870 with the FE error problem to you.
73 Tony wa4jqs

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8834. The cooling fan

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-28 21:15:54 UTC
From: Paul
Topic: 8834 Message: 8834

It's been ages since I heard the cooling fan on. Is there any method to see if it is still working ? Mind you I do more Rxing than Txing in daily two hours session

8835. Re: [TS-850_450_690] The cooling fan

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-29 03:10:08 UTC
From: Dave ve3wej
Topic: 8834 Message: 8835

I think mine only comes on during transmit, i guess I will have top pay more attention to be sure

----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 28, 2010 4:15 PM
Subject: [TS-850_450_690] The cooling fan

It's been ages since I heard the cooling fan on. Is there any method to see if it is still working ? Mind you I do more Rxing than Txing in daily two hours session

[Non-text portions of this message have been removed]

8836. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-29 13:14:57 UTC
From: rupert walford
Topic: 8273 Message: 8836

A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
73
6y5rw

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 11, 2010 8:40 PM
Subject: Re: [TS-850_450_690] ts850

Hi Dave, thanks for input,checked c18 cap then i remembered it was replaced with a 16 volt cap last year checked tracecs all checked ok,i am of the opinion ic18 maybe the problem,what do you think?

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 4:26 PM
Subject: Re: [TS-850_450_690] ts850

See, i figured something had to be wrong in order to want a reset, hope Roland answered the problem Rupert...

----- Original Message -----
From: Roland AH6RR
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 10, 2010 2:20 PM
Subject: Re: [TS-850_450_690] ts850

Aloha Rupert,
Replace C18 on the display board and check for any bad traces that the old cap might have eaten up.
Roland AH6RR
Been there, Done that and even got the Tee shirt.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8837. Newbie - Ready to fire up a "rested" TS-850 - questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-29 15:44:30 UTC
From: John F Smeltzer
Topic: 8837 Message: 8837

Morning all, KE0UE here, John F. Smeltzer in Colorado. I've had a TS-850 that I purchased new back in about 1990 that's been "resting" for a few years ... maybe up to about 10. It's been stored well, boxed and inside at fairly constant temps and low humidity. My inclination is to just plug it in and turn it on but I've noted in reviewing a large handful of posts that there may be some leaking component issues?

What recommendations do you all have for me to consider prior to lighting it up again? It's been a really great rig and I'd hate to cause unnecessary damage by being too excited once again to get her fired back up. Retirement can do that for you! Now I have time ... just not a lot of money and I'd hate to make that worse.

And ... if I need repairs are there recommendations on who to have work on it? Anyone in Colorado or southern Wyoming?

de Ke0ue K

8838. Re: [TS-850_450_690] Newbie - Ready to fire up a "rested" TS-850 - questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-29 17:01:18 UTC
From: Zack Widup
Topic: 8837 Message: 8838

I think the first thing I'd do is replace the battery. Then the caps. There is info in the files area about doing those.

73, Zack W9SZ

On Fri, Jan 29, 2010 at 9:44 AM, John F Smeltzer <johnsmeltzer@...>wrote:

>
>
> Morning all, KE0UE here, John F. Smeltzer in Colorado. I've had a TS-850
> that I purchased new back in about 1990 that's been "resting" for a few
> years ... maybe up to about 10. It's been stored well, boxed and inside at
> fairly constant temps and low humidity. My inclination is to just plug it in
> and turn it on but I've noted in reviewing a large handful of posts that
> there may be some leaking component issues?
>
> What recommendations do you all have for me to consider prior to
> lighting it up again? It's been a really great rig and I'd hate to cause
> unnecessary damage by being too excited once again to get her fired back up.
> Retirement can do that for you! Now I have time ... just not a lot of money
> and I'd hate to make that worse.
>
> And ... if I need repairs are there recommendations on who to have work on
> it? Anyone in Colorado or southern Wyoming?
>
> de Ke0ue K
>
>
>

[Non-text portions of this message have been removed]

8839. Re: Parts for TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 11:28:49 UTC
From: Paul
Topic: 8815 Message: 8839

Try http://www.pacparts.com/ Pacific Parts
Good Luck
Paul
9H1FQ

--- In TS-850_450_690@yahoogroups.com, Patrick Egloff <pegloff@...> wrote:
>
> Hi all,
>
> Is there somewhere a store where parts for the TS850 can be found ?
> A friend of mine is looking for buttons, keys, etc....
>
> 73, Patrick
>
> --
> Patrick Egloff - TK5EP
> email : pegloff@...
> Web page : http://tk5ep.free.fr
>
>
> [Non-text portions of this message have been removed]
>

8840. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 15:46:56 UTC
From: EdwinB
Topic: 8273 Message: 8840

Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> 73
> 6y5rw
>

8841. For Sale: Kenwood SP-31 speaker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 16:07:52 UTC
From: Brian Mileshosky
Topic: 8273 Message: 8841

Hi everyone --

I have for sale a Kenwood SP-31 external speaker. Aside from the great sounding 4-inch speaker and two switchable audio inputs, it has built-in audio filters which allows the operator to tailor the frequency response of received audio, reducing noise and improving the sound of signals. A great accessory for your TS-850 or any other radio in your shack. Includes manual and cable to plug into your radio. Speaker comes from a non-smoking shack, and is in great shape except for a scuff on the side. Price: $70 plus shipping within the United States from 87110. Money orders (preferably USPS money order) only please. I'm happy to provide pictures upon request.

73,
Brian N5ZGT
Albuquerque, NM

8842. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 18:00:19 UTC
From: rupert walford
Topic: 8273 Message: 8842

yes i took the amp out of line,the rig is now connected directly to the antenna,still no rx,but as stated it does transmit ok,

----- Original Message -----
From: EdwinB
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 30, 2010 10:46 AM
Subject: [TS-850_450_690] Re: ts850

Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> 73
> 6y5rw
>

[Non-text portions of this message have been removed]

8843. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 21:49:50 UTC
From: Dave ve3wej
Topic: 8273 Message: 8843

could be pin diodes in the 850...

----- Original Message -----
From: rupert walford
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 30, 2010 1:00 PM
Subject: Re: [TS-850_450_690] Re: ts850

yes i took the amp out of line,the rig is now connected directly to the antenna,still no rx,but as stated it does transmit ok,

----- Original Message -----
From: EdwinB
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 30, 2010 10:46 AM
Subject: [TS-850_450_690] Re: ts850

Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> 73
> 6y5rw
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8844. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 23:40:56 UTC
From: avvidclif
Topic: 8273 Message: 8844

Do you have the service manual so you can locate parts on the PCB?

Clif

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> yes i took the amp out of line,the rig is now connected directly to the antenna,still no rx,but as stated it does transmit ok,
>
>
> ----- Original Message -----
> From: EdwinB
> To: TS-850_450_690@...m
> Sent: Saturday, January 30, 2010 10:46 AM
> Subject: [TS-850_450_690] Re: ts850
>
>
>
> Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.
>
> Regards,
> Ed
>
> --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> >
> > A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> > 73
> > 6y5rw
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8845. TS-850 and TS-690 for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-30 20:33:27 UTC
From: Thierbach, Ed
Topic: 8845 Message: 8845

I've decided to step into the Software-Defined Radio waters, which means I have to sell a few things to fund the purchase of an SDR. Sadly, those few things include my TS-850SAT and TS-690.

The TS-850SAT is in very good shape, and has worked well for me. Serial number is 307xxxxx. Testing with a dummy load indicates that a previous owner did the MARS/CAP mod. Photos here:
http://s1015.photobucket.com/albums/af273/treetowntenor/TS-850SAT/
Asking $650 + shipping, will consider reasonable offers.

The TS-690 came from the estate of a local ham. I tested it and everything worked as it should. It hasn't seen much use in my shack, as the TS-850 above was my primary radio. Photos here:
http://s1015.photobucket.com/albums/af273/treetowntenor/TS-690/
Asking $450 + shipping, will consider reasonable offers

Take both for $1000 + shipping (such a deal! :-))

Shipping will be from 48103 (Ann Arbor, MI), by "trackable" shipping method (UPS, FedEx).

73,
-Ed- AB8OJ

[Non-text portions of this message have been removed]

8846. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-31 01:12:46 UTC
From: rupert walford
Topic: 8273 Message: 8846

yes i have it on cd

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 30, 2010 6:40 PM
Subject: [TS-850_450_690] Re: ts850

Do you have the service manual so you can locate parts on the PCB?

Clif

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> yes i took the amp out of line,the rig is now connected directly to the antenna,still no rx,but as stated it does transmit ok,
>
>
> ----- Original Message -----
> From: EdwinB
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 30, 2010 10:46 AM
> Subject: [TS-850_450_690] Re: ts850
>
>
>
> Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.
>
> Regards,
> Ed
>
> --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> >
> > A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> > 73
> > 6y5rw
> >
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

8847. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-01-31 16:25:22 UTC
From: avvidclif
Topic: 8273 Message: 8847

On the RF unit check the RXB and TXB test points. In RX they should be 7.8v and 0.0 respectively. If RXB is low 1-2v then replace D31 on the same board. The suggested replacement is an MI204. It's not a surface mount but is easy to put in place of.

Clif

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> yes i have it on cd
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 30, 2010 6:40 PM
> Subject: [TS-850_450_690] Re: ts850
>
>
>
> Do you have the service manual so you can locate parts on the PCB?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> >
> > yes i took the amp out of line,the rig is now connected directly to the antenna,still no rx,but as stated it does transmit ok,
> > >
> > >
> > > ----- Original Message -----
> > > From: EdwinB
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Saturday, January 30, 2010 10:46 AM
> > > Subject: [TS-850_450_690] Re: ts850
> > >
> > >
> > >
> > > Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.
> > >
> > > Regards,
> > > Ed
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> > > >

> > > A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> > > 73
> > > 6y5rw
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

8848. TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-01 22:01:32 UTC
From: nonenv
Topic: 8848 Message: 8848

Hi all:
I just recently bought a TS-850S with a built-in antenna tuner. And the tuner can't tune on any band or a dummy load.
After using a manual tuning mode described on the manual's page 30, I found that the main knob can turn the right side capacitor, but the VFO knob can NOT turn the left side capacitor. I can hear the motor running.
Is this a stuck or frozen capacitor? I already opened up the tuner unit and want to find out how to fix it. I didn't see any burned coil or other obvious problem. Should I wiggle the capacitor while the motor is running? Any hep is greatly appreciated. Thank you.

73
Trung W6TN

8849. Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-01 23:41:53 UTC
From: ag1pct
Topic: 8848 Message: 8849

May I assume you have CAR front panel control set correctly? Mine is set at 6.

73
Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, "nonenv" <nonenv@...> wrote:
>
> Hi all:
> I just recently bought a TS-850S with a built-in antenna tuner. And the tuner can't tune on any band or a dummy load.
> After using a manual tuning mode described on the manual's page 30, I found that the main knob can turn the right side capacitor, but the VFO knob can NOT turn the left side capacitor. I can hear the motor running.
> Is this a stuck or frozen capacitor? I already opened up the tuner unit and want to find out how to fix it. I didn't see any burned coil or other obvious problem. Should I wiggle the capacitor while the motor is running? Any hep is greatly appreciated. Thank you.
>
> 73
> Trung W6TN
>

8850. TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 04:06:29 UTC
From: dan_kc5pcb
Topic: 8850 Message: 8850

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

8851. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 11:30:56 UTC
From: Steve
Topic: 8850 Message: 8851

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.
Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dan_kc5pcb
Sent: Monday, February 01, 2010 11:06 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

8852. Re: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 13:58:49 UTC
From: dtassell@sbcglobal.net
Topic: 8850 Message: 8852

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I needed to ask is there anything I need to do to the TS-850 to recognize the DSP-100?
Sent on the Sprint? Now Network from my BlackBerry?

-----Original Message-----
From: "Steve" <va3fm@...>
Date: Tue, 2 Feb 2010 06:30:56
To: <TS-850_450_690@yahoogroups.com>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.
Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@...m]
On Behalf Of dan_kc5pcb
Sent: Monday, February 01, 2010 11:06 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8853. TS850 + DSP100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 16:32:09 UTC
From: David Turney
Topic: 8853 Message: 8853

When I bought one on e-bay, I had quite a lot of trouble with the various connecting leads - the plugs/sockets are not that robust and can get strained over time: may be worth checking from inside the unit that all your connections are good. Once sorted, the benefits were subtle but definitey present. 73 M0DKN

[Non-text portions of this message have been removed]

8854. Re: [TS-850_450_690] TS850 + DSP100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 17:08:44 UTC
From: dtassell@sbcglobal.net
Topic: 8853 Message: 8854

Hi David!

Thank you for the reply! I already had to resolder the RCA connectors. I guess I should look at the others as well. Thank you for the suggestion!

Dan
Sent on the Sprint? Now Network from my BlackBerry?

-----Original Message-----
From: David Turney <davidjt01@...>
Date: Tue, 2 Feb 2010 16:32:09
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] TS850 + DSP100

When I bought one on e-bay, I had quite a lot of trouble with the various connecting leads - the plugs/sockets are not that robust and can get strained over time: may be worth checking from inside the unit that all your connections are good. Once sorted, the benefits were subtle but definitey present.?73 M0DKN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8855. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 22:27:25 UTC
From: Steve
Topic: 8850 Message: 8855

So long as you use all 4 cables and plug them in correctly, should work. You validated the cables?

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of dtassell@...
Sent: Tuesday, February 02, 2010 8:59 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I needed to ask is there anything I need to do to the TS-850 to recognize the DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@...>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_690@yahoogroups.com>

Subject: RE: [TS-850_450_690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of

acting as a 4th IF stage for the 850's receiver. I never touch any of the

controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N /

KA0KA for an extended receiver's bandwidth. I just control the receiver's

bandwidth using the internal filters of the rig and control my audio's

bandwidth the same way or by limiting by outboard audio processing

equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@...

ve3sfv@...

Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@yahoogroups.com

Subject: [TS-850_450_690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just

received one and hooked it up, but cannot get it to do anything. Power light

comes on and nothing else. Not sure if the DSP-100 is bad or if there is an

issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

8856. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-02 23:32:03 UTC
From: Daniel Tassell
Topic: 8850 Message: 8856

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@...> wrote:

From: Steve <va3fm@...>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

8857. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 00:07:11 UTC
From: Steve
Topic: 8850 Message: 8857

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850 At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@gmail.com
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Daniel Tassell
Sent: Tuesday, February 02, 2010 6:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@... <mailto:va3fm%40hotmail.com> > wrote:

From: Steve <va3fm@... <mailto:va3fm%40hotmail.com> >
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of

acting as a 4th IF stage for the 850's receiver. I never touch any of the

controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N /

KA0KA for an extended receiver's bandwidth. I just control the receiver's

bandwidth using the internal filters of the rig and control my audio's

bandwidth the same way or by limiting by outboard audio processing

equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8858. Re: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 00:18:49 UTC
From: arra1972@yahoo.com
Topic: 8850 Message: 8858

Is there any link where I can find 13 connector cable layout?

Thanks in advance

Alberto

Yv3edo
Enviado desde mi BlackBerry de Movistar

-----Original Message-----
From: "Steve" <va3fm@...>
Date: Tue, 2 Feb 2010 19:07:11
To: <TS-850_450_690@yahoogroups.com>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850 At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Daniel Tassell
Sent: Tuesday, February 02, 2010 6:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@... <mailto:va3fm%40hotmail.com> > wrote:

From: Steve <va3fm@... <mailto:va3fm%40hotmail.com> >
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of

acting as a 4th IF stage for the 850's receiver. I never touch any of the

controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N /

KA0KA for an extended receiver's bandwidth. I just control the receiver's

bandwidth using the internal filters of the rig and control my audio's

bandwidth the same way or by limiting by outboard audio processing

equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just

received one and hooked it up, but cannot get it to do anything. Power light

comes on and nothing else. Not sure if the DSP-100 is bad or if there is an

issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8859. Re: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 00:52:06 UTC
From: Dave ve3wej
Topic: 8850 Message: 8859

the manual shows it...

----- Original Message -----
From: arra1972@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 02, 2010 7:18 PM
Subject: Re: [TS-850_450_690] TS-850 & DSP-100

Is there any link where I can find 13 connector cable layout?

Thanks in advance

Alberto

Yv3edo
Enviado desde mi BlackBerry de Movistar

-----Original Message-----
From: "Steve" <va3fm@...>
Date: Tue, 2 Feb 2010 19:07:11
To: <TS-850_450_690@yahoogroups.com>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850 At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Daniel Tassell
Sent: Tuesday, February 02, 2010 6:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@... <mailto:va3fm%40hotmail.com> > wrote:

From: Steve <va3fm@... <mailto:va3fm%40hotmail.com> >
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of

acting as a 4th IF stage for the 850's receiver. I never touch any of the

controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8860. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 01:06:54 UTC
From: Daniel Tassell
Topic: 8850 Message: 8860

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@...> wrote:

From: Steve <va3fm@...>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8861. Re: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 01:42:02 UTC
From: Jordan
Topic: 8850 Message: 8861

Yes, I believe that one of the cables does have reversed pins, I believe I've seen this in the TS-450S manual....73...Jordan VE6ZT

----- Original Message -----
From: Daniel Tassell
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 02, 2010 6:06 PM
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@...m> wrote:

From: Steve <va3fm@...>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8862. Re: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 03:26:00 UTC
From: Daniel Tassell
Topic: 8850 Message: 8862

Hi Jordan!

You may be on to something! I looked in my 850 manual and it makes reference to such a cable.

Dan

--- On Tue, 2/2/10, Jordan <Outposter30@...> wrote:

From: Jordan <Outposter30@...>
Subject: Re: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 2, 2010, 7:42 PM

Yes, I believe that one of the cables does have reversed pins, I believe I've seen this in the TS-450S manual....73. ..Jordan VE6ZT

----- Original Message -----

From: Daniel Tassell

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, February 02, 2010 6:06 PM

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com> wrote:

From: Steve <va3fm@hotmail. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com

Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the

DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of

acting as a 4th IF stage for the 850's receiver. I never touch any of the

controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N /

KA0KA for an extended receiver's bandwidth. I just control the receiver's

bandwidth using the internal filters of the rig and control my audio's

bandwidth the same way or by limiting by outboard audio processing

equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8863. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 11:17:08 UTC
From: Steve
Topic: 8850 Message: 8863

Dan,
I think the manual shows every cable to connect the DSP but correct me if I'm wrong…

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Daniel Tassell
Sent: Tuesday, February 02, 2010 10:26 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 & DSP-100

Hi Jordan!

You may be on to something! I looked in my 850 manual and it makes reference to such a cable.

Dan

--- On Tue, 2/2/10, Jordan <Outposter30@... <mailto:Outposter30%40shaw.ca> > wrote:

From: Jordan <Outposter30@... <mailto:Outposter30%40shaw.ca> >
Subject: Re: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Date: Tuesday, February 2, 2010, 7:42 PM

Yes, I believe that one of the cables does have reversed pins, I believe I've seen this in the TS-450S manual....73. ..Jordan VE6ZT

----- Original Message -----

From: Daniel Tassell

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, February 02, 2010 6:06 PM

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com> wrote:

From: Steve <va3fm@hotmail. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com

Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I needed to ask is there anything I need to do to the TS-850 to recognize the DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N /

KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8864. Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 16:38:01 UTC
From: nonenv
Topic: 8848 Message: 8864

Hi Ron:
Thank you for your suggestion.
I found out now that I can manually turn both the left side variable capacitor with the VFO knob and the right side variable capacitor with the MAIN knob. But when I put it into the automatic tuning mode the left side capacitor would not move. I don't know whether the motor for that capacitor did turn or not. Any hints?

BTW, I had a full output into a dummy load when I turned off the tuner. I can crank up the CAR to have that maximum output. It still didn't move that variable capacitor at all in the automatic tuning mode.

Thank you
73
Trung W6TN
--- In TS-850_450_690@yahoogroups.com, "ag1pct" <ronpotter@...> wrote:
>
> May I assume you have CAR front panel control set correctly? Mine is set at 6.
>
> 73
> Ron - AG1P
>
> --- In TS-850_450_690@yahoogroups.com, "nonenv" <nonenv@> wrote:
> >
> > Hi all:
> > I just recently bought a TS-850S with a built-in antenna tuner. And the tuner can't tune on any band or a dummy load.
> > After using a manual tuning mode described on the manual's page 30, I found that the main knob can turn the right side capacitor, but the VFO knob can NOT turn the left side capacitor. I can hear the motor running.
> > Is this a stuck or frozen capacitor? I already opened up the tuner unit and want to find out how to fix it. I didn't see any burned coil or other obvious problem. Should I wiggle the capacitor while the motor is running? Any hep is greatly appreciated. Thank you.
> >
> > 73
> > Trung W6TN
> >
>

8865. Re: [TS-850_450_690] Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 17:28:05 UTC
From: Zack Widup
Topic: 8848 Message: 8865

Hmm ... that may be an indication of why you're having trouble with it tuning in auto mode. Looks like the left side capacitor motor or control circuitry is not working.

73, Zack W9SZ

On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@...> wrote:

>
>
>
> Hi Ron:
> Thank you for your suggestion.
> I found out now that I can manually turn both the left side variable
> capacitor with the VFO knob and the right side variable capacitor with the
> MAIN knob. But when I put it into the automatic tuning mode the left side
> capacitor would not move. I don't know whether the motor for that capacitor
> did turn or not. Any hints?
>
> BTW, I had a full output into a dummy load when I turned off the tuner. I
> can crank up the CAR to have that maximum output. It still didn't move that
> variable capacitor at all in the automatic tuning mode.
>
>
> Thank you
> 73
> Trung W6TN
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "ag1pct" <ronpotter@...> wrote:
> >
> > May I assume you have CAR front panel control set correctly? Mine is set
> at 6.
> >
> > 73
> > Ron - AG1P
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "nonenv" <nonenv@> wrote:
> > >
> > > Hi all:
> > > I just recently bought a TS-850S with a built-in antenna tuner. And the
> tuner can't tune on any band or a dummy load.
> > > After using a manual tuning mode described on the manual's page 30, I
> found that the main knob can turn the right side capacitor, but the VFO knob
> can NOT turn the left side capacitor. I can hear the motor running.
> > > Is this a stuck or frozen capacitor? I already opened up the tuner unit

> and want to find out how to fix it. I didn't see any burned coil or other
> obvious problem. Should I wiggle the capacitor while the motor is running?
> Any hep is greatly appreciated. Thank you.
> > >
> > > 73
> > > Trung W6TN
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

8866. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-04 01:35:41 UTC
From: rupert walford
Topic: 8273 Message: 8866

thanks Cliff that was the problem.
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 31, 2010 11:25 AM
Subject: [TS-850_450_690] Re: ts850

On the RF unit check the RXB and TXB test points. In RX they should be 7.8v and 0.0 respectively. If RXB is low 1-2v then replace D31 on the same board. The suggested replacement is an MI204. It's not a surface mount but is easy to put in place of.

Clif

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> yes i have it on cd
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 30, 2010 6:40 PM
> Subject: [TS-850_450_690] Re: ts850
>
>
>
> Do you have the service manual so you can locate parts on the PCB?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> >
> > yes i took the amp out of line,the rig is now connected directly to the antenna,still no rx,but as stated it does transmit ok,
> >
> >
> > ----- Original Message -----
> > From: EdwinB
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, January 30, 2010 10:46 AM
> > Subject: [TS-850_450_690] Re: ts850
> >
> >
> >
> > Have you tried connecting your rig directly to the antenna? The problem may be in your amplifier T/R switching.

> >
> > Regards,
> > Ed
> >
> > --- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@> wrote:
> > >
> > > A problem surfaced yesterday with my 850,i was retuning my amplifier on 20 meters with low power of coarse when i heard a couple pops in the amplifier,turned it off put the rig back on usb no rx,checked there is power going out no problem ,turned back the rf control the meter goes all the way up,i can hear low hash in the speaker thats about it rx is dead,hopefully someone can help.
> > > 73
> > > 6y5rw
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

8867. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-03 23:40:48 UTC
From: Daniel Tassell
Topic: 8850 Message: 8867

I just wanted to say "Thanks!" to everyone that replied with advice on my DSP-100 problem. With the correct 6 pin cable, it seems to work just as it should. Doesn't do as much as I thought it would, but it is a nice addition to my Kenwood station just the same.

Thanks again & 73's for now!

Dan KC5PCB

--- On Wed, 2/3/10, Steve <va3fm@...> wrote:

From: Steve <va3fm@...>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, February 3, 2010, 5:17 AM

Dan,

I think the manual shows every cable to connect the DSP but correct me if I’m wrong…

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 10:26 PM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Hi Jordan!

You may be on to something! I looked in my 850 manual and it makes reference to such a cable.

Dan

--- On Tue, 2/2/10, Jordan <Outposter30@ shaw.ca <mailto:Outposter30 %40shaw.ca> > wrote:

From: Jordan <Outposter30@ shaw.ca <mailto:Outposter30 %40shaw.ca> >

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 7:42 PM

Yes, I believe that one of the cables does have reversed pins, I believe I've seen this in the TS-450S manual....73. ..Jordan VE6ZT

----- Original Message -----

From: Daniel Tassell

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, February 02, 2010 6:06 PM

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com> wrote:

From: Steve <va3fm@hotmail. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com

Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I

needed to ask is there anything I need to do to the TS-850 to recognize the DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light

comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8868. Re: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-04 02:16:56 UTC
From: Jordan
Topic: 8850 Message: 8868

Dan... some of the effects are very subtle, but if you play with it on RX especially, it does more than people think...
73...Jordan...

----- Original Message -----
From: Daniel Tassell
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 03, 2010 4:40 PM
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

I just wanted to say "Thanks!" to everyone that replied with advice on my DSP-100 problem. With the correct 6 pin cable, it seems to work just as it should. Doesn't do as much as I thought it would, but it is a nice addition to my Kenwood station just the same.

Thanks again & 73's for now!

Dan KC5PCB

--- On Wed, 2/3/10, Steve <va3fm@...> wrote:

From: Steve <va3fm@...>
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, February 3, 2010, 5:17 AM

Dan,

I think the manual shows every cable to connect the DSP but correct me if I’m wrong…

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 10:26 PM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Hi Jordan!

You may be on to something! I looked in my 850 manual and it makes reference to such a cable.

Dan

--- On Tue, 2/2/10, Jordan <Outposter30@ shaw.ca <mailto:Outposter30 %40shaw.ca> > wrote:

From: Jordan <Outposter30@ shaw.ca <mailto:Outposter30 %40shaw.ca> >

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 7:42 PM

Yes, I believe that one of the cables does have reversed pins, I believe I've seen this in the TS-450S manual....73. ..Jordan VE6ZT

----- Original Message -----

From: Daniel Tassell

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, February 02, 2010 6:06 PM

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com> wrote:

From: Steve <va3fm@hotmail. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com

Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You

validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I needed to ask is there anything I need to do to the TS-850 to recognize the DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N / KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8869. RE: [TS-850_450_690] TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-04 02:44:34 UTC
From: Steve
Topic: 8850 Message: 8869

Well for me, I never touch the front panel controls, basically I have it set wide open with the rear panel Dip switches and use it for HiFi eSSB for TX and RX.
Pretty expensive toy for just sitting there but it’s worth it and I couldn’t have what I have without it! Whether you’re into eSSB or not, I for mine for a “steal” in price
Basically. Have fun with it and be sure to read the rear panels’ DIP switch functions…

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@hotmail.com
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jordan
Sent: Wednesday, February 03, 2010 9:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 & DSP-100

Dan... some of the effects are very subtle, but if you play with it on RX especially, it does more than people think...
73...Jordan...

----- Original Message -----
From: Daniel Tassell
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Sent: Wednesday, February 03, 2010 4:40 PM
Subject: RE: [TS-850_450_690] TS-850 & DSP-100

I just wanted to say "Thanks!" to everyone that replied with advice on my DSP-100 problem. With the correct 6 pin cable, it seems to work just as it should. Doesn't do as much as I thought it would, but it is a nice addition to my Kenwood station just the same.

Thanks again & 73's for now!

Dan KC5PCB

--- On Wed, 2/3/10, Steve <va3fm@hotmail.com <mailto:va3fm%40hotmail.com> > wrote:

From: Steve <va3fm@... <mailto:va3fm%40hotmail.com> >
Subject: RE: [TS-850_450_690] TS-850 & DSP-100
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Date: Wednesday, February 3, 2010, 5:17 AM

Dan,

I think the manual shows every cable to connect the DSP but correct me if I’m wrong…

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 10:26 PM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Hi Jordan!

You may be on to something! I looked in my 850 manual and it makes reference to such a cable.

Dan

--- On Tue, 2/2/10, Jordan <Outposter30@ shaw.ca <mailto:Outposter30 %40shaw.ca> > wrote:

From: Jordan <Outposter30@ shaw.ca <mailto:Outposter30 %40shaw.ca> >

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 7:42 PM

Yes, I believe that one of the cables does have reversed pins, I believe I've seen this in the TS-450S manual....73. ..Jordan VE6ZT

----- Original Message -----

From: Daniel Tassell

To: TS-850_450_690@ yahoogroups. com

Sent: Tuesday, February 02, 2010 6:06 PM

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve, and also everyone else who has replied!

The cables were checked and were in the correct positions. I was getting audio out of my 850, but could not make any changes to it.

I do have a question about the cables. Is there anything special about the cables? I figure they should be the same length, but is there anything special like swapped pairs or anything. I am asking because I know the 6 pin cable is not a factory cable.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com> wrote:

From: Steve <va3fm@hotmail. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com

Date: Tuesday, February 2, 2010, 6:07 PM

Are you getting any audio in the receiver of the 850? I know that if you accidentally reverse the DSP-1 / DSP-2 cables (yellow / black), you will not get any audio from the 850

At all. Just start with basic cabling (been there, done that). The main 13pin connector also affects the entire system also.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com] On Behalf Of Daniel Tassell

Sent: Tuesday, February 02, 2010 6:32 PM

To: TS-850_450_690@ yahoogroups. com

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

Hi Steve!

I going to check that out next. One of the cables is not a factory cable, but figured it should work.

Dan

--- On Tue, 2/2/10, Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> > wrote:

From: Steve <va3fm@hotmail. com <mailto:va3fm% 40hotmail. com> >

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

To: TS-850_450_690@ yahoogroups. com <mailto:TS-850_ 450_690%40yahoog roups.com>

Date: Tuesday, February 2, 2010, 4:27 PM

So long as you use all 4 cables and plug them in correctly, should work. You validated the cables?

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

-----Original Message-----

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dtassell@sbcglobal. net

Sent: Tuesday, February 02, 2010 8:59 AM

To: TS-850_450_690@ yahoogroups. com

Subject: Re: [TS-850_450_ 690] TS-850 & DSP-100

Good Morning Steve,

Thank you for the reply, but that did not answer my question. I guess I needed to ask is there anything I need to do to the TS-850 to recognize the DSP-100?

Sent on the SprintR Now Network from my BlackBerryR

-----Original Message-----

From: "Steve" <va3fm@hotmail. com>

Date: Tue, 2 Feb 2010 06:30:56

To: <TS-850_450_ 690@ yahoogroups. com>

Subject: RE: [TS-850_450_ 690] TS-850 & DSP-100

I personally use mine for HiFi SSB audio along with it's main purpose of acting as a 4th IF stage for the 850's receiver. I never touch any of the controls on the front and keep it fixed and wide open.

Coupled with this I did all the receiver mods to the 850 listed by NU9N /

KA0KA for an extended receiver's bandwidth. I just control the receiver's bandwidth using the internal filters of the rig and control my audio's bandwidth the same way or by limiting by outboard audio processing equipment.

Thanks,

Steve Restinetti

VA3FM / VE3SFV

va3fm@hotmail. com

ve3sfv@gmail. com

Grid: FN25OA

From: TS-850_450_690@ yahoogroups. com [mailto:TS-850_ 450_690@ yahoogroups. com]

On Behalf Of dan_kc5pcb

Sent: Monday, February 01, 2010 11:06 PM

To: TS-850_450_690@ yahoogroups. com

Subject: [TS-850_450_ 690] TS-850 & DSP-100

I wanted to see if there was anything special about using a DSP-100. I just received one and hooked it up, but cannot get it to do anything. Power light comes on and nothing else. Not sure if the DSP-100 is bad or if there is an issue with my TS-850. I would appreciate any advice anyone my have.

Dan KC5PCB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8870. Re: TS-850 & DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-04 14:30:09 UTC
From: n0sya
Topic: 8850 Message: 8870

Hi
The dsp100 is nice because it replaces the (horridly asymmettric) ceramic filter and detector circuitry in the last IF. And for gods sake please start cropping your replies....

Chris

8871. Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-04 14:23:11 UTC
From: nonenv
Topic: 8848 Message: 8871

Hi Zack:

Thank you for your feedback.
Last night, I tested few steps.
First, I manually turned the left side capacitor (VC2) so I could view it easily. It would help me on the next thing.
Secondly, I reset it to the automatic mode. Then I cleared all memories so I didn't have any presetting on SWR.
Thirdly, when I turned it on again the VC2's motor actually TURNED automatically and stayed at the "opening".
I assumed now the VC2's motor is working properly. However, the signal was incorrectly sent and wouldn't move the motor to automatically tune the tuner. The VC1 works just fine.

In addition, when I manually turned the tuner I could NOT adjust it to lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?

Any hints would be greatly appreciated. Thank you.

73
Trung W6TN

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Hmm ... that may be an indication of why you're having trouble with it
> tuning in auto mode. Looks like the left side capacitor motor or control
> circuitry is not working.
>
> 73, Zack W9SZ
>
> On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@...> wrote:
>
> > >
> > >
> > >
> > > Hi Ron:
> > > Thank you for your suggestion.
> > > I found out now that I can manually turn both the left side variable
> > > capacitor with the VFO knob and the right side variable capacitor with the
> > > MAIN knob. But when I put it into the automatic tuning mode the left side
> > > capacitor would not move. I don't know whether the motor for that capacitor
> > > did turn or not. Any hints?
> > >
> > > BTW, I had a full output into a dummy load when I turned off the tuner. I
> > > can crank up the CAR to have that maximum output. It still didn't move that
> > > variable capacitor at all in the automatic tuning mode.
> > >

> >
> > Thank you
> > 73
> > Trung W6TN
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > "ag1pct" <ronpotter@> wrote:
> > >
> > > May I assume you have CAR front panel control set correctly? Mine is set
> > at 6.
> > >
> > > 73
> > > Ron - AG1P
> > >
> > > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > "nonenv" <nonenv@> wrote:
> > > >
> > > > Hi all:
> > > > I just recently bought a TS-850S with a built-in antenna tuner. And the
> > tuner can't tune on any band or a dummy load.
> > > > After using a manual tuning mode described on the manual's page 30, I
> > found that the main knob can turn the right side capacitor, but the VFO knob
> > can NOT turn the left side capacitor. I can hear the motor running.
> > > > Is this a stuck or frozen capacitor? I already opened up the tuner unit
> > and want to find out how to fix it. I didn't see any burned coil or other
> > obvious problem. Should I wiggle the capacitor while the motor is running?
> > Any hep is greatly appreciated. Thank you.
> > > >
> > > > 73
> > > > Trung W6TN
> > > > >
> > > >
> > >
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

8872. Re: [TS-850_450_690] Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-04 20:11:14 UTC
From: Zack Widup
Topic: 8848 Message: 8872

Interesting! First off, when you manually tune it now, can you tell if the capacitor actually goes through its entire range when you rotate the control?

It is possible that something has slipped and what the computer thinks is the capacitor's minimum and maximum positions are no longer true.
I haven't actually ever had my tuner apart so I'm just kind of guessing here. It seems the only way you couldn't get a 1:1 SWR with the tuner into a dummy load would be if one of the tuning caps wasn't going through its whole range. Either that or there is something wrong with the SWR bridge circuitry also.

You probably know this, but make sure your power output is at least 10 watts, too.

73, Zack W9SZ

On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@...> wrote:

>
>
> Hi Zack:
>
> Thank you for your feedback.
> Last night, I tested few steps.
> First, I manually turned the left side capacitor (VC2) so I could view it
> easily. It would help me on the next thing.
> Secondly, I reset it to the automatic mode. Then I cleared all memories so
> I didn't have any presetting on SWR.
> Thirdly, when I turned it on again the VC2's motor actually TURNED
> automatically and stayed at the "opening".
> I assumed now the VC2's motor is working properly. However, the signal was
> incorrectly sent and wouldn't move the motor to automatically tune the
> tuner. The VC1 works just fine.
>
> In addition, when I manually turned the tuner I could NOT adjust it to
> lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?
>
> Any hints would be greatly appreciated. Thank you.
>
> 73
> Trung W6TN
>
>
> --- In TS-850_450_690@...m <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:

> >
> > Hmm ... that may be an indication of why you're having trouble with it
> > tuning in auto mode. Looks like the left side capacitor motor or control
> > circuitry is not working.
> >
> > 73, Zack W9SZ
> >
> > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@...> wrote:
> >
> > > >
> > > >
> > > >
> > > > Hi Ron:
> > > > Thank you for your suggestion.
> > > > I found out now that I can manually turn both the left side variable
> > > > capacitor with the VFO knob and the right side variable capacitor with
> > the
> > > > MAIN knob. But when I put it into the automatic tuning mode the left
> > side
> > > > capacitor would not move. I don't know whether the motor for that
> > capacitor
> > > > did turn or not. Any hints?
> > > >
> > > > BTW, I had a full output into a dummy load when I turned off the tuner.
> > I
> > > > can crank up the CAR to have that maximum output. It still didn't move
> > that
> > > > variable capacitor at all in the automatic tuning mode.
> > > >
> > > >
> > > > Thank you
> > > > 73
> > > > Trung W6TN
> > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>,
>
> > > > "ag1pct" <ronpotter@> wrote:
> > > > >
> > > > > May I assume you have CAR front panel control set correctly? Mine is
> > set
> > > > at 6.
> > > > >
> > > > > 73
> > > > > Ron - AG1P
> > > > >
> > > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>,
>

> > > "nonenv" <nonenv@> wrote:
> > > > >
> > > > > Hi all:
> > > > > I just recently bought a TS-850S with a built-in antenna tuner. And
> the
> > > tuner can't tune on any band or a dummy load.
> > > > > After using a manual tuning mode described on the manual's page 30,
> I
> > > found that the main knob can turn the right side capacitor, but the VFO
> knob
> > > can NOT turn the left side capacitor. I can hear the motor running.
> > > > > Is this a stuck or frozen capacitor? I already opened up the tuner
> unit
> > > and want to find out how to fix it. I didn't see any burned coil or
> other
> > > obvious problem. Should I wiggle the capacitor while the motor is
> running?
> > > Any hep is greatly appreciated. Thank you.
> > > > > >
> > > > > > 73
> > > > > > Trung W6TN
> > > > > >
> > > > >
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

8873. ts450s agc help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-05 11:52:20 UTC
From: sean2e0
Topic: 8873 Message: 8873

hi im new here and would love some help... i have the ts450 and to me it seems as if the agc is a touch quick on the slow setting is the any way to change the decay of the agc..?? thank's

also any one tell me the correct setting for vr14 i think its the ALC adjustment if there is a test point and what the voltage shud be..??

thank's again regards sean

8874. Re: ts450s agc help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-05 13:17:47 UTC
From: avvidclif
Topic: 8873 Message: 8874

Sure, change the time constant resistors and caps.

VR14 does set the reference voltage for the ALC. Might I suggest if you don't have the service manual you don't adjust it. Why do you think it needs adjusting?

Clif

--- In TS-850_450_690@yahoogroups.com, "sean2e0" <jack2elise@...> wrote:
>
> hi im new here and would love some help... i have the ts450 and to me it seems as if the agc is a touch quick on the slow setting is the any way to change the decay of the agc..?? thank's
>
> also any one tell me the correct setting for vr14 i think its the ALC adjustment if there is a test point and what the voltage shud be..??
>
> thank's again regards sean
>

8875. RE: TS-850 and TS-690 for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-05 14:24:53 UTC
From: Thierbach, Ed
Topic: 8845 Message: 8875

The 690 is sold. I still have the 850 for sale, now for $600 or best offer, + shipping.

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Thierbach, Ed
> Sent: Saturday, January 30, 2010 3:33 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 and TS-690 for sale
>
> I've decided to step into the Software-Defined Radio waters, which
> means I have to sell a few things to fund the purchase of an SDR.
> Sadly, those few things include my TS-850SAT and TS-690.
>
> The TS-850SAT is in very good shape, and has worked well for me.
> Serial number is 307xxxxx. Testing with a dummy load indicates that a
> previous owner did the MARS/CAP mod. Photos here:
> http://s1015.photobucket.com/albums/af273/treetowntenor/TS-850SAT/
[...]
> Shipping will be from 48103 (Ann Arbor, MI), by "trackable" shipping
> method (UPS, FedEx).
>
> 73,
> -Ed- AB8OJ

8876. help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-06 07:11:24 UTC
From: Dennis
Topic: 8876 Message: 8876

Hello to all I am new to this group an I have a question about componet in my TS-690S with the top cover removed an the smaller cover removed onder the main top cover there are two glass bulb looking parts right next to the hf an 50 mhz antenna connectors. are these diodes or what an if they are whats the name of them an where can they be purchased? one of them in my rig looks kinda cloudy like that if might be fixing to go out an the other is nice an clear. any one can know? thanks for reading Dennis N5LED.

8877. Re: ts450s agc help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-06 07:53:03 UTC
From: sean2e0
Topic: 8873 Message: 8877

hi clif i do have a service manual to the 450 but it says that the reading is on cn1-7 reading 2.5v which mine does not read on a dcvm..!!! its approx 1.5v if anyone with a ts450 could be so kind to read the voltage cheers... im asking this as someone has adjusted it as they told me so it was being used on cb and has been messed with..!!

8878. Re: [TS-850_450_690] help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-06 14:31:46 UTC
From: Dave ve3wej
Topic: 8876 Message: 8878

they may be diodes as far as I can remember, cloudy on the outside or inside, they may NOT be the exact same part

Is the rig working ?? why replace it if it is.

if you have the service manual, board layout would tell you for sure, or maybe a clear photo and upload for the group to see....

if you could id the component number, or nearby parts, and the board number , we should be able find out what it is...

Dave Garber
VE3WEJ

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 06, 2010 2:11 AM
Subject: [TS-850_450_690] help

Hello to all I am new to this group an I have a question about componet
in my TS-690S with the top cover removed an the smaller cover removed onder the main top cover there are two glass bulb looking parts right next to the hf an 50 mhz antenna connectors. are these diodes or what an if they are whats the name of them an where can they be purchased? one of them in my rig looks kinda cloudy like that if might be fixing to go out an the other is nice an clear. any one can know? thanks for reading Dennis N5LED.

[Non-text portions of this message have been removed]

8879. Re: help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-06 15:30:55 UTC
From: avvidclif
Topic: 8876 Message: 8879

They are surge protection diodes.

PN DSA301LA @ kenwoodparts.com

Clif

--- In TS-850_450_690@yahoogroups.com, "Dennis" <n5led_1130@...> wrote:
>
> Hello to all I am new to this group an I have a question about componet
> in my TS-690S with the top cover removed an the smaller cover removed onder the main top cover there are two glass bulb looking parts right next to the hf an 50 mhz antenna connectors. are these diodes or what an if they are whats the name of them an where can they be purchased? one of them in my rig looks kinda cloudy like that if might be fixing to go out an the other is nice an clear. any one can know? thanks for reading Dennis N5LED.
>

8880. Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-07 04:35:38 UTC
From: nonenv
Topic: 8848 Message: 8880

Hi Zack:
Thank you for staying with me.
Here are what I found so far:
1. Both VC1 and VC2 can be manually turned by the main knob and VFO knob respectively in the manual tuning mode.
2. Only VC1 can be turned automatically in the auto mode.
3. Both VC1 and VC2 can be automatically reset when reset (clear A=B) mode is entered.

I replaced the battery in the digital board as few suggested. However, the problem where VC2 can NOT be automatically turned is still there.

I think the signal sent by the "microprocessor" from the digital board is not correct but I have no way to check it. At this moment I have no solution.

The VC1 and VC2 as designed they don't turn a full circle. They will turn one direction then reverse its direction as designed.

How do you check the SWR circuitry?

73
Trung W6TN
--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Interesting! First off, when you manually tune it now, can you tell if the
> capacitor actually goes through its entire range when you rotate the
> control?
>
> It is possible that something has slipped and what the computer thinks is
> the capacitor's minimum and maximum positions are no longer true.
> I haven't actually ever had my tuner apart so I'm just kind of guessing
> here. It seems the only way you couldn't get a 1:1 SWR with the tuner into a
> dummy load would be if one of the tuning caps wasn't going through its whole
> range. Either that or there is something wrong with the SWR bridge circuitry
> also.
>
> You probably know this, but make sure your power output is at least 10
> watts, too.
>
> 73, Zack W9SZ
>
>
> On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@...> wrote:
>
> >
> >
> > Hi Zack:

> >
> > Thank you for your feedback.
> > Last night, I tested few steps.
> > First, I manually turned the left side capacitor (VC2) so I could view it
> > easily. It would help me on the next thing.
> > Secondly, I reset it to the automatic mode. Then I cleared all memories so
> > I didn't have any presetting on SWR.
> > Thirdly, when I turned it on again the VC2's motor actually TURNED
> > automatically and stayed at the "opening".
> > I assumed now the VC2's motor is working properly. However, the signal was
> > incorrectly sent and wouldn't move the motor to automatically tune the
> > tuner. The VC1 works just fine.
> >
> > In addition, when I manually turned the tuner I could NOT adjust it to
> > lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?
> >
> > Any hints would be greatly appreciated. Thank you.
> >
> > 73
> > Trung W6TN
> >
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > Zack Widup <w9sz.zack@> wrote:
> > >
> > > Hmm ... that may be an indication of why you're having trouble with it
> > > tuning in auto mode. Looks like the left side capacitor motor or control
> > > circuitry is not working.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@> wrote:
> > >
> > > >
> > > >
> > > >
> > > > Hi Ron:
> > > > Thank you for your suggestion.
> > > > I found out now that I can manually turn both the left side variable
> > > > capacitor with the VFO knob and the right side variable capacitor with
> > the
> > > > MAIN knob. But when I put it into the automatic tuning mode the left
> > side
> > > > capacitor would not move. I don't know whether the motor for that
> > capacitor
> > > > did turn or not. Any hints?
> > > >
> > > > BTW, I had a full output into a dummy load when I turned off the tuner.
> > I
> > > > can crank up the CAR to have that maximum output. It still didn't move

> > that
> > > > variable capacitor at all in the automatic tuning mode.
> > > >
> > > >
> > > > Thank you
> > > > 73
> > > > Trung W6TN
> > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> > 40yahoogroups.com>,
> >
> > > > "ag1pct" <ronpotter@> wrote:
> > > > >
> > > > > May I assume you have CAR front panel control set correctly? Mine is
> > set
> > > > at 6.
> > > > >
> > > > > 73
> > > > > Ron - AG1P
> > > > >
> > > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> > 40yahoogroups.com>,
> >
> > > > "nonenv" <nonenv@> wrote:
> > > > > >
> > > > > > Hi all:
> > > > > > I just recently bought a TS-850S with a built-in antenna tuner. And
> > the
> > > > tuner can't tune on any band or a dummy load.
> > > > > > After using a manual tuning mode described on the manual's page 30,
> > I
> > > > found that the main knob can turn the right side capacitor, but the VFO
> > knob
> > > > can NOT turn the left side capacitor. I can hear the motor running.
> > > > > > Is this a stuck or frozen capacitor? I already opened up the tuner
> > unit
> > > > and want to find out how to fix it. I didn't see any burned coil or
> > other
> > > > obvious problem. Should I wiggle the capacitor while the motor is
> > running?
> > > > Any hep is greatly appreciated. Thank you.
> > > > > > >
> > > > > > 73
> > > > > > Trung W6TN
> > > > > > >
> > > > > >
> > > > >
> > > > >
> > > > >

> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

8881. Re: [TS-850_450_690] Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-07 04:43:05 UTC
From: Zack Widup
Topic: 8848 Message: 8881

OK. It could be that the microcontroller circuit is bad. I haven't done anything with the ATU circuit so I am not sure how to track it down. You probably need an oscilloscope. I'll look at the service manual.

If thw SWR meter on the radio shows 1:1 when you're transmitting into a dummy load with the tuner out of the circuit ("THRU") and shows something else when you're going into an antenna, I'd say it is OK.

73, Zack W9SZ

On Sat, Feb 6, 2010 at 10:35 PM, nonenv <nonenv@...> wrote:

>
>
> Hi Zack:
> Thank you for staying with me.
> Here are what I found so far:
> 1. Both VC1 and VC2 can be manually turned by the main knob and VFO knob
> respectively in the manual tuning mode.
> 2. Only VC1 can be turned automatically in the auto mode.
> 3. Both VC1 and VC2 can be automatically reset when reset (clear A=B) mode
> is entered.
>
> I replaced the battery in the digital board as few suggested. However, the
> problem where VC2 can NOT be automatically turned is still there.
>
> I think the signal sent by the "microprocessor" from the digital board is
> not correct but I have no way to check it. At this moment I have no
> solution.
>
> The VC1 and VC2 as designed they don't turn a full circle. They will turn
> one direction then reverse its direction as designed.
>
> How do you check the SWR circuitry?
>
>
> 73
> Trung W6TN
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:
> >
> > Interesting! First off, when you manually tune it now, can you tell if
> the
> > capacitor actually goes through its entire range when you rotate the
> > control?
> >

> > It is possible that something has slipped and what the computer thinks is
> > the capacitor's minimum and maximum positions are no longer true.
> > I haven't actually ever had my tuner apart so I'm just kind of guessing
> > here. It seems the only way you couldn't get a 1:1 SWR with the tuner
> into a
> > dummy load would be if one of the tuning caps wasn't going through its
> whole
> > range. Either that or there is something wrong with the SWR bridge
> circuitry
> > also.
> >
> > You probably know this, but make sure your power output is at least 10
> > watts, too.
> >
> > 73, Zack W9SZ
> >
> >
> > On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@...> wrote:
> >
> > >
> > >
> > > Hi Zack:
> > >
> > > Thank you for your feedback.
> > > Last night, I tested few steps.
> > > First, I manually turned the left side capacitor (VC2) so I could view
> it
> > > easily. It would help me on the next thing.
> > > Secondly, I reset it to the automatic mode. Then I cleared all memories
> so
> > > I didn't have any presetting on SWR.
> > > Thirdly, when I turned it on again the VC2's motor actually TURNED
> > > automatically and stayed at the "opening".
> > > I assumed now the VC2's motor is working properly. However, the signal
> was
> > > incorrectly sent and wouldn't move the motor to automatically tune the
> > > tuner. The VC1 works just fine.
> > >
> > > In addition, when I manually turned the tuner I could NOT adjust it to
> > > lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?
> > >
> > > Any hints would be greatly appreciated. Thank you.
> > >
> > > 73
> > > Trung W6TN
> > >
> > >
> > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>,

> > > Zack Widup <w9sz.zack@> wrote:
> > > >
> > > > Hmm ... that may be an indication of why you're having trouble with
> it
> > > > tuning in auto mode. Looks like the left side capacitor motor or
> control
> > > > circuitry is not working.
> > > >
> > > > 73, Zack W9SZ
> > > >
> > > > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@> wrote:
> > > >
> > > > >
> > > > > >
> > > > > > Hi Ron:
> > > > > > Thank you for your suggestion.
> > > > > > I found out now that I can manually turn both the left side
> variable
> > > > > > capacitor with the VFO knob and the right side variable capacitor
> with
> > > the
> > > > > > MAIN knob. But when I put it into the automatic tuning mode the
> left
> > > side
> > > > > > capacitor would not move. I don't know whether the motor for that
> > > capacitor
> > > > > > did turn or not. Any hints?
> > > > > >
> > > > > > BTW, I had a full output into a dummy load when I turned off the
> tuner.
> > > I
> > > > > > can crank up the CAR to have that maximum output. It still didn't
> move
> > > that
> > > > > > variable capacitor at all in the automatic tuning mode.
> > > > > >
> > > > > >
> > > > > > Thank you
> > > > > > 73
> > > > > > Trung W6TN
> > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
>
> > > 40yahoogroups.com>,
> > > >
> > > > > > "ag1pct" <ronpotter@> wrote:
> > > > > > >
> > > > > > > May I assume you have CAR front panel control set correctly? Mine
> is

> > > set
> > > > > at 6.
> > > > > >
> > > > > > 73
> > > > > > Ron - AG1P
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
>
> > > 40yahoogroups.com>,
> > >
> > > > > "nonenv" <nonenv@> wrote:
> > > > > > >
> > > > > > > Hi all:
> > > > > > > I just recently bought a TS-850S with a built-in antenna tuner.
> And
> > > the
> > > > > tuner can't tune on any band or a dummy load.
> > > > > > > After using a manual tuning mode described on the manual's page
> 30,
> > > I
> > > > > found that the main knob can turn the right side capacitor, but the
> VFO
> > > knob
> > > > > can NOT turn the left side capacitor. I can hear the motor running.
> > > > > > > Is this a stuck or frozen capacitor? I already opened up the
> tuner
> > > unit
> > > > > and want to find out how to fix it. I didn't see any burned coil or
> > > other
> > > > > obvious problem. Should I wiggle the capacitor while the motor is
> > > running?
> > > > > Any hep is greatly appreciated. Thank you.
> > > > > > > >
> > > > > > > > 73
> > > > > > > > Trung W6TN
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > >
> > > >
> > >
> > >

> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

8882. TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-08 20:03:19 UTC
From: Bob AD5VJ
Topic: 2579 Message: 8882

Is there a difference between the ts-850 and a ts-850s. I know that SAT means digital readout with auto tuner for Kenwood, but I see this rig referred to as 850 and then they talk about an 850s.

73,
Bob AD5VJ

8883. Re: [TS-850_450_690] TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-08 20:32:34 UTC
From: Dave ve3wej
Topic: 2579 Message: 8883

i have never seen the radio refered to as just ts850, except by radio ops. I have always seen them as ts850s or sat. they have always had a digital display, unlike the 820 series..

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 08, 2010 3:03 PM
Subject: [TS-850_450_690] TS-850

Is there a difference between the ts-850 and a ts-850s. I know that SAT means digital readout with auto tuner for Kenwood, but I see this rig referred to as 850 and then they talk about an 850s.

73,
Bob AD5VJ

[Non-text portions of this message have been removed]

8884. RE: [TS-850_450_690] TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-08 21:55:47 UTC
From: Bob AD5VJ
Topic: 2579 Message: 8884

Ok that is a relief, a guy is talking to me presently about owning his 'TS-850 like new' radio and I started some research on the model since most of my experience and acquaintance is with Icom and Yaesu.

Don't know how I missed Kenwood along the way after so many years of operating, but I did. Anyway, just wanting to make sure it is a radio worth replacing an IC-761 with.

Thanks
Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> Sent: Monday, February 08, 2010 2:33 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850
>
> i have never seen the radio refered to as just ts850, except by radio
> ops. I have always seen them as ts850s or sat. they have always had a
> digital display, unlike the 820 series..
>
>
>
> ----- Original Message -----
> From: Bob AD5VJ
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, February 08, 2010 3:03 PM
> Subject: [TS-850_450_690] TS-850
>
>
>
> Is there a difference between the ts-850 and a ts-850s. I know that
> SAT
> means digital readout with auto tuner for Kenwood, but I see this rig
> referred to as 850 and then they talk about an 850s.
>
> 73,
> Bob AD5VJ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8885. FS: Kenwood LP-PAN & emu 0202 package

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-09 18:33:12 UTC
From: jchristi40
Topic: 8885 Message: 8885

ello everyone. I recently got laid-off so I am selling off some of my equipment, I am selling my LP-PAN (for kenwood) and EMU 0202 sound card as a package deal with all the cables to hook it to the TS-850S and computer. It was an assembled kit from Larry and it looks and works like new. I am asking $225 plus $11 shipping priority mail. Let me know offline if any you are interested. I will take Paypal

Mike, N4GW
contact me at starmike@bellsouth.net

I will also be selling my TS-850SAT soon as well once I get it written up

8886. Re: FS: Kenwood LP-PAN & emu 0202 package

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-10 14:18:18 UTC
From: jchristi40
Topic: 8885 Message: 8886

Sold pending payment

Mike, N4GW

--- In TS-850_450_690@yahoogroups.com, "jchristi40" <starmike@...> wrote:
>
> ello everyone. I recently got laid-off so I am selling off some of my
> equipment, I am selling my LP-PAN (for kenwood) and EMU 0202 sound card as a package deal with all the cables to hook it to the TS-850S and computer. It was an assembled kit from Larry and it looks and works like new. I am asking $225 plus $11 shipping priority mail. Let me know offline if any you are interested. I will take Paypal
>
> Mike, N4GW
> contact me at starmike@...
>
> I will also be selling my TS-850SAT soon as well once I get it written up
>

8887. FS: KENWOOD TS-850S/AT with INRAD Filters and Upgrades!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-10 14:24:22 UTC
From: jchristi40
Topic: 8887 Message: 8887

KENWOOD TS-850S/AT with INRAD Filters and Upgrades!
THIS IS THE ONE YOU HAVE BEEN WAITING FOR!

Up for sale is my Kenwood TS-850S/AT Transceiver. The rig is in excellent condition and working at full specs. I am the second owner of this fine rig. The original owner bought it new; hoping to get interested in HF, and never did, so when I bought it from him 2 years ago, it looked like new

If you are looking at this post, you know how much of a performer these radios are. The TS-850s have a well-known reputation for being an outstanding DX/Contest rig, as well as for casual use. When needed, they can pack a lot of punch. Just kick in the High boost control, and the true RF speech processor, and you have a pile-up breaking signal. I have broken through many pile-ups with this combination.

Sale includes the radio, mic, power cord, amp relay cable, PC control serial cable, original manual and original box. It has two INRAD filters installed. 2.1 kHz in the 8.33 IF and a 1.8 kHz in the 455 IF (cost of $350)

At the end of 2008, this radio also received the "FULL MONTE" treatment from B&B Technical services (cost of $300). See link: http://www.eham.net/reviews/detail/3784

This included:

☐ Replaced the battery for the main CPU
☐ DC-DC converter mod: prevents and fixes ALC "dumping" problem.
☐ Noise blanker mod: Simple removal of two capacitors, near where the DC-DC converter mod is done and greatly improves the NB
☐ Replace the surge arrestor tube at the antenna lead-in and add a pi-wound choke in parallel with the arrestor. The choke bleeds DC off the antenna lead-in, helping to preserve the surge arrestor tube (which will still "fire" on fast-rise-time stuff such as lightning and static hits). Long wire antennas can cause a significant DC charge to build up from wind and precipitation; this will blow the surge tube and may cause damage "down the line" to the receiver bandpass filter diodes (not to mention removing your protection for later "hits").
☐ Checked the RF unit and replaced D35. This is the diode that gets "punched out" by the aforementioned DC surge. If D35 is leaky, all sorts of weird things happen to the 850.
☐ Checked the IF unit and replaced the audio output blocking cap. These get dried out and short, blowing the audio amp chip.
☐ Checked the front display unit and replace C17. This cap likes to leak on the board and eat up the trace that feeds 8V to the display power supply unit. If you have a dark display or one that likes to cut out, this is the culprit; if not, it will eventually be a problem.
☐ Clean controls as needed.
☐ Checked the AT unit, lubricate metal bearing points.
☐ Set final and driver bias (200mA each).
☐ Check the IF unit, add the CW sidetone LEVEL mod. This brings the sidetone LEVEL (not pitch) adjustment to the front panel MON control; a real plus for any CW operator. SSB MON function is unaffected.
☐ Replace Caps - C1 (47uF/16V/SMD) and C4, C8, C10, C15, C20, C22, C25 C27 and C66 on the CAR unit; these caps leak and will cause PC board damage.

☐ 60M transmit mod
☐ Lube the VFO main- and sub-encoder shafts (used Mobil One synthetic oil).
☐ Align RF and IF stages
☐ Adjust power output min and max; MIN goes from ten watts down to 4.5 watts; this makes you "legal" for the QRP contests and much easier to shoot for a QRP QSO, just turn the POWER control full CCW and you are under 5 watts! MAX can go to +100 watts.

You will not find a better TS-850 for sale than this one. B&B Tech said it should last another 15-20 years with these upgrades. You will not be disappointed with this radio. Due to its age, no warranty is expressed or implied, but the rig will not be DOA. The only reason I am selling this fine rig is I have been recently laid off, and I am selling off any equipment that I absolutely do not need.

The serial number is 30400335

Check what others are saying about this rig on eHam:
http://www.eham.net/reviews/detail/4

Check out this radio is use from my YouTube videos:
http://www.youtube.com/watch?v=yJRr7EikjhI
http://www.youtube.com/watch?v=JJMdxQ3MIVg&NR=1
http://www.youtube.com/watch?v=qecPMzZjyQg&feature=channel

I am asking $850 plus $40 shipping UPS ground. Please contact me offline if you are interested at: starmike@bellsouth.net

73,
Mike, N4GW

8888. TS850 calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-10 23:06:04 UTC
From: Paul
Topic: 8888 Message: 8888

Hi all,
I used to have a jumper to connect two points on the TS850 to calibrate.
Anyone knows about it. I like to know where to short to calibrate

Paul
9H1FQ

8889. RE: [TS-850_450_690] TS850 calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-11 00:16:38 UTC
From: Steve
Topic: 8888 Message: 8889

Paul,
I assume you mean the Digital Display Calibration used with
WWV? Manual page 66 - Section 6-6-7?

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul
Sent: Wednesday, February 10, 2010 6:06 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850 calibration

Hi all,
I used to have a jumper to connect two points on the TS850 to calibrate.
Anyone knows about it. I like to know where to short to calibrate

Paul
9H1FQ

[Non-text portions of this message have been removed]

8890. Re: TS850 calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-11 14:42:54 UTC
From: Paul
Topic: 8888 Message: 8890

Thanks Steve, I will have a look
Paul
9H1FQ

--- In TS-850_450_690@yahoogroups.com, "Steve" <va3fm@...> wrote:
>
> Paul,
> I assume you mean the Digital Display Calibration used with
> WWV? Manual page 66 - Section 6-6-7?
>
> Thanks,
> Steve Restinetti
> VA3FM / VE3SFV
> va3fm@...
> ve3sfv@...
> Grid: FN25OA
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Paul
> Sent: Wednesday, February 10, 2010 6:06 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS850 calibration
>
>
> Hi all,
> I used to have a jumper to connect two points on the TS850 to calibrate.
> Anyone knows about it. I like to know where to short to calibrate
>
> Paul
> 9H1FQ
>
>
>
> [Non-text portions of this message have been removed]
>

8891. TS690 50Mhz S-Meter problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-11 15:34:01 UTC
From: Mansueto
Topic: 8891 Message: 8891

Hi All,
I own a TS690 (50 Watt 6M version) and recently I noticed that on switch-on the S-Meter slowly goes to full Scale and stays like that for over 20 minutes. Any signal during this period, unless very very strong, is not audible. I tried on other bands and at present this problem is not noticeable. I believe it an AGC problem, usually from a bad Capacitor. So before I put my hand in it, has anyone suffered from this problem?
Any info is highly appreciated.
73's

Mans. 9H1GB

8892. Re: [TS-850_450_690] TS690 50Mhz S-Meter problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-11 16:07:33 UTC
From: Jordan
Topic: 8891 Message: 8892

Sounds like an open resistor won't allow the cap to discharge...73...Jordan...

----- Original Message -----
From: Mansueto
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 11, 2010 8:34 AM
Subject: [TS-850_450_690] TS690 50Mhz S-Meter problem

Hi All,
I own a TS690 (50 Watt 6M version) and recently I noticed that on switch-on the S-Meter slowly goes to full Scale and stays like that for over 20 minutes. Any signal during this period, unless very very strong, is not audible. I tried on other bands and at present this problem is not noticeable. I believe it an AGC problem, usually from a bad Capacitor. So before I put my hand in it, has anyone suffered from this problem?
Any info is highly appreciated.
73's

Mans. 9H1GB

[Non-text portions of this message have been removed]

8893. Re: [TS-850_450_690] TS690 50Mhz S-Meter problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-11 22:16:26 UTC
From: Mansueto Grech
Topic: 8891 Message: 8893

Hi Jordan,
Yes could be I'l investigate further

On 11 February 2010 17:07, Jordan <Outposter30@...> wrote:

>
>
> Sounds like an open resistor won't allow the cap to
> discharge...73...Jordan...
>
>
> ----- Original Message -----
> From: Mansueto
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Sent: Thursday, February 11, 2010 8:34 AM
> Subject: [TS-850_450_690] TS690 50Mhz S-Meter problem
>
> Hi All,
> I own a TS690 (50 Watt 6M version) and recently I noticed that on switch-on
> the S-Meter slowly goes to full Scale and stays like that for over 20
> minutes. Any signal during this period, unless very very strong, is not
> audible. I tried on other bands and at present this problem is not
> noticeable. I believe it an AGC problem, usually from a bad Capacitor. So
> before I put my hand in it, has anyone suffered from this problem?
> Any info is highly appreciated.
> 73's
>
> Mans. 9H1GB
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

8894. Re: [TS-850_450_690] TS850 calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-12 20:52:48 UTC
From: Steve Gehring
Topic: 8888 Message: 8894

This procedure has worked well for me in the recent past*: *****

A Quick Dial Calibration Check (thanks to K6LL):

1. Tune the radio to 10Mhz, so you can hear WWV.

2. Press the "tune" button on the radio (keypad #7).
3. Set vfo A to 10000.10 KHz, or 10000.50 KHz [Use the keypad for exact frequency entry with the synthesizer].
4. Set vfo B to 9999.90 KHz, or 9999.50 KHz [Use the keypad for exact frequency entry with the synthesizer].
5. Flip back and forth between vfo A and B. On both, you should hear a low tone of about 100Hz [or 500 Hz if you choose the 500 Hz offset], just off zero beat of the WWV carrier. If the tones are not equal in frequency, adjust TC-5 on the PLL Unit, as follows:

TS-850 Quick Dial Calibration

6. Remove the TS-850 top cover.
7. There is a three-stack of boards on the left side of the radio. On the left side of the lowest shield, there is an elliptical cutout. Peek inside, and you will see the screwdriver-adjustable pot TC-5.
8. Make small adjustments to TC-5, and repeat step 5 above until the two tones are exactly equal in frequency.

It works...

NL7W

On 2/10/2010 3:16 PM, Steve wrote:
>
> Paul,
> I assume you mean the Digital Display Calibration used with
> WWV? Manual page 66 - Section 6-6-7?
>
> Thanks,
> Steve Restinetti
> VA3FM / VE3SFV
> va3fm@... <mailto:va3fm%40hotmail.com>
> ve3sfv@... <mailto:ve3sfv%40gmail.com>
> Grid: FN25OA
>
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Paul

> Sent: Wednesday, February 10, 2010 6:06 PM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] TS850 calibration
>
>
> Hi all,
> I used to have a jumper to connect two points on the TS850 to calibrate.
> Anyone knows about it. I like to know where to short to calibrate
>
> Paul
> 9H1FQ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

8895. Weird meter readings using SW-2000 with TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-15 15:38:40 UTC
From: professorsolderflux
Topic: 8895 Message: 8895

Haven't seen this issue covered in posts here or elsewhere, so here goes:

I have a handsome little Kenwood SW-2000 Power/SWR meter connected to my 850 and TS-790A via the appropriate couplers (SWC-3, SWC-2 respectively). All connections are correct and secure. The coupler switches are correctly positioned at the back of the meter. The HF antenna is an 80m dipole fed with 50 ohm coax, and shows a best match of 1:1.2 on 80m using my MFJ-269 analyzer.

Now, this may be the key to the weird readings: The SW-2000 instructions show connecting the meter BETWEEN the radio and an antenna tuner and antenna. Of course the TS-850SAT has an internal automatic tuner that places it BETWEEN the radio and the meter instead.

Here's the weird readings:

With the 850 AT button in THRU position (AT bypassed), the SWR meter calibration can be made, and shows a 1:1.5 match. But in the Power position the meter will only read about 20W even though I'm running at full 100W radio output.

With the 850 AT button in AUTO position (AT engaged), the SWR meter calibration cannot be made, and at maximum setting of the calibration knob, will only cause a 65% deflection of the SWR meter (35% short of the CAL mark). The SWR meter shows a mis-match of full scale. But in the Power position, that meter will now read the correct 100W radio output.

It seems like maybe I'll have to use the THRU setting (AT bypassed) to read SWR, and return to AUTO position (AT engaged), for normal operational power readings.

I should add that there are no smoking coax cables or radios when using the AT, even though the meter shows a mis-match of infinity! :-)

I gratefully welcome any experience or insights on this issue.

Thanks and 73
Ron KØGOP (aka PS)

8896. Re: Weird meter readings using SW-2000 with TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 02:56:47 UTC
From: birchardvilleobservatory
Topic: 8895 Message: 8896

Hi, Ron...

I'd first suspect the SW-2000 meter or couplers (fairly simple to check, and relatively cheaper to replace). See if someone has something like a Bird Thruline power meter, or barring that, another known good power meter you can borrow for a bit for comparison.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "professorsolderflux" <ron@...> wrote:
>
> Haven't seen this issue covered in posts here or elsewhere, so here goes:
>
> I have a handsome little Kenwood SW-2000 Power/SWR meter connected to my 850 and TS-790A via the appropriate couplers (SWC-3, SWC-2 respectively). All connections are correct and secure. The coupler switches are correctly positioned at the back of the meter. The HF antenna is an 80m dipole fed with 50 ohm coax, and shows a best match of 1:1.2 on 80m using my MFJ-269 analyzer.
>
> Now, this may be the key to the weird readings: The SW-2000 instructions show connecting the meter BETWEEN the radio and an antenna tuner and antenna. Of course the TS-850SAT has an internal automatic tuner that places it BETWEEN the radio and the meter instead.
>
> Here's the weird readings:
>
> With the 850 AT button in THRU position (AT bypassed), the SWR meter calibration can be made, and shows a 1:1.5 match. But in the Power position the meter will only read about 20W even though I'm running at full 100W radio output.
>
> With the 850 AT button in AUTO position (AT engaged), the SWR meter calibration cannot be made, and at maximum setting of the calibration knob, will only cause a 65% deflection of the SWR meter (35% short of the CAL mark). The SWR meter shows a mis-match of full scale. But in the Power position, that meter will now read the correct 100W radio output.
>
> It seems like maybe I'll have to use the THRU setting (AT bypassed) to read SWR, and return to AUTO position (AT engaged), for normal operational power readings.
>
> I should add that there are no smoking coax cables or radios when using the AT, even though the meter shows a mis-match of infinity! :-)
>
> I gratefully welcome any experience or insights on this issue.
>
> Thanks and 73
> Ron KØGOP (aka PS)
>

8897. An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 07:20:18 UTC
From: Jose V. Gavila
Topic: 8897 Message: 8897

Hello!

This last weekend I have been working on a Kenwood TS-850S with a fault I had never found before nor have found documented on the WEB (see note at the end)

Symptoms were some very strong noises coming from the speaker, even without antenna connected. S-meter signals were up to about 9-9+20dB. Noise was like static crashes and didn't have a repetitive pattern. From time to time, they were gone. But, luckily, most of the time noise was present.

I first thought on CAR UNIT faults, but oscillators were clean and I found that CAR UNIT SMD capacitors had been already replaced. I checked also AF amplifier area, which was OK. Then I checked IF signals and the noise was there, of course, but the cause for it was not found in the signal chain from AF to second IF. I found that disconnecting the receiving IF cable from RF to IF PCB (8.83MHz IF signal) eliminated the noise, so it shoud be closer to the antenna... The problem is that signals are of a very low level at first RF stages so they can't be seen with the oscilloscope.

I then checked power supplies and, yes, there was some noise on them. But just some mV. I thought that noise was not the cause but the result of whatever generated that noise.

I went back to schematics, trying to find what could cause such erratic noise. RF amplifiers seemed OK and noise on them was barely visible, again in the power supply. Then I saw in the RF UNIT schematic an small digital transistor which switched on an attenuator on RX section when trasmitting... could that be the problem?. I put the oscilloscope on the collector and, BINGO, there it was!!!. The transistor was switching on and off by itself!

As it is only useful when transmitting, I removed it from the circuit and then a perfect reception came back. GREAT!!! (of course, I later replaced it with a new one)

For your reference, transistor is Q49 (DTC124EK), located on page 121 of Service Manual (both PDF and real page numbers are the same), on the top left corner, labelled as RF SW

Hope this saves someone the work to locate a similar fault!

Best regards,

JOSE

Note: now that I know that it was Q49, looking on the WEB and on this Group for TS-850S and Q49 reveals this transistor can also generate low sensitivity and trasmitting problems, but the cracking noise seems to be not documented.

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

8898. [TS-850_450_690] FSK & ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 09:16:43 UTC
From: CT1EEK Nuno
Topic: 8898 Message: 8898

Hello!

I think many "ink" was already lost concerning this matter but anyway...

When I'm TXing on FSK the ALC keeps turn up & down and the PWR also up & down?. When ALC up, PWR down! hi

Is it normal? Or I've somewhere a damaged hardware?

Nuno CT1EEK
IM59HD

[Non-text portions of this message have been removed]

8899. Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 06:09:05 UTC
From: Dennis
Topic: 8899 Message: 8899

Hello I am having problems on getting my TS-690s to transmit in the CW mode I am going by the the manual instructions on the steps to operate in CW but it will not key up at all in the CW mode at all can any one help me with this an has any one eles have this problem? Thanks for reading Dennis N5LED 73...

8900. Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 10:50:18 UTC
From: avvidclif
Topic: 8897 Message: 8900

Not documented but well known, at least to me, just nobody asked....

Clif

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hello!
>
> This last weekend I have been working on a Kenwood TS-850S with a fault I had
> never found before nor have found documented on the WEB (see note at the end)
>
> Symptoms were some very strong noises coming from the speaker, even without
> antenna connected. S-meter signals were up to about 9-9+20dB. Noise was like
> static crashes and didn't have a repetitive pattern. From time to time, they
> were gone. But, luckily, most of the time noise was present.
>
> I first thought on CAR UNIT faults, but oscillators were clean and I found that
> CAR UNIT SMD capacitors had been already replaced. I checked also AF amplifier
> area, which was OK. Then I checked IF signals and the noise was there, of
> course, but the cause for it was not found in the signal chain from AF to second
> IF. I found that disconnecting the receiving IF cable from RF to IF PCB (8.83MHz
> IF signal) eliminated the noise, so it shoud be closer to the antenna... The
> problem is that signals are of a very low level at first RF stages so they can't
> be seen with the oscilloscope.
>
> I then checked power supplies and, yes, there was some noise on them. But just
> some mV. I thought that noise was not the cause but the result of whatever
> generated that noise.
>
> I went back to schematics, trying to find what could cause such erratic noise.
> RF amplifiers seemed OK and noise on them was barely visible, again in the power
> supply. Then I saw in the RF UNIT schematic an small digital transistor which
> switched on an attenuator on RX section when trasmitting... could that be the
> problem?. I put the oscilloscope on the collector and, BINGO, there it was!!!.
> The transistor was switching on and off by itself!
>
> As it is only useful when transmitting, I removed it from the circuit and then a
> perfect reception came back. GREAT!!! (of course, I later replaced it with a new
> one)
>
> For your reference, transistor is Q49 (DTC124EK), located on page 121 of Service
> Manual (both PDF and real page numbers are the same), on the top left corner,
> labelled as RF SW
>
> Hope this saves someone the work to locate a similar fault!

>
> Best regards,
>
> JOSE
>
> Note: now that I know that it was Q49, looking on the WEB and on this Group for
> TS-850S and Q49 reveals this transistor can also generate low sensitivity and
> trasmitting problems, but the cracking noise seems to be not documented.
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment..... http://jvgavila.com
> RadioRepair BLOG..... http://radiorepair.blogspot.com
>

8901. RE: [TS-850_450_690] Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 11:08:48 UTC
From: Jose V. Gavila
Topic: 8897 Message: 8901

Hi Clif,

>Not documented but well known, at least to me, just nobody asked....

OK, but that, for people like me who has not worked in so many 850s as you have sure done (I have fixed a mere dozen or so), is the same that not being documented. For myself it was a discovery, even if I was not the first one to find it, as I suspected.

At least now it is written for future users :-)!

Thanks and best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

8902. Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 13:45:03 UTC
From: avvidclif
Topic: 8897 Message: 8902

My comment, on second reading, didn't sound right. My apologies. I imagine it took me more time to find it the first time than you.

Now for your notes. The exact same circuit is used in the 450/690 radios. The 570 and 870 have a variation.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hi Clif,
>
> >Not documented but well known, at least to me, just nobody asked....
>
> OK, but that, for people like me who has not worked in so many 850s as you have
> sure done (I have fixed a mere dozen or so), is the same that not being
> documented. For myself it was a discovery, even if I was not the first one to
> find it, as I suspected.
>
> At least now it is written for future users :-)!
>
> Thanks and best regards,
>
> JOSE
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment.......... http://jvgavila.com
> RadioRepair BLOG.............. http://radiorepair.blogspot.com
>

8903. Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 13:08:34 UTC
From: professorsolderflux
Topic: 8897 Message: 8903

Thanks Jose,

Nice job of signal tracing! I would not have thought of that one.
Thanks for taking the time to document it.

73' Ron KØGOP

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hello!
>
> This last weekend I have been working on a Kenwood TS-850S with a fault I had
> never found before nor have found documented on the WEB (see note at the end)
>
> Symptoms were some very strong noises coming from the speaker, even without
> antenna connected. S-meter signals were up to about 9-9+20dB. Noise was like
> static crashes and didn't have a repetitive pattern. From time to time, they
> were gone. But, luckily, most of the time noise was present.
>
> I first thought on CAR UNIT faults, but oscillators were clean and I found that
> CAR UNIT SMD capacitors had been already replaced. I checked also AF amplifier
> area, which was OK. Then I checked IF signals and the noise was there, of
> course, but the cause for it was not found in the signal chain from AF to second
> IF. I found that disconnecting the receiving IF cable from RF to IF PCB (8.83MHz
> IF signal) eliminated the noise, so it shoud be closer to the antenna... The
> problem is that signals are of a very low level at first RF stages so they can't
> be seen with the oscilloscope.
>
> I then checked power supplies and, yes, there was some noise on them. But just
> some mV. I thought that noise was not the cause but the result of whatever
> generated that noise.
>
> I went back to schematics, trying to find what could cause such erratic noise.
> RF amplifiers seemed OK and noise on them was barely visible, again in the power
> supply. Then I saw in the RF UNIT schematic an small digital transistor which
> switched on an attenuator on RX section when trasmitting... could that be the
> problem?. I put the oscilloscope on the collector and, BINGO, there it was!!!.
> The transistor was switching on and off by itself!
>
> As it is only useful when transmitting, I removed it from the circuit and then a
> perfect reception came back. GREAT!!! (of course, I later replaced it with a new
> one)
>
> For your reference, transistor is Q49 (DTC124EK), located on page 121 of Service
> Manual (both PDF and real page numbers are the same), on the top left corner,
> labelled as RF SW

>
> Hope this saves someone the work to locate a similar fault!
>
> Best regards,
>
> JOSE
>
> Note: now that I know that it was Q49, looking on the WEB and on this Group for
> TS-850S and Q49 reveals this transistor can also generate low sensitivity and
> trasmitting problems, but the cracking noise seems to be not documented.
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment..... http://jvgavila.com
> RadioRepair BLOG..... http://radiorepair.blogspot.com
>

8904. Re: [TS-850_450_690] Weird meter readings using SW-2000 with TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 13:51:12 UTC
From: John Merrill
Topic: 8895 Message: 8904

I might try changing the length of cable between the radio and the meter.

On Mon, Feb 15, 2010 at 8:38 AM, professorsolderflux <ron@...> wrote:
> Haven't seen this issue covered in posts here or elsewhere, so here goes:
>
> I have a handsome little Kenwood SW-2000 Power/SWR meter connected to my 850 and TS-790A via the appropriate couplers (SWC-3, SWC-2 respectively). All connections are correct and secure. The coupler switches are correctly positioned at the back of the meter. The HF antenna is an 80m dipole fed with 50 ohm coax, and shows a best match of 1:1.2 on 80m using my MFJ-269 analyzer.
>
> Now, this may be the key to the weird readings: The SW-2000 instructions show connecting the meter BETWEEN the radio and an antenna tuner and antenna. Of course the TS-850SAT has an internal automatic tuner that places it BETWEEN the radio and the meter instead.
>
> Here's the weird readings:
>
> With the 850 AT button in THRU position (AT bypassed), the SWR meter calibration can be made, and shows a 1:1.5 match. But in the Power position the meter will only read about 20W even though I'm running at full 100W radio output.
>
> With the 850 AT button in AUTO position (AT engaged), the SWR meter calibration cannot be made, and at maximum setting of the calibration knob, will only cause a 65% deflection of the SWR meter (35% short of the CAL mark). The SWR meter shows a mis-match of full scale. But in the Power position, that meter will now read the correct 100W radio output.
>
> It seems like maybe I'll have to use the THRU setting (AT bypassed) to read SWR, and return to AUTO position (AT engaged), for normal operational power readings.
>
> I should add that there are no smoking coax cables or radios when using the AT, even though the meter shows a mis-match of infinity! :-)
>
> I gratefully welcome any experience or insights on this issue.
>
> Thanks and 73
> Ron KØGOP (aka PS)
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
>
>

>
>

8905. RE: [TS-850_450_690] Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 14:03:21 UTC
From: Jose V. Gavila
Topic: 8897 Message: 8905

Hi Clif,

>My comment, on second reading, didn't sound right. My apologies. I imagine it
>took me more time to find it the first time than you.

No problem, my friend. We have met in several Groups over the years and I know
you are always willing to help :-)

>Now for your notes. The exact same circuit is used in the 450/690 radios. The
>570 and 870 have a variation.

OK, thanks!. BTW, once I found a deafening effect in a similar circuit also on a
TS-2000. It is good to know those small transistors are there and are prone to
go if there is excessive RF in the antenna.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

8906. Re: [TS-850_450_690] Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 14:03:31 UTC
From: Paul Debono
Topic: 8897 Message: 8906

Taking about noise, I find the carrier insertion of the TS850 is rather noisy compared to other radios.
What I mean is on AM the signal to noise is most excellent, but when switching to SSB or CW you would expect some more noise, but I think on the TS850 is rather high . Phase noise ?

Paul
9H1FQ

On 16 February 2010 14:45, avvidclif <clif@...> wrote:

>
>
> My comment, on second reading, didn't sound right. My apologies. I imagine
> it took me more time to find it the first time than you.
>
> Now for your notes. The exact same circuit is used in the 450/690 radios.
> The 570 and 870 have a variation.
>
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Jose V. Gavila" <eb5agv@...> wrote:
> >
> > Hi Clif,
> >
> > >Not documented but well known, at least to me, just nobody asked....
> >
> > OK, but that, for people like me who has not worked in so many 850s as
> you have
> > sure done (I have fixed a mere dozen or so), is the same that not being
> > documented. For myself it was a discovery, even if I was not the first
> one to
> > find it, as I suspected.
> >
> > At least now it is written for future users :-)!
> >
> > Thanks and best regards,
> >
> > JOSE
> >
> > --
> > 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> > Vintage Radio and Test Equipment.......... http://jvgavila.com
> > RadioRepair BLOG.............. http://radiorepair.blogspot.com

> >
>
>
>

[Non-text portions of this message have been removed]

8907. Re: [TS-850_450_690] Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 20:13:45 UTC
From: Dave ve3wej
Topic: 8899 Message: 8907

is the vox on????

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 16, 2010 1:09 AM
Subject: [TS-850_450_690] Help with CW

Hello I am having problems on getting my TS-690s to transmit in the CW mode I am going by the the manual instructions on the steps to operate in CW but it will not key up at all in the CW mode at all can any one help me with this an has any one eles have this problem? Thanks for reading Dennis N5LED 73...

[Non-text portions of this message have been removed]

8908. Re: [TS-850_450_690] FSK & ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 20:14:38 UTC
From: Dave ve3wej
Topic: 8898 Message: 8908

common problem..

documentation on the web about it..

----- Original Message -----
From: CT1EEK Nuno
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 16, 2010 4:16 AM
Subject: [TS-850_450_690] FSK & ALC

Hello!

I think many "ink" was already lost concerning this matter but anyway...

When I'm TXing on FSK the ALC keeps turn up & down and the PWR also up & down?. When ALC up, PWR down! hi

Is it normal? Or I've somewhere a damaged hardware?

Nuno CT1EEK
IM59HD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8909. Re: [TS-850_450_690] FSK & ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-16 22:28:10 UTC
From: Tom Jones N8NMA
Topic: 8898 Message: 8909

I believe this is the DC / DC board. And they are still available to buy.

Tom N8NMA

--- On Tue, 2/16/10, CT1EEK Nuno <nunoct1eek@sapo.pt> wrote:

From: CT1EEK Nuno <nunoct1eek@...>
Subject: [TS-850_450_690] FSK & ALC
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 16, 2010, 4:16 AM

Hello!

I think many "ink" was already lost concerning this matter but anyway...

When I'm TXing on FSK the ALC keeps turn up & down and the PWR also up & down?. When ALC up, PWR down! hi

Is it normal? Or I've somewhere a damaged hardware?

Nuno CT1EEK
IM59HD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8910. Re: [TS-850_450_690] Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-17 02:16:58 UTC
From: Tom Osborne
Topic: 8899 Message: 8910

Hi Dennis

Do you have vox on? vox has to be on to send CW.

Does it work in the other modes?

If it doesn't work in the other modes, you may have to go to the menu by holding in the LSB/USB key when turning the rig on. Then make sure that menu item 19 is set to OFF. 73 and GL
Tom W7WHY

> Hello I am having problems on getting my TS-690s to transmit in the CW
> mode I am going by the the manual instructions on the steps to operate in
> CW but it will not key up at all in the CW mode at all can any one help me
> with this an has any one eles have this problem? Thanks for reading Dennis
> N5LED 73...

8911. Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-17 14:21:38 UTC
From: n0sya
Topic: 8897 Message: 8911

"Re: An interesting fault in a TS-850S
Posted by: "Paul Debono" pawlud@gmail.com pauldebono@...
Date: Tue Feb 16, 2010 6:06 am ((PST))

Taking about noise, I find the carrier insertion of the TS850 is rather
noisy compared to other radios.
What I mean is on AM the signal to noise is most excellent, but when
switching to SSB or CW you would expect some more noise, but I think on the
TS850 is rather high . Phase noise ?

Paul
9H1FQ"

Hi
I think the "noise" you are noticing when in cw/ssb is not phase noise as the 850 (when aligned to specs) is very clean in that respect, but rather band noise that is allowed through to your ears by the lack of a hang agc action. The decay is still too fast in the slow agc position as far as I am concerned.

Chris

8912. Re: [TS-850_450_690] Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-17 14:35:19 UTC
From: Zack Widup
Topic: 8897 Message: 8912

Maybe a note about this should be put in the group's Files section? It's sometimes awfully hard to locate advice like this in back e-mails.

73, Zack W9SZ

On Tue, Feb 16, 2010 at 5:08 AM, Jose V. Gavila <eb5agv@...> wrote:

>
>
> Hi Clif,
>
>
> >Not documented but well known, at least to me, just nobody asked....
>
> OK, but that, for people like me who has not worked in so many 850s as you
> have
> sure done (I have fixed a mere dozen or so), is the same that not being
> documented. For myself it was a discovery, even if I was not the first one
> to
> find it, as I suspected.
>
> At least now it is written for future users :-)!
>
> Thanks and best regards,
>
> JOSE
>
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment..... http://jvgavila.com
> RadioRepair BLOG..... http://radiorepair.blogspot.com
>
>
>

[Non-text portions of this message have been removed]

8913. Re: [TS-850_450_690] Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-19 22:07:16 UTC
From: Dennis Ballengee
Topic: 8899 Message: 8913

yes the vox is turned on. i cant even talk voice with vox. i can ptt works fine. i think im having problems with my vox. i tryed to ajust the antivox an the others but still nothing.

--- On Tue, 2/16/10, Dave ve3wej <ve3wej@gmail.com> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] Help with CW
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 16, 2010, 8:13 PM

is the vox on????

----- Original Message -----
From: Dennis
To: TS-850_450_690@ yahoogroups. com
Sent: Tuesday, February 16, 2010 1:09 AM
Subject: [TS-850_450_ 690] Help with CW

Hello I am having problems on getting my TS-690s to transmit in the CW mode I am going by the the manual instructions on the steps to operate in CW but it will not key up at all in the CW mode at all can any one help me with this an has any one eles have this problem? Thanks for reading Dennis N5LED 73...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8914. Re: [TS-850_450_690] Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-19 23:35:35 UTC
From: Dave ve3wej
Topic: 8899 Message: 8914

can you talk on ssb without vox, and check your vox gain control , it may be also too low

what about fsk mode, set radio in fsk, hit send, should be full scale deflection. if not maybe car level is too low, pwr level too low...

----- Original Message -----
From: Dennis Ballengee
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 19, 2010 5:07 PM
Subject: Re: [TS-850_450_690] Help with CW

yes the vox is turned on. i cant even talk voice with vox. i can ptt works fine. i think im having problems with my vox. i tryed to ajust the antivox an the others but still nothing.

--- On Tue, 2/16/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] Help with CW
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 16, 2010, 8:13 PM

is the vox on????

----- Original Message -----
From: Dennis
To: TS-850_450_690@ yahoogroups. com
Sent: Tuesday, February 16, 2010 1:09 AM
Subject: [TS-850_450_ 690] Help with CW

Hello I am having problems on getting my TS-690s to transmit in the CW mode I am going by the the manual instructions on the steps to operate in CW but it will not key up at all in the CW mode at all can any one help me with this an has any one eles have this problem? Thanks for reading Dennis N5LED 73...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8915. Need CAR UNIT parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-20 15:57:47 UTC
From: Jose V. Gavila
Topic: 8915 Message: 8915

Hello!

Well, I have fixed about a dozen TS-850S and none had any damaged DDS chip... until the one which has arrived today from a local radioclub. It had lots of leaky caps in the CAR UNIT, as usual, but the condition seemed to be quite right, with almost no decoloration on the PCB. So I have removed caps, cleaned residue and put new caps, as I use to do in these cases. But no joy. A couple of DDS chips (which in fact are the newer 66312 units) are dead, measuring about 5 Ohm from power input to GND.

So I wonder if someone has any spare around (DDS chips, complete unit, ...)

I would even buy a damaged CAR UNIT with one or more good DDSs, to salvage them.

Thanks and best regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

8916. Re: Need CAR UNIT parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-20 17:54:14 UTC
From: John
Topic: 8915 Message: 8916

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hello!
>
> Well, I have fixed about a dozen TS-850S and none had any damaged DDS
> chip... until the one which has arrived today from a local radioclub.
> It had lots of leaky caps in the CAR UNIT, as usual, but the
> condition seemed to be quite right, with almost no decoloration on
> the PCB. So I have removed caps, cleaned residue and put new caps, as
> I use to do in these cases. But no joy. A couple of DDS chips (which
> in fact are the newer 66312 units) are dead, measuring about 5 Ohm
> from power input to GND.
>

> So I wonder if someone has any spare around (DDS chips, complete unit, ...)
>
> I would even buy a damaged CAR UNIT with one or more good DDSs, to
> salvage them.
>
> Thanks and best regards,
>
> JOSE
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment.......... http://jvgavila.com
> RadioRepair BLOG.............. http://radiorepair.blogspot.com
>

Hi Jose,I have a CAR BOARD with no DDS chips on it but its in reasonable condition, all the caps have been removed also and it shows signs that the caps have been leaking before removal, i also have 2 YM66312 chips that are in working order because i bought them from EAST COAST TRANSISTOR just before they went obselete, i did have 4 but sold 2 to a local ham for his TS450 and then realised i had made a big mistake when i tried to replace them, i did have these chips mounted on the CAR BOARD that i have because i was planning to salvage the board but i took them off after i sold the other 2, these 2 chips have never had power through them so are still in new condition but with no boxes, i also have an old chip (6631) that i believe is still in working order, if any of these items are of use to you then contact me and i will send you pictures of what ive got, iam sure i still have the receipts for the 66312s that i can show you.

John

8917. TS850 Cap/bad trace replacement question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-22 18:59:34 UTC
From: va3jff
Topic: 8917 Message: 8917

Hi All.

I opened up my TS850 this weekend to see the condition of the carrier board caps. Luckily, the previous owner must have done this as well, as the 47uF cap had already been changed out. Of the ten 10uF caps, nine are still in good condition, although they are the originals.

The last 10uF cap has started to leak, and it has lifted the trace. It is the cap on the top right corner of the board nearest IC4, and the trace in question seems to run under the DDS chip - and of course broke off really close to the chip. I don't see an easier tie-in spot for the trace ... is there a more convenient location?

Thanks.
Jeff - VA3JFF / VE3CW

8918. Re: TS850 Cap/bad trace replacement question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-23 05:08:20 UTC
From: va3jff
Topic: 8917 Message: 8918

The members of this group work fast! I received a picture with a description letting me know where that trace leads to, and the repair will be easy and straight forward, and I get to keep the DDS chip in place which will certainly make life easier.

Thanks!

Jeff - VA3JFF / VE3CW

--- In TS-850_450_690@yahoogroups.com, "va3jff" <va3jff@...> wrote:
>
> Hi All.
>
> I opened up my TS850 this weekend to see the condition of the carrier board caps. Luckily, the previous owner must have done this as well, as the 47uF cap had already been changed out. Of the ten 10uF caps, nine are still in good condition, although they are the originals.
>
> The last 10uF cap has started to leak, and it has lifted the trace. It is the cap on the top right corner of the board nearest IC4, and the trace in question seems to run under the DDS chip - and of course broke off really close to the chip. I don't see an easier tie-in spot for the trace ... is there a more convenient location?
>
> Thanks.
> Jeff - VA3JFF / VE3CW
>

8919. 0.3% 10n capaciotrs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-24 10:06:45 UTC
From: Paul
Topic: 8919 Message: 8919

Anyone needing 0.01uf 0.3% (yes- zero point three percent) capacitors can have a look here. They are a bit bulky for solid state circuits, more suitable to valves:

http://cgi.ebay.com/0-01uF-350V-0-3-tol-SILVER-MICA-capacitors-20pcs_W0QQitemZ380208033501QQcmdZViewItemQQptZLH_DefaultDomain_0?hash=item58862a2edd

Paul
9H1FQ

8920. TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-25 20:04:03 UTC
From: k7cu
Topic: 8920 Message: 8920

Has anyone had experience interfacing a TS850 with either the N1MM logging program or DX4WIN? If so, I would appreciate information on how you did it. Thanks...
73 de Curt K7CU

8921. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-25 22:25:20 UTC
From: Dave ve3wej
Topic: 8920 Message: 8921

make sure your settings are 4800, 8, n, 2 and select the com port, and it should work with almost any software

----- Original Message -----
From: k7cu
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 25, 2010 3:04 PM
Subject: [TS-850_450_690] TS850 with N1MM and DX4WIN

Has anyone had experience interfacing a TS850 with either the N1MM logging program or DX4WIN? If so, I would appreciate information on how you did it. Thanks...
73 de Curt K7CU

[Non-text portions of this message have been removed]

8922. Looking for TS-850 color schematics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 09:12:16 UTC
From: iz8itt
Topic: 8922 Message: 8922

Hello friends

I am looking for TS-850 colour schematics.

I am making some interesting modifications to my rig thanks to the help of I7SWX Giancarlo, such as 2nd mixer replacing with H-mode one, insertion of VCO PSU filter and more and i need a more clear schematics.

I have been looking on internet for that but no results.

If you are interested in that mods you can found some pictures here:

http://www.aricampobasso.it/foto.php?ids=14&pagina=1&act=show

It is only in italian at moment. I will post the pictures of 2nd mixer replacement soon

For any other info on this mods you can contact i7swx@...

Any help will be appreciated.

Thank you in advance

IZ8ITT Antonello
iz8itt@...

8923. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 04:44:23 UTC
From: Gary K9GS
Topic: 8920 Message: 8923

Sure....my 850 interfaces flawlessly with N1MM and Logger32. What are you using for an interface and what problems are you experiencing??

73,

Gary K9GS

----- Original Message -----
From: "k7cu" <k7cu@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 25, 2010 2:04 PM
Subject: [TS-850_450_690] TS850 with N1MM and DX4WIN

> Has anyone had experience interfacing a TS850 with either the N1MM logging
> program or DX4WIN? If so, I would appreciate information on how you did
> it. Thanks...
> 73 de Curt K7CU
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8924. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 16:13:40 UTC
From: Anthony W. DePrato
Topic: 8920 Message: 8924

At 03:04 PM 2/25/2010, you wrote:
>Has anyone had experience interfacing a TS850 with either the N1MM
>logging program

Curt not a problem N1mm works great with the 850 all you need is an
interface. G3ZLP http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml
has a plug and play one that is great i have 6 of them for my
850's950's and 870's. takes about 5 days from the UK.
check out the website
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8925. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 16:38:17 UTC
From: Roland AH6RR
Topic: 8920 Message: 8925

I am using one of the G3ZLP interfaces on my 850 and I have no problem with N1MM, HRD, MMTTY, XMLog and a bunch of other programs they work great. Very simple to setup you just need to tell the software the correct com port where the radio is. If you use a USB to RS232 then you need to find out what com port it assigned it to. After that its all ready to rock and roll.
Roland AH6RR

[Non-text portions of this message have been removed]

8926. RE: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 17:58:57 UTC
From: Bob AD5VJ
Topic: 8920 Message: 8926

Speaking of interfacing an 850 I may be owning one soon what it the best interface available out there other than the 100.00 IF-232 that seems a little steep for a level controller. And do you have to have an operational board installed in the 850 or do they come stock in them.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Gary K9GS
> Sent: Thursday, February 25, 2010 10:44 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS850 with N1MM and DX4WIN
>
> Sure....my 850 interfaces flawlessly with N1MM and Logger32. What are
> you
> using for an interface and what problems are you experiencing??
>
> 73,
>
> Gary K9GS
>
> ----- Original Message -----
> From: "k7cu" <k7cu@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, February 25, 2010 2:04 PM
> Subject: [TS-850_450_690] TS850 with N1MM and DX4WIN
>
>
> > Has anyone had experience interfacing a TS850 with either the N1MM
> logging
> > program or DX4WIN? If so, I would appreciate information on how you
> did
> > it. Thanks...
> > 73 de Curt K7CU
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >

>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8927. RE: [TS-850_450_690] Looking for TS-850 color schematics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 21:29:32 UTC
From: Steve
Topic: 8922 Message: 8927

We're the schematics ever released in color?

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of iz8itt
Sent: Friday, February 26, 2010 4:12 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Looking for TS-850 color schematics

Hello friends

I am looking for TS-850 colour schematics.

I am making some interesting modifications to my rig thanks to the help of
I7SWX Giancarlo, such as 2nd mixer replacing with H-mode one, insertion of
VCO PSU filter and more and i need a more clear schematics.

I have been looking on internet for that but no results.

If you are interested in that mods you can found some pictures here:

http://www.aricampobasso.it/foto.php?ids=14
<http://www.aricampobasso.it/foto.php?ids=14&pagina=1&act=show>
&pagina=1&act=show

It is only in italian at moment. I will post the pictures of 2nd mixer
replacement soon

For any other info on this mods you can contact i7swx@...
<mailto:i7swx%40yahoo.com>

Any help will be appreciated.

Thank you in advance

IZ8ITT Antonello
iz8itt@... <mailto:iz8itt%40aricampobasso.it>

[Non-text portions of this message have been removed]

8928. RE: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 22:27:52 UTC
From: Roland AH6RR
Topic: 8920 Message: 8928

Aloha Bob,
G4ZLP has a great interface for half that price it works perfect. That's all you need everything else is in radio.

Roland AH6RR

[Non-text portions of this message have been removed]

8929. Re: Looking for TS-850 color schematics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-26 22:40:35 UTC
From: iz8itt
Topic: 8922 Message: 8929

Hi Steve

Yes, they have been released along with the service manual. The black and white version that you can found on internet have been taken from a coloured original version that included PCB layout too.

I have found a couple of pages on internet but nothing more.

But they exist. So if you know where i can download them i will be really glad

Antonello

--- In TS-850_450_690@yahoogroups.com, "Steve" <va3fm@...> wrote:
>
> We're the schematics ever released in color?
>
> Thanks,
> Steve Restinetti
> VA3FM / VE3SFV
> va3fm@...
> ve3sfv@...
> Grid: FN25OA
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of iz8itt
> Sent: Friday, February 26, 2010 4:12 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Looking for TS-850 color schematics
>
>
> Hello friends
>
> I am looking for TS-850 colour schematics.
>
> I am making some interesting modifications to my rig thanks to the help of
> I7SWX Giancarlo, such as 2nd mixer replacing with H-mode one, insertion of
> VCO PSU filter and more and i need a more clear schematics.
>
> I have been looking on internet for that but no results.
>
> If you are interested in that mods you can found some pictures here:
>
> http://www.aricampobasso.it/foto.php?ids=14
> <http://www.aricampobasso.it/foto.php?ids=14&pagina=1&act=show>
> &pagina=1&act=show
>

> It is only in italian at moment. I will post the pictures of 2nd mixer
> replacement soon
>
> For any other info on this mods you can contact i7swx@...
> <mailto:i7swx%40yahoo.com>
>
> Any help will be appreciated.
>
> Thank you in advance
>
> IZ8ITT Antonello
> iz8itt@... <mailto:iz8itt%40aricampobasso.it>
>
>
>
> [Non-text portions of this message have been removed]
>

8930. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 01:46:00 UTC
From: KG5KS - Kenny Thompson
Topic: 8920 Message: 8930

I bought a Donner Interface for my KW TS-450SAT. Works great and think it was $30.00.

http://home.att.net/~n8st/rigcontrol.html

Thank you
73
Kenny
ARS KG5KS

From: Roland AH6RR <Toesonnose@...>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, February 26, 2010 4:27:52 PM
Subject: RE: [TS-850_450_690] TS850 with N1MM and DX4WIN

Aloha Bob,
G4ZLP has a great interface for half that price it works perfect. That's all you need everything else is in radio.

Roland AH6RR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8931. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 03:02:52 UTC
From: Tom Osborne
Topic: 8920 Message: 8931

Ditto here with my '450SAT's. I have 2 of them. It only took 6 days
shipping from the U.K. to Oregon. 73
Tom W7WHY

>I am using one of the G3ZLP interfaces on my 850 and I have no problem with
>N1MM, HRD, MMTTY, XMLog and a bunch of other programs they work great. Very
>simple to setup you just need to tell the software the correct com port
>where the radio is. If you use a USB to RS232 then you need to find out
>what com port it assigned it to. After that its all ready to rock and roll.
> Roland AH6RR

8932. Re: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 03:05:35 UTC
From: Tom Osborne
Topic: 8920 Message: 8932

Hi Bob

Go to eBay and search G4ZLP. First rate product.
Tom W7WHY

> Speaking of interfacing an 850 I may be owning one soon what it the best
> interface available out there other than the 100.00 IF-232 that seems a
> little steep for a level controller. And do you have to have an
> operational
> board installed in the 850 or do they come stock in them.
>
> Bob AD5VJ
>

8933. RE: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 03:38:32 UTC
From: Anthony W. DePrato
Topic: 8920 Message: 8933

Bob go to the G4ZLP website best interface i have used.
73 Tony

At 12:58 PM 2/26/2010, you wrote:
>Speaking of interfacing an 850 I may be owning one soon what it the best
>interface available out there other than the 100.00 IF-232 that seems a
>little steep for a level controller. And do you have to have an operational
>board installed in the 850 or do they come stock in them.
>
>Bob AD5VJ

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

8934. Re: Looking for TS-850 color schematics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 08:59:19 UTC
From: tk5ep
Topic: 8922 Message: 8934

Hi Antonello,

For what are these mods good for ?? I never heard about them before...

Concerning colors diagrams, i have the service manual and diagrams as well as layouts are in colour (red and black)

I'm not ready to scan everything but if you need a particular board, i will see wht i can do at work where we have an A3 scanner.

Ciao & 73 , Patrick TK5EP

--- In TS-850_450_690@yahoogroups.com, "iz8itt" <iz8itt@...> wrote:
>
> Hello friends
>
> I am looking for TS-850 colour schematics.
>
> I am making some interesting modifications to my rig thanks to the help of I7SWX Giancarlo, such as 2nd mixer replacing with H-mode one, insertion of VCO PSU filter and more and i need a more clear schematics.
>
> I have been looking on internet for that but no results.
>
> If you are interested in that mods you can found some pictures here:
>
> http://www.aricampobasso.it/foto.php?ids=14&pagina=1&act=show
>
> It is only in italian at moment. I will post the pictures of 2nd mixer replacement soon
>
> For any other info on this mods you can contact i7swx@...
>
> Any help will be appreciated.
>
> Thank you in advance
>
> IZ8ITT Antonello
> iz8itt@...
>

8935. Re: Looking for TS-850 color schematics and PCB layouts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 10:53:34 UTC
From: iz8itt
Topic: 8922 Message: 8935

Hi Patrick and thanks for reply.

These mods have been thought and projected by Giancarlo Moda I7SWX who realized also some kits for the radiohams that want to make these mods.

At present we have 3 main mods ready.

1) Replacing of RX 2nd mixer with an H-mode mixer

There are mixers that make use of the Fast Bus Switches (FST3125, FST3253 - I7SWX) and recently the analog switch (FSA3157), the latter applied in particular the H-Mode Mixer developed by G3SBI.
These mixers allow approximately +40 dBm IIP3 and up to +50 dBm, requiring low power values of the oscillator. The results are more selectivity, lower intermodulation and lower noise.

2) VCO PSU filter

Many voltage regulators have excessive noise output, including circuit-switched pulses and spurious variables by references unfiltered.
The usual three-pin voltage regulators have several hundreds of nano-volts per root hertz of white noise and some components of the reference voltage exceeds
a microvolt per root-hertz.
DC-DC converters and switched regulators may have switching product around millivolt and covering a wide spectrum of frequency. Furthermore, many systems
have stages or components that "dirty" power lines, basically clean.
This is a circuit for reducing noise PSU and must be inserted in the supply line of the VCO to decrease the ripple present with the possibility of reducing the phase noise.

3) Rf preamp mods for better signal/noise ratio.

Others are to came on such as insertion of a diplexer in front of a roofing filter, panoramic receiver and 2nd RX.

All these mods have been applied with success on other rigs such as icom 775, yaesu FT100 etc. improving their performance a lot.
Measurements have prooved that these modified rigs are equal and even better of last produced rigs as ic 7800 and similar.

Giancarlo says that same result can be achieved on TS-850 and many other old rigs.

But regarding TS-850 i am the only crazy guy experimenting his solutions at moment ! HI

About the schematics it will be nice to have at least a copy of RF BOARD PCB layout, front and rear side.

If you can do that, it will be very helpful.

If you need more explanation you can write me to iz8itt@...

Thank you in advance for your kindly help

Ciao
IZ8ITT Antonello

--- In TS-850_450_690@...m, "tk5ep" <pegloff@...> wrote:
>
> Hi Antonello,
>
> For what are these mods good for ?? I never heard about them before...
>
> Concerning colors diagrams, i have the service manual and diagrams as well as layouts are in colour (red and black)
>
>
> I'm not ready to scan everything but if you need a particular board, i will see wht i can do at work where we have an A3 scanner.
>
> Ciao & 73 , Patrick TK5EP
>
>
> --- In TS-850_450_690@yahoogroups.com, "iz8itt" <iz8itt@> wrote:
> >
> > Hello friends
> >
> > I am looking for TS-850 colour schematics.
> >
> > I am making some interesting modifications to my rig thanks to the help of I7SWX Giancarlo, such as 2nd mixer replacing with H-mode one, insertion of VCO PSU filter and more and i need a more clear schematics.
> >
> > I have been looking on internet for that but no results.
> >
> > If you are interested in that mods you can found some pictures here:
> >
> > http://www.aricampobasso.it/foto.php?ids=14&pagina=1&act=show
> >
> > It is only in italian at moment. I will post the pictures of 2nd mixer replacement soon
> >
> > For any other info on this mods you can contact i7swx@
> >
> > Any help will be appreciated.
> >
> > Thank you in advance
> >
> > IZ8ITT Antonello
> > iz8itt@
> >
>

8936. RE: [TS-850_450_690] TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-27 03:48:39 UTC
From: Bob AD5VJ
Topic: 8920 Message: 8936

Found em and bagged em

Thanks guys

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Tom Osborne
> Sent: Friday, February 26, 2010 9:06 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS850 with N1MM and DX4WIN
>
> Hi Bob
>
> Go to eBay and search G4ZLP. First rate product.
> Tom W7WHY
>
>
> > Speaking of interfacing an 850 I may be owning one soon what it the
> best
> > interface available out there other than the 100.00 IF-232 that seems
> a
> > little steep for a level controller. And do you have to have an
> > operational
> > board installed in the 850 or do they come stock in them.
> >
> > Bob AD5VJ
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8937. RE: [TS-850_450_690] Re: Looking for TS-850 color schematics and PCB layouts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-28 05:21:39 UTC
From: jaking
Topic: 8922 Message: 8937

Hi I believe all that is stated here is true.

There is an unpublished mod by Thomas Hohlfeld for the front mixer of the Kenwood TS-940 that also achieves the IP3 +40 Db performance,

So a number of persons are experimenting with these improvements.

Please keep us informed of your progress.

Yours sincerely

ZL4AI

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of iz8itt
Sent: Saturday, 27 February 2010 11:54 p.m.
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Looking for TS-850 color schematics and PCB layouts

Hi Patrick and thanks for reply.

These mods have been thought and projected by Giancarlo Moda I7SWX who realized also some kits for the radiohams that want to make these mods.

At present we have 3 main mods ready.

1) Replacing of RX 2nd mixer with an H-mode mixer

There are mixers that make use of the Fast Bus Switches (FST3125, FST3253 - I7SWX) and recently the analog switch (FSA3157), the latter applied in particular the H-Mode Mixer developed by G3SBI.
These mixers allow approximately +40 dBm IIP3 and up to +50 dBm, requiring low power values of the oscillator. The results are more selectivity, lower intermodulation and lower noise.

2) VCO PSU filter

Many voltage regulators have excessive noise output, including circuit-switched pulses and spurious variables by references unfiltered.
The usual three-pin voltage regulators have several hundreds of nano-volts per root hertz of white noise and some components of the reference voltage exceeds
a microvolt per root-hertz.
DC-DC converters and switched regulators may have switching product around

millivolt and covering a wide spectrum of frequency. Furthermore, many systems
have stages or components that "dirty" power lines, basically clean.
This is a circuit for reducing noise PSU and must be inserted in the supply line of the VCO
to decrease the ripple present with the possibility of reducing the phase noise.

3) Rf preamp mods for better signal/noise ratio.

Others are to came on such as insertion of a diplexer in front of a roofing filter, panoramic receiver and 2nd RX.

All these mods have been applied with success on other rigs such as icom 775, yaesu FT100 etc. improving their performance a lot.
Measurements have prooved that these modified rigs are equal and even better of last produced rigs as ic 7800 and similar.

Giancarlo says that same result can be achieved on TS-850 and many other old rigs.

But regarding TS-850 i am the only crazy guy experimenting his solutions at moment ! HI

About the schematics it will be nice to have at least a copy of RF BOARD PCB layout, front and rear side.

If you can do that, it will be very helpful.

If you need more explanation you can write me to iz8itt@aricampobass <mailto:iz8itt%40aricampobasso.it> o.it

Thank you in advance for your kindly help

Ciao
IZ8ITT Antonello

--- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com> yahoogroups.com, "tk5ep" <pegloff@...> wrote:
>
> Hi Antonello,
>
> For what are these mods good for ?? I never heard about them before...
>
> Concerning colors diagrams, i have the service manual and diagrams as well as layouts are in colour (red and black)
>
>
> I'm not ready to scan everything but if you need a particular board, i will see wht i can do at work where we have an A3 scanner.
>
> Ciao & 73 , Patrick TK5EP
>

>
> --- In TS-850_450_690@ <mailto:TS-850_450_690%40yahoogroups.com>
yahoogroups.com, "iz8itt" <iz8itt@> wrote:
> >
> > Hello friends
> >
> > I am looking for TS-850 colour schematics.
> >
> > I am making some interesting modifications to my rig thanks to the help
of I7SWX Giancarlo, such as 2nd mixer replacing with H-mode one, insertion
of VCO PSU filter and more and i need a more clear schematics.
> >
> > I have been looking on internet for that but no results.
> >
> > If you are interested in that mods you can found some pictures here:
> >
> > http://www.aricampo
<http://www.aricampobasso.it/foto.php?ids=14&pagina=1&act=show>
basso.it/foto.php?ids=14&pagina=1&act=show
> >
> > It is only in italian at moment. I will post the pictures of 2nd mixer
replacement soon
> >
> > For any other info on this mods you can contact i7swx@
> >
> > Any help will be appreciated.
> >
> > Thank you in advance
> >
> > IZ8ITT Antonello
> > iz8itt@
> >
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.435 / Virus Database: 271.1.1/2713 - Release Date: 02/27/10
19:34:00

[Non-text portions of this message have been removed]

8938. Schematics for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-28 17:42:57 UTC
From: jeff@123jeff.com
Topic: 8938 Message: 8938

Hi Antonello,

A very good pdf scan of the complete TS-850S service manual is at VooDoo's site:

http://www.wz5q.net/index/manuals.htm

Recall that pdf files usually contain much more detail than gif/png files and way better fine quality than jpg files. pdf files can thus be enlarged in spots as necessary to read component values or notes. He gave us a large amount of overlap where large pages were scanned as pieces into a standard letter/ A4 acanner.

I had schematics and board layout files in color at one time, but that laptop was stolen. (Yes, my children, backing up data is a Good Idea...) :) Fortunately I did print them out. I'll keep looking...

73, Jeff, W3HVU

8939. re: LCR meter software/hardware

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-02-28 18:50:41 UTC
From: Paul
Topic: 8939 Message: 8939

Just to make it quite clear.
All the LCR circuits and software which I have mentioned do not give accurate readings for ferrite and dust core coils. They are only suitable to audio coils and aircore coils

Another commercial product is the henrytest

http://www.henrytest.com/

Paul
9H1FQ

8940. Re: TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 02:08:51 UTC
From: birchardvilleobservatory
Topic: 8920 Message: 8940

I'll second (third, fourth...) that suggestion... the ZLP is great.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
> Bob go to the G4ZLP website best interface i have used.
> 73 Tony
>
> At 12:58 PM 2/26/2010, you wrote:
> >Speaking of interfacing an 850 I may be owning one soon what it the best
> >interface available out there other than the 100.00 IF-232 that seems a
> >little steep for a level controller. And do you have to have an operational
> >board installed in the 850 or do they come stock in them.
> >
> >Bob AD5VJ
>
>
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
> DXCC HONOR ROLL - 346
> A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
> DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
> DXCC 80, 40, 20, 15, 10 METERS
> WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
> WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>
>
>
> [Non-text portions of this message have been removed]
>

8941. DESPERATE FOR A DDS BOARD FULLY WORKING CASH WAITING NAME UR PRICE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 09:54:13 UTC
From: patrick40044
Topic: 8941 Message: 8941

HAVE MY 850S NEEDING A DDS BOARD PREFERABLY THE NEW CHIPS I KNOW THAT THESE R LIKE HENS AND MUCH SOUGHT AFTER SO IM LOOKING FOR COMPLETE BOARD U NAME THE PRICE DESPERATE TO GET MY BABY UP N RUNNING
GET ME AT

paddy dot mm1dhu at btinternet dot com

this is an antispam method

OR THRU THE FORUM
TNX ALOT GUYS GREAT HELPSITE
PADDY MM1DHU

8942. Re: Schematics for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 08:10:34 UTC
From: iz8itt
Topic: 8938 Message: 8942

Hello Jeff

Thanks for reply.

I already have it.
I am really sorry that you lost your laptop data.
Just in the case you are able to recover some, i wish to have at least the colour PCB layout of RF BOARD.

In any case thank you for your kindly help

Ciao
Antonello IZ8ITT

--- In TS-850_450_690@yahoogroups.com, jeff@... wrote:
>
> Hi Antonello,
>
> A very good pdf scan of the complete TS-850S service manual is at
> VooDoo's site:
>
> http://www.wz5q.net/index/manuals.htm
>
> Recall that pdf files usually contain much more detail than gif/png
> files and way better fine quality than jpg files. pdf files can thus
> be enlarged in spots as necessary to read component values or notes.
> He gave us a large amount of overlap where large pages were scanned as
> pieces into a standard letter/ A4 acanner.
>
> I had schematics and board layout files in color at one time, but that
> laptop was stolen. (Yes, my children, backing up data is a Good
> Idea...) :) Fortunately I did print them out. I'll keep looking...
>
> 73, Jeff, W3HVU
>

8943. Re: [TS-850_450_690] DESPERATE FOR A DDS BOARD FULLY WORKING CASH WAITING NAME UR PRICE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 15:27:44 UTC
From: roger hanna
Topic: 8941 Message: 8943

The only way I found to get these is to send the unit to the Kenwood repair station in Lynn Haven, Virginia. Do not tell them that you need the chips, just tell them the symptoms the radio has and that it does not work. They have a stash of chips they do not admit to having and will not sell, but will put them in your radio if you send it to them.
Benn there, done that, bought the T shirt!!. I also got a whole new display board and all the capacitors replaced by sending it in!!

--- On Mon, 3/1/10, patrick40044 <paddy.mm1dhu@...> wrote:

From: patrick40044 <paddy.mm1dhu@btinternet.com>
Subject: [TS-850_450_690] DESPERATE FOR A DDS BOARD FULLY WORKING CASH WAITING NAME UR PRICE
To: TS-850_450_690@yahoogroups.com
Date: Monday, March 1, 2010, 3:54 AM

HAVE MY 850S NEEDING A DDS BOARD PREFERABLY THE NEW CHIPS I KNOW THAT THESE R LIKE HENS AND MUCH SOUGHT AFTER SO IM LOOKING FOR COMPLETE BOARD U NAME THE PRICE DESPERATE TO GET MY BABY UP N RUNNING

GET ME AT

paddy dot mm1dhu at btinternet dot com

this is an antispam method

OR THRU THE FORUM

TNX ALOT GUYS GREAT HELPSITE

PADDY MM1DHU

[Non-text portions of this message have been removed]

8944. Re: TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 16:22:22 UTC
From: nonenv
Topic: 8920 Message: 8944

Dan
So which one are you using with your TS-850? Does one need to buy any extra chip to be installed internally? Thank you.
73
Trung W6TN
--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> I'll second (third, fourth...) that suggestion... the ZLP is great.
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@> wrote:
> >
> > Bob go to the G4ZLP website best interface i have used.
> > 73 Tony
> >
> > At 12:58 PM 2/26/2010, you wrote:
> > >Speaking of interfacing an 850 I may be owning one soon what it the best
> > >interface available out there other than the 100.00 IF-232 that seems a
> > >little steep for a level controller. And do you have to have an operational
> > >board installed in the 850 or do they come stock in them.
> > >
> > >Bob AD5VJ
> >
> >
> > QBE ZUT DE WA4JQS
> >
> > ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> > Since 1962
> > CQ DX HALL OF FAME # 35
> > DXCC HONOR ROLL - 346
> > A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
> > DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
> > DXCC 80, 40, 20, 15, 10 METERS
> > WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
> > WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
> > South Sandwich Island Dxpedition Group
> > CALLS HELD:
> > WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> > ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
> >
> >
> >
> > [Non-text portions of this message have been removed]

> >
>

8945. Re: TS850 with N1MM and DX4WIN

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 16:46:43 UTC
From: Roland AH6RR
Topic: 8920 Message: 8945

No Chip is needed the 850 has everything already installed. Just needs the interface for computer control.
Roland AH6RR

[Non-text portions of this message have been removed]

8946. SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 19:27:32 UTC
From: Bob AD5VJ
Topic: 8941 Message: 8946

I have on the way a new to me 850SAT and would like to know when I get it how I can tell if it has the updated DDS chips already in it. The serial number on my unit is: 30500221.

Tnx in advance,
73 BOB AD5VJ

8947. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 21:13:18 UTC
From: Greg Gollan
Topic: 8941 Message: 8947

I also have a 850 and found out that DDS chips marked part number 6631 are the bad earlier ones and DDS chips 66312 are the later chips that are good. Have a look at the chip identification to determine which you have. I'm not sure what radio serial number that the newer chips were started to be installed.
Greg
VE1GCG

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Bob AD5VJ
Sent: Monday, March 01, 2010 3:28 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS

I have on the way a new to me 850SAT and would like to know when I get it how I can tell if it has the updated DDS chips already in it. The serial number on my unit is: 30500221.

Tnx in advance,
73 BOB AD5VJ

[Non-text portions of this message have been removed]

8948. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 21:23:49 UTC
From: Crownhaven
Topic: 8941 Message: 8948

I forgot to mention. If someone offers you the new chips, the paperwork
and boxes continued to be marked 6631. If you pull the chips out, they
are marked 66312. Might save someone some angst.

Steve, N4JQQ

Greg Gollan wrote:
>
> I also have a 850 and found out that DDS chips marked part number 6631 are
> the bad earlier ones and DDS chips 66312 are the later chips that are
> good.
> Have a look at the chip identification to determine which you have.
> I'm not
> sure what radio serial number that the newer chips were started to be
> installed.
> Greg
> VE1GCG
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]On Behalf Of Bob AD5VJ
> Sent: Monday, March 01, 2010 3:28 PM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> I have on the way a new to me 850SAT and would like to know when I get it
> how I can tell if it has the updated DDS chips already in it. The serial
> number on my unit is: 30500221.
>
> Tnx in advance,
> 73 BOB AD5VJ
>
> [Non-text portions of this message have been removed]
>
>

8949. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 21:21:45 UTC
From: Crownhaven
Topic: 8941 Message: 8949

I don't know the serial numbers. I am sure Clif does. However, I have one of the very first TS-850s here. It has gotten sick a couple of times but the chips in it have never been replaced to my knowledge. I recently had the good fortune to pick up a second TS-850S for an incredible price. It is loaded with INRAD filters and the owner sent along four YM6631 chips that he bought from East Coast Parts in 2008 and never had to use. The slip from Kenwood says they were made in January, 2003. I bought my first TS-850S in 1990, more or less, as I recall.

Even though both of my 850s work fine, I bought the second one as a source of parts if the world ever ended.

Steve, N4JQQ

Greg Gollan wrote:
>
> I also have a 850 and found out that DDS chips marked part number 6631 are
> the bad earlier ones and DDS chips 66312 are the later chips that are
> good.
> Have a look at the chip identification to determine which you have.
> I'm not
> sure what radio serial number that the newer chips were started to be
> installed.
> Greg
> VE1GCG
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]On Behalf Of Bob AD5VJ
> Sent: Monday, March 01, 2010 3:28 PM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> I have on the way a new to me 850SAT and would like to know when I get it
> how I can tell if it has the updated DDS chips already in it. The serial
> number on my unit is: 30500221.
>
> Tnx in advance,
> 73 BOB AD5VJ
>
> [Non-text portions of this message have been removed]
>
>

8950. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 21:28:17 UTC
From: Dave ve3wej
Topic: 8941 Message: 8950

serial number woould not tell you if the older model (they are all old) had them changes, a visual inspection is required, and from what I hear, it makes no difference because other say they are NOT available...

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 01, 2010 2:27 PM
Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS

I have on the way a new to me 850SAT and would like to know when I get it
how I can tell if it has the updated DDS chips already in it. The serial
number on my unit is: 30500221.

Tnx in advance,
73 BOB AD5VJ

[Non-text portions of this message have been removed]

8951. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 20:56:56 UTC
From: Laurent REINHARD
Topic: 8941 Message: 8951

Hi
my 850 have 30900645
serial number with new generation of DDS

May be this help you
Regards
Laurent F0GEV

Bob AD5VJ a écrit :
>
>
> I have on the way a new to me 850SAT and would like to know when I get it
> how I can tell if it has the updated DDS chips already in it. The serial
> number on my unit is: 30500221.
>
> Tnx in advance,
> 73 BOB AD5VJ
>
>

8952. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 21:55:43 UTC
From: Bob AD5VJ
Topic: 8941 Message: 8952

IT SURE WOULD HIHI thanks for the info hope mine are updated, guess I will know soon, I am so excited abt getting the rig, I had an FT-1000MP MKV and according to the stats on the Sherwood site it is much better on rx than the one I had so I am really excited about hearing this rig on cw especially.

Now the challenge is to pick out an INRAD filter combination for CW contesting without hindering SSB reception.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Crownhaven
> Sent: Monday, March 01, 2010 3:24 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> I forgot to mention. If someone offers you the new chips, the paperwork
> and boxes continued to be marked 6631. If you pull the chips out, they
> are marked 66312. Might save someone some angst.
>
> Steve, N4JQQ
>
> Greg Gollan wrote:
> >
> > I also have a 850 and found out that DDS chips marked part number
> 6631 are
> > the bad earlier ones and DDS chips 66312 are the later chips that are
> > good.
> > Have a look at the chip identification to determine which you have.
> > I'm not
> > sure what radio serial number that the newer chips were started to be
> > installed.
> > Greg
> > VE1GCG
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > [mailto:TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>]On Behalf Of Bob AD5VJ
> > Sent: Monday, March 01, 2010 3:28 PM
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS
> >

> > I have on the way a new to me 850SAT and would like to know when I
> get it
> > how I can tell if it has the updated DDS chips already in it. The
> serial
> > number on my unit is: 30500221.
> >
> > Tnx in advance,
> > 73 BOB AD5VJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8953. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 22:32:51 UTC
From: Crownhaven
Topic: 8941 Message: 8953

I have two 500 Hz filters in one of mine and an 1.8 SSB filter. The other one has a 500 Hz and 250 Hz filter as well as the 1.8 SSB filter. I am not a contester but I don't like the 250 combination. I do chase a lot of DX, on CW, and the two 500 Hz filters suit me the best. I actually like to listen for CW signals using the 1.8 filter. My TS-870S has a CW filter setting that is only 1000 Hz at the widest which is too narrow for me.

Bob AD5VJ wrote:
>
> IT SURE WOULD HIHI thanks for the info hope mine are updated, guess I will
> know soon, I am so excited abt getting the rig, I had an FT-1000MP MKV and
> according to the stats on the Sherwood site it is much better on rx
> than the
> one I had so I am really excited about hearing this rig on cw especially.
>
> Now the challenge is to pick out an INRAD filter combination for CW
> contesting without hindering SSB reception.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> [mailto:TS-
> > 850_450_690@yahoogroups.com <mailto:850_450_690%40yahoogroups.com>]
> On Behalf Of Crownhaven
> > Sent: Monday, March 01, 2010 3:24 PM
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: Re: [TS-850_450_690] SPEAKING OF DDS CHIPS
> >
> > I forgot to mention. If someone offers you the new chips, the paperwork
> > and boxes continued to be marked 6631. If you pull the chips out, they
> > are marked 66312. Might save someone some angst.
> >
> > Steve, N4JQQ
> >
> > Greg Gollan wrote:
> > >
> > > I also have a 850 and found out that DDS chips marked part number
> > 6631 are
> > > the bad earlier ones and DDS chips 66312 are the later chips that are
> > > good.
> > > Have a look at the chip identification to determine which you have.
> > > I'm not

> > > sure what radio serial number that the newer chips were started to be
> > > installed.
> > > Greg
> > > VE1GCG
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>]On Behalf Of Bob AD5VJ
> > > Sent: Monday, March 01, 2010 3:28 PM
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS
> > >
> > > I have on the way a new to me 850SAT and would like to know when I
> > get it
> > > how I can tell if it has the updated DDS chips already in it. The
> > serial
> > > number on my unit is: 30500221.
> > >
> > > Tnx in advance,
> > > 73 BOB AD5VJ
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> >
> >
> >
>
>

8954. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 22:14:42 UTC
From: Bob AD5VJ
Topic: 8941 Message: 8954

Ok good deal looks like our radios from vintage '95 are updated already, I hope so according to the serial numbers yours and mine were in the same year just different months yours being 5 months younger than mine from May of '95

Thanks
Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Laurent REINHARD
> Sent: Monday, March 01, 2010 2:57 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> Hi
> my 850 have 30900645
> serial number with new generation of DDS
>
> May be this help you
> Regards
> Laurent F0GEV
>
> Bob AD5VJ a écrit :
> >
> >
> > I have on the way a new to me 850SAT and would like to know when I
> get it
> > how I can tell if it has the updated DDS chips already in it. The
> serial
> > number on my unit is: 30500221.
> >
> > Tnx in advance,
> > 73 BOB AD5VJ
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8955. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-01 23:50:12 UTC
From: kremper4-850@yahoo.com
Topic: 8941 Message: 8955

When you get the rig, Bob, open it and look at the CARRIER board. Check to make sure the electrolytic capacitors aren't leaking. This is a primary sore spot of early TS-850s and can create trouble.

73,

Paul / N1FB

--- On Mon, 3/1/10, Bob AD5VJ <ad5vj@...> wrote:

From: Bob AD5VJ <ad5vj@...>
Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS
To: TS-850_450_690@yahoogroups.com
Date: Monday, March 1, 2010, 2:27 PM

I have on the way a new to me 850SAT and would like to know when I get it
how I can tell if it has the updated DDS chips already in it. The serial
number on my unit is: 30500221.

Tnx in advance,
73 BOB AD5VJ

[Non-text portions of this message have been removed]

8956. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 00:10:24 UTC
From: Crownhaven
Topic: 8941 Message: 8956

And the battery......

kremper4-850@... wrote:
>
>
> When you get the rig, Bob, open it and look at the CARRIER board.
> Check to make sure the electrolytic capacitors aren't leaking. This is
> a primary sore spot of early TS-850s and can create trouble.
>
> 73,
>
> Paul / N1FB
>
> --- On Mon, 3/1/10, Bob AD5VJ <ad5vj@...
> <mailto:ad5vj%40ad5vj.com>> wrote:
>
> From: Bob AD5VJ <ad5vj@... <mailto:ad5vj%40ad5vj.com>>
> Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Monday, March 1, 2010, 2:27 PM
>
>
>
> I have on the way a new to me 850SAT and would like to know when I get it
> how I can tell if it has the updated DDS chips already in it. The serial
> number on my unit is: 30500221.
>
> Tnx in advance,
> 73 BOB AD5VJ
>
> [Non-text portions of this message have been removed]
>
>

8957. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 01:04:21 UTC
From: John Kuklewicz N7ZN
Topic: 8941 Message: 8957

FYI;

I have a TS-850S/AT with s/n 30200393 that came with the original 6631 chips.

So, sometime during that production year (3 million series) the chips were changed over.

73; John N7ZN

On 3/1/2010 12:56 PM, Laurent REINHARD wrote:
> Hi
> my 850 have 30900645
> serial number with new generation of DDS
>
> May be this help you
> Regards
> Laurent F0GEV
>
> Bob AD5VJ a écrit :
>>
>>
>> I have on the way a new to me 850SAT and would like to know when I get it
>> how I can tell if it has the updated DDS chips already in it. The serial
>> number on my unit is: 30500221.
>>
>> Tnx in advance,
>> 73 BOB AD5VJ
>>
>>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

--
"If every Jewish and anti-Nazi family in Germany had owned a Mauser rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf Hitler would be a little-known footnote to the history of the Weimar Republic." - Aaron Zelman, JPFO
http://www.jpfo.org/

8958. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 01:09:10 UTC
From: John Kuklewicz N7ZN
Topic: 8941 Message: 8958

In my 850 are installed the 400Hz INRAD CW filters (# 103 and #104).
They work very well. The INRAD filters have much better skirts than the
Kenwood 500Hz filters. Slope tune works fb with this combination.

I do not use phone very often, so the stock 2.7kHz filters work fine.

73; John N7ZN

On 3/1/2010 1:55 PM, Bob AD5VJ wrote:
> ..snip..
>
> Now the challenge is to pick out an INRAD filter combination for CW
> contesting without hindering SSB reception.
>
> Bob AD5VJ
>
>>...snip...

8959. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 02:43:17 UTC
From: Alan Riley
Topic: 8941 Message: 8959

My s/n is 30600519 - it has the 6612 chips in it. They have not been a problem to date but I have replaced all the carrier board electrolytic caps as well as the ones on the display board. I've also replaced the four electrolytic caps associated with the AF output amplifier on the IF board (do the cw sidetone mod while you have that board out).

It's been a good rig - I bought it new in January 1993.

73,
Alan, KD5R

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 01, 2010 1:27 PM
Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS

I have on the way a new to me 850SAT and would like to know when I get it how I can tell if it has the updated DDS chips already in it. The serial number on my unit is: 30500221.

Tnx in advance,
73 BOB AD5VJ

[Non-text portions of this message have been removed]

8960. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 02:56:15 UTC
From: Alan Riley
Topic: 8941 Message: 8960

Oops, make that 6631 on the chip type.

Alan, KD5R

----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 01, 2010 8:43 PM
Subject: Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

My s/n is 30600519 - it has the 6612 chips in it. They have not been
a problem to date but I have replaced all the carrier board electrolytic
caps as well as the ones on the display board. I've also replaced the
four electrolytic caps associated with the AF output amplifier on the
IF board (do the cw sidetone mod while you have that board out).

It's been a good rig - I bought it new in January 1993.

73,
Alan, KD5R

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 01, 2010 1:27 PM
Subject: [TS-850_450_690] SPEAKING OF DDS CHIPS

I have on the way a new to me 850SAT and would like to know when I get it
how I can tell if it has the updated DDS chips already in it. The serial
number on my unit is: 30500221.

Tnx in advance,
73 BOB AD5VJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

8961. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 05:36:10 UTC
From: Bob AD5VJ
Topic: 8941 Message: 8961

Sounds good on the filters, I work ssb but only on nets like swap nets was nets etc I like DXing and contesting in cw so the 400hz INRADS seem like my choice also.

How can I tell if the caps have been changed? Is there a certain set or color to look for?

Tnx
BOB AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of John Kuklewicz N7ZN
> Sent: Monday, March 01, 2010 7:09 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> In my 850 are installed the 400Hz INRAD CW filters (# 103 and #104).
> They work very well. The INRAD filters have much better skirts than the
> Kenwood 500Hz filters. Slope tune works fb with this combination.
>
> I do not use phone very often, so the stock 2.7kHz filters work fine.
>
> 73; John N7ZN
>
> On 3/1/2010 1:55 PM, Bob AD5VJ wrote:
> > ..snip..
> >
> > Now the challenge is to pick out an INRAD filter combination for CW
> > contesting without hindering SSB reception.
> >
> > Bob AD5VJ
> >
> >>...snip...
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8962. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 07:26:26 UTC
From: Jose V. Gavila
Topic: 8941 Message: 8962

Hi Bob,

I don't want to trash your party ;-) but the unit I am working on, being a late serial number and having the new DDS chips, has two bad chips.

I have traced the problem to a short produced by leaked electrolyte so it does not matter, in this case, if DDS chips are newer or not.

So my recommendation for ALL AND EVERY 850 is to CHECK CAR UNIT CAPACITORS and replace them if they are the original, even if they _look_ fine. Most times, when replacing good looking units, you see leaking has started at the bottom of the capacitors.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

-----Mensaje original-----
De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] En nombre de Bob AD5VJ
Enviado el: lunes, 01 de marzo de 2010 23:15
Para: TS-850_450_690@yahoogroups.com
Asunto: RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Ok good deal looks like our radios from vintage '95 are updated already, I hope so according to the serial numbers yours and mine were in the same year just different months yours being 5 months younger than mine from May of '95

Thanks
Bob AD5VJ

8963. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 09:38:51 UTC
From: Bob AD5VJ
Topic: 8941 Message: 8963

Hi Jose

No problem with crashing the party, I want to know as much as I can find out abt this rig. I am reading the manual right now with the excitement of a kid in a candy store.

Someone tell me abt the two filter controls on the front panel. It says that no matter the mode I can select the filter in the 8mhz and 455khz sections by pushing the switch, this is not like any rig I have had before how does that work?

It sounds like if I had a 500hz filter and a 250hz filter in each section respectively I could select both filters at the same time, not sure what bandwidth that would result it though.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Jose V. Gavila
> Sent: Tuesday, March 02, 2010 1:26 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> Hi Bob,
>
> I don't want to trash your party ;-) but the unit I am working on,
> being a late
> serial number and having the new DDS chips, has two bad chips.
>
> I have traced the problem to a short produced by leaked electrolyte so
> it does
> not matter, in this case, if DDS chips are newer or not.
>
> So my recommendation for ALL AND EVERY 850 is to CHECK CAR UNIT
> CAPACITORS and
> replace them if they are the original, even if they _look_ fine. Most
> times,
> when replacing good looking units, you see leaking has started at the
> bottom of
> the capacitors.
>
> Best regards,
>
> JOSE
>

> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment.......... http://jvgavila.com
> RadioRepair BLOG.............. http://radiorepair.blogspot.com
>
> -----Mensaje original-----
> De: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] En
> nombre de Bob AD5VJ
> Enviado el: lunes, 01 de marzo de 2010 23:15
> Para: TS-850_450_690@yahoogroups.com
> Asunto: RE: [TS-850_450_690] SPEAKING OF DDS CHIPS
>
> Ok good deal looks like our radios from vintage '95 are updated
> already, I hope
> so according to the serial numbers yours and mine were in the same year
> just
> different months yours being 5 months younger than mine from May of '95
>
> Thanks
> Bob AD5VJ
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8964. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 10:27:32 UTC
From: Jose V. Gavila
Topic: 8941 Message: 8964

Hello Bob,

>No problem with crashing the party, I want to know as much as I can find out
>abt this rig. I am reading the manual right now with the excitement of a kid
>in a candy store.

I understand you perfectly :-)!

>Someone tell me abt the two filter controls on the front panel. It says that
>no matter the mode I can select the filter in the 8mhz and 455khz sections
>by pushing the switch, this is not like any rig I have had before how does
>that work?
>
>It sounds like if I had a 500hz filter and a 250hz filter in each section
>respectively I could select both filters at the same time, not sure what
>bandwidth that would result it though.

Yes, filters are cascaded in the two IFs. You can select any combination, one for each IF. So if you select 500Hz in 8.83MHz IF and 250Hz in 455kHz IF, in an ideal world, you would have 250Hz BW. But, as filters are not ideal, you have some noise coming from the 500Hz BW of the precious filter, entering in the skirts of the 250Hz filter. Of course, if instead of the 500Hz you use the 2.7kHz standard filter, you would have a bit more noise. So all filters help. INRAD filters have steeper curves so you get a bit less noise with them.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

8965. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS and Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 18:14:56 UTC
From: Roland AH6RR
Topic: 8965 Message: 8965

When you change the filter width it will only be what the narrowest filter you have installed. Say you have a 400hz in the 455khz slot and a 250 in the 8.83 Mhz slot it will narrow it down to 250hz.But if it were me I would only use matched filters ie 400hz or 200hz. And for SSB filters I would go with the 2.1 Khz Inrad I have them installed in both IF's for my Phone contesting work. I do plan to get a 400 Hz for CW soon for the 8.83 Mhz IF. Also I would think about the Inrad Roofing filter it help's a bunch on a crowded band. I have had one since they first came out with the mod.

73
Roland AH6RR

[Non-text portions of this message have been removed]

8966. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 21:31:22 UTC
From: Bob Naylor
Topic: 8941 Message: 8966

Jose, Can you please give me a rough idea of how long it takes to get the carrier board out and approx how many caps should be replaced? Thanks! Bob N WE6C

--- On Mon, 3/1/10, Jose V. Gavila <eb5agv@amsat.org> wrote:

From: Jose V. Gavila <eb5agv@...>
Subject: RE: [TS-850_450_690] SPEAKING OF DDS CHIPS
To: TS-850_450_690@yahoogroups.com
Date: Monday, March 1, 2010, 11:26 PM

Hi Bob,

I don't want to trash your party ;-) but the unit I am working on, being a late serial number and having the new DDS chips, has two bad chips.

I have traced the problem to a short produced by leaked electrolyte so it does not matter, in this case, if DDS chips are newer or not.

So my recommendation for ALL AND EVERY 850 is to CHECK CAR UNIT CAPACITORS and replace them if they are the original, even if they _look_ fine. Most times, when replacing good looking units, you see leaking has started at the bottom of the capacitors.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment... .... http://jvgavila. com
RadioRepair BLOG........ .... http://radiorepair. blogspot. com

-----Mensaje original---- -
De: TS-850_450_690@ yahoogroups. com [mailto:TS-850_450_690@ yahoogroups. com] En nombre de Bob AD5VJ
Enviado el: lunes, 01 de marzo de 2010 23:15
Para: TS-850_450_690@ yahoogroups. com
Asunto: RE: [TS-850_450_ 690] SPEAKING OF DDS CHIPS

Ok good deal looks like our radios from vintage '95 are updated already, I hope so according to the serial numbers yours and mine were in the same year just different months yours being 5 months younger than mine from May of '95

Thanks
Bob AD5VJ

[Non-text portions of this message have been removed]

8967. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 21:46:51 UTC
From: Jose V. Gavila
Topic: 8941 Message: 8967

Hello Bob,

>Jose, Can you please give me a rough idea of how
>long it takes to get the carrier board out and
>approx how many capsÂ should be replaced?Â Thanks!Â Bob NÂ WE6C

Yes, it is pretty easy. Just remove both covers
(it is better than removing only top one, to have
better access to the screws). Then, on the top
side, there ia a board with some switches to
select installed filters. Remove it along the
metal base which supports it and just below you will find the CAR UNIT.

It has ten 10uF/16V and one 47uF/16V SMD caps. I use 35V units to replace them.

You can see some detailed pictures on my WEB at:

http://www.jvgavila.com/wb7.htm

BTW, once there, replace the display capacitor
which is also a source of troubles.

Best regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

8968. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 22:04:36 UTC
From: Bob Naylor
Topic: 8941 Message: 8968

Thank you very much Jose! Sounds like it's a very near future project and sounds easy.
73! Bob WE6C

--- On Tue, 3/2/10, Jose V. Gavila <eb5agv@...> wrote:

From: Jose V. Gavila <eb5agv@...g>
Subject: RE: [TS-850_450_690] SPEAKING OF DDS CHIPS
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 2, 2010, 1:46 PM

Hello Bob,

>Jose, Can you please give me a rough idea of how
>long it takes to get the carrier board out and
>approx how many capsÂ should be replaced?Â Thanks!Â Bob NÂ WE6C

Yes, it is pretty easy. Just remove both covers
(it is better than removing only top one, to have
better access to the screws). Then, on the top
side, there ia a board with some switches to
select installed filters. Remove it along the
metal base which supports it and just below you will find the CAR UNIT.

It has ten 10uF/16V and one 47uF/16V SMD caps. I use 35V units to replace them.

You can see some detailed pictures on my WEB at:

http://www.jvgavila .com/wb7. htm

BTW, once there, replace the display capacitor
which is also a source of troubles.

Best regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment... .... http://jvgavila. com
RadioRepair BLOG........ .... http://radiorepair. blogspot. com

[Non-text portions of this message have been removed]

8969. messages not on here

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 22:53:04 UTC
From: Dave
Topic: 8969 Message: 8969

Is there a reason I am not getting my message on the group???

I tried to inform jose and others progress on my 850, but heard no thoughts back, and find no record of the message..

dated feb 26,2010

8970. Re: SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 23:19:51 UTC
From: John
Topic: 8941 Message: 8970

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hello Bob,
>
> >Jose, Can you please give me a rough idea of how
> >long it takes to get the carrier board out and
> >approx how many capsÂ should be replaced?Â Thanks!Â Bob NÂ WE6C
>
> Yes, it is pretty easy. Just remove both covers
> (it is better than removing only top one, to have
> better access to the screws). Then, on the top
> side, there ia a board with some switches to
> select installed filters. Remove it along the
> metal base which supports it and just below you will find the CAR UNIT.
>
> It has ten 10uF/16V and one 47uF/16V SMD caps. I use 35V units to replace them.
>
> You can see some detailed pictures on my WEB at:
>
> http://www.jvgavila.com/wb7.htm
>
> BTW, once there, replace the display capacitor
> which is also a source of troubles.
>
> Best regards,
>
> JOSE
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment.......... http://jvgavila.com
> RadioRepair BLOG.............. http://radiorepair.blogspot.com
>
Hi Jose, Have you fitted the chips i sent you yet ?? hope they were ok when they arrived

John
MM3CBO

8971. Re: [TS-850_450_690] Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 23:54:32 UTC
From: Crownhaven
Topic: 8899 Message: 8971

Dave, this was your latest post. Are you seeing this?????

Dave ve3wej wrote:
>
>
> can you talk on ssb without vox, and check your vox gain control , it
> may be also too low
>
> what about fsk mode, set radio in fsk, hit send, should be full scale
> deflection. if not maybe car level is too low, pwr level too low...
>
> ----- Original Message -----
> From: Dennis Ballengee
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Friday, February 19, 2010 5:07 PM
> Subject: Re: [TS-850_450_690] Help with CW
>
> yes the vox is turned on. i cant even talk voice with vox. i can ptt
> works fine. i think im having problems with my vox. i tryed to ajust
> the antivox an the others but still nothing.
>
> --- On Tue, 2/16/10, Dave ve3wej <ve3wej@...
> <mailto:ve3wej%40gmail.com>> wrote:
>
> From: Dave ve3wej <ve3wej@... <mailto:ve3wej%40gmail.com>>
> Subject: Re: [TS-850_450_690] Help with CW
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Tuesday, February 16, 2010, 8:13 PM
>
> is the vox on????
>
> ----- Original Message -----
> From: Dennis
> To: TS-850_450_690@ yahoogroups. com
> Sent: Tuesday, February 16, 2010 1:09 AM
> Subject: [TS-850_450_ 690] Help with CW
>
> Hello I am having problems on getting my TS-690s to transmit in the CW
> mode I am going by the the manual instructions on the steps to operate
> in CW but it will not key up at all in the CW mode at all can any one
> help me with this an has any one eles have this problem? Thanks for
> reading Dennis N5LED 73...
>

> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

8972. Re: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 22:54:40 UTC
From: james
Topic: 8941 Message: 8972

Jose what is the value of the display cap and do u know as to were i can buy them ,,, i have 2 very nice 850`s with low time on them,, and have been going to ask what i needed this just got me in gear THANKS N5TOG HAROLD
----- Original Message -----
From: Jose V. Gavila
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 02, 2010 1:46 PM
Subject: RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Hello Bob,

>Jose, Can you please give me a rough idea of how
>long it takes to get the carrier board out and
>approx how many capsÂ should be replaced?Â Thanks!Â Bob NÂ WE6C

Yes, it is pretty easy. Just remove both covers
(it is better than removing only top one, to have
better access to the screws). Then, on the top
side, there ia a board with some switches to
select installed filters. Remove it along the
metal base which supports it and just below you will find the CAR UNIT.

It has ten 10uF/16V and one 47uF/16V SMD caps. I use 35V units to replace them.

You can see some detailed pictures on my WEB at:

http://www.jvgavila.com/wb7.htm

BTW, once there, replace the display capacitor
which is also a source of troubles.

Best regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

[Non-text portions of this message have been removed]

8973. Re: SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-02 23:17:57 UTC
From: John
Topic: 8941 Message: 8973

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hello Bob,
>
> >Jose, Can you please give me a rough idea of how
> >long it takes to get the carrier board out and
> >approx how many capsÂ should be replaced?Â Thanks!Â Bob NÂ WE6C
>
> Yes, it is pretty easy. Just remove both covers
> (it is better than removing only top one, to have
> better access to the screws). Then, on the top
> side, there ia a board with some switches to
> select installed filters. Remove it along the
> metal base which supports it and just below you will find the CAR UNIT.
>
> It has ten 10uF/16V and one 47uF/16V SMD caps. I use 35V units to replace them.
>
> You can see some detailed pictures on my WEB at:
>
> http://www.jvgavila.com/wb7.htm
>
> BTW, once there, replace the display capacitor
> which is also a source of troubles.
>
> Best regards,
>
> JOSE
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment.......... http://jvgavila.com
> RadioRepair BLOG.............. http://radiorepair.blogspot.com
>
Hi Jose, Have you fitted the chips i sent you yet ?? hope they were ok when they arrived

John
MM3CBO

8974. Re: [TS-850_450_690] Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-03 01:34:46 UTC
From: Dave ve3wej
Topic: 8899 Message: 8974

that was two weeks ago, I have posted since then, maybe I am getting put on approval??

----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <TS-850_450_690@yahoogroups.com>; <ve3wej@...>
Sent: Tuesday, March 02, 2010 6:54 PM
Subject: Re: [TS-850_450_690] Help with CW

> Dave, this was your latest post. Are you seeing this?????
>
> Dave ve3wej wrote:
>>
>> can you talk on ssb without vox, and check your vox gain control , it may
>> be also too low
>>
>> what about fsk mode, set radio in fsk, hit send, should be full scale
>> deflection. if not maybe car level is too low, pwr level too low...
>>
>> ----- Original Message -----
>> From: Dennis Ballengee
>> To: TS-850_450_690@yahoogroups.com
>> <mailto:TS-850_450_690%40yahoogroups.com>
>> Sent: Friday, February 19, 2010 5:07 PM
>> Subject: Re: [TS-850_450_690] Help with CW
>>
>> yes the vox is turned on. i cant even talk voice with vox. i can ptt
>> works fine. i think im having problems with my vox. i tryed to ajust the
>> antivox an the others but still nothing.
>>
>> --- On Tue, 2/16/10, Dave ve3wej <ve3wej@...
>> <mailto:ve3wej%40gmail.com>> wrote:
>>
>> From: Dave ve3wej <ve3wej@... <mailto:ve3wej%40gmail.com>>
>> Subject: Re: [TS-850_450_690] Help with CW
>> To: TS-850_450_690@yahoogroups.com
>> <mailto:TS-850_450_690%40yahoogroups.com>
>> Date: Tuesday, February 16, 2010, 8:13 PM
>>
>> is the vox on????
>>
>> ----- Original Message -----
>> From: Dennis
>> To: TS-850_450_690@ yahoogroups. com
>> Sent: Tuesday, February 16, 2010 1:09 AM

>> Subject: [TS-850_450_ 690] Help with CW
>>
>> Hello I am having problems on getting my TS-690s to transmit in the CW
>> mode I am going by the the manual instructions on the steps to operate in
>> CW but it will not key up at all in the CW mode at all can any one help
>> me with this an has any one eles have this problem? Thanks for reading
>> Dennis N5LED 73...
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>

8975. Re: Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-03 02:03:16 UTC
From: avvidclif
Topic: 8899 Message: 8975

Nope, you have un-moderated posting privileges. It can be changed if you want. Blame Yahoo....

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> that was two weeks ago, I have posted since then, maybe I am getting put on
> approval??
>
> ----- Original Message -----
> From: "Crownhaven" <crownhaven@...>
> To: <TS-850_450_690@yahoogroups.com>; <ve3wej@...>
> Sent: Tuesday, March 02, 2010 6:54 PM
> Subject: Re: [TS-850_450_690] Help with CW
>
>
> > Dave, this was your latest post. Are you seeing this?????
> >
> > Dave ve3wej wrote:
> >>
> >> can you talk on ssb without vox, and check your vox gain control , it may
> >> be also too low
> >>
> >> what about fsk mode, set radio in fsk, hit send, should be full scale
> >> deflection. if not maybe car level is too low, pwr level too low...
> >>
> >> ----- Original Message -----
> >> From: Dennis Ballengee
> >> To: TS-850_450_690@yahoogroups.com
> >> <mailto:TS-850_450_690%40yahoogroups.com>
> >> Sent: Friday, February 19, 2010 5:07 PM
> >> Subject: Re: [TS-850_450_690] Help with CW
> >>
> >> yes the vox is turned on. i cant even talk voice with vox. i can ptt
> >> works fine. i think im having problems with my vox. i tryed to ajust the
> >> antivox an the others but still nothing.
> >>
> >> --- On Tue, 2/16/10, Dave ve3wej <ve3wej@...
> >> <mailto:ve3wej%40gmail.com>> wrote:
> >>
> >> From: Dave ve3wej <ve3wej@... <mailto:ve3wej%40gmail.com>>
> >> Subject: Re: [TS-850_450_690] Help with CW
> >> To: TS-850_450_690@yahoogroups.com
> >> <mailto:TS-850_450_690%40yahoogroups.com>

> >> Date: Tuesday, February 16, 2010, 8:13 PM
> >>
> >> is the vox on????
> >>
> >> ----- Original Message -----
> >> From: Dennis
> >> To: TS-850_450_690@ yahoogroups. com
> >> Sent: Tuesday, February 16, 2010 1:09 AM
> >> Subject: [TS-850_450_ 690] Help with CW
> >>
> >> Hello I am having problems on getting my TS-690s to transmit in the CW
> >> mode I am going by the the manual instructions on the steps to operate in
> >> CW but it will not key up at all in the CW mode at all can any one help
> >> me with this an has any one eles have this problem? Thanks for reading
> >> Dennis N5LED 73...
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
>

8976. Re: [TS-850_450_690] Re: Help with CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-03 02:17:42 UTC
From: Dave ve3wej
Topic: 8899 Message: 8976

nope un-moderated is good, curious where the email went to, but...

If I blame anybody it would be gmail

Thanks though for checking

----- Original Message -----
From: "avvidclif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 02, 2010 9:03 PM
Subject: [TS-850_450_690] Re: Help with CW

> Nope, you have un-moderated posting privileges. It can be changed if you
> want. Blame Yahoo....
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> that was two weeks ago, I have posted since then, maybe I am getting put
>> on
>> approval??
>>
>> ----- Original Message -----
>> From: "Crownhaven" <crownhaven@...>
>> To: <TS-850_450_690@yahoogroups.com>; <ve3wej@...>
>> Sent: Tuesday, March 02, 2010 6:54 PM
>> Subject: Re: [TS-850_450_690] Help with CW
>>
>>
>> > Dave, this was your latest post. Are you seeing this?????
>> >
>> > Dave ve3wej wrote:
>> >>
>> >> can you talk on ssb without vox, and check your vox gain control , it
>> >> may
>> >> be also too low
>> >>
>> >> what about fsk mode, set radio in fsk, hit send, should be full scale
>> >> deflection. if not maybe car level is too low, pwr level too low...
>> >>
>> >> ----- Original Message -----
>> >> From: Dennis Ballengee
>> >> To: TS-850_450_690@yahoogroups.com
>> >> <mailto:TS-850_450_690%40yahoogroups.com>
>> >> Sent: Friday, February 19, 2010 5:07 PM

>> >> Subject: Re: [TS-850_450_690] Help with CW
>> >>
>> >> yes the vox is turned on. i cant even talk voice with vox. i can ptt
>> >> works fine. i think im having problems with my vox. i tryed to ajust
>> >> the
>> >> antivox an the others but still nothing.
>> >>
>> >> --- On Tue, 2/16/10, Dave ve3wej <ve3wej@...
>> >> <mailto:ve3wej%40gmail.com>> wrote:
>> >>
>> >> From: Dave ve3wej <ve3wej@... <mailto:ve3wej%40gmail.com>>
>> >> Subject: Re: [TS-850_450_690] Help with CW
>> >> To: TS-850_450_690@yahoogroups.com
>> >> <mailto:TS-850_450_690%40yahoogroups.com>
>> >> Date: Tuesday, February 16, 2010, 8:13 PM
>> >>
>> >> is the vox on????
>> >>
>> >> ----- Original Message -----
>> >> From: Dennis
>> >> To: TS-850_450_690@ yahoogroups. com
>> >> Sent: Tuesday, February 16, 2010 1:09 AM
>> >> Subject: [TS-850_450_ 690] Help with CW
>> >>
>> >> Hello I am having problems on getting my TS-690s to transmit in the CW
>> >> mode I am going by the the manual instructions on the steps to operate
>> >> in
>> >> CW but it will not key up at all in the CW mode at all can any one
>> >> help
>> >> me with this an has any one eles have this problem? Thanks for reading
>> >> Dennis N5LED 73...
>> >>
>> >> [Non-text portions of this message have been removed]
>> >>
>> >> [Non-text portions of this message have been removed]
>> >>
>> >> [Non-text portions of this message have been removed]
>> >>
>> >>
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8977. RE: [TS-850_450_690] SPEAKING OF DDS CHIPS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-03 07:25:34 UTC
From: Jose V. Gavila
Topic: 8941 Message: 8977

Hi Harold,

>Jose what is the value of the display cap and do u know as to were i can buy
>them ,,, i have 2 very nice 850`s with low time on them,, and have been going

>to ask what i needed this just got me in gear THANKS N5TOG HAROLD

It is a 470uF/16V (at least this is what I used to replace the damaged one, as you can see in my WEB, so original would be similar). Look for a low profile unit, so you don't need to resort to put is on its side, as I did :-). On later repairs I found a more suitable unit. You can get them at any electronics store or by mail (Digikey, Mouse, Farnell and such)

Even if display is still working, you need to carefully clean the area below and around it with alcohol, as leaked electrolyte could be in process of damaging the tiny PCB vias.

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

8978. TS-850 SAT computer control/ amp relay control conflict??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-04 23:17:10 UTC
From: Bob AD5VJ
Topic: 8978 Message: 8978

I have a new to me TS-850SAT on the way.

Should be here tomorrow or the next day so I am preparing a home for it. I have purchased a cable for computer control and I am fashioning an interface for digital modes. I also want to do true RTTY so am attempting to configure that in the modified RASCAL box I am using for soundcard modes.

The issue and question I am having right now is. Since the computer control cable takes up the 6 pin connector for computer control how do I also use the relay control for my external DRAKE L7 linear? I can hook up the ALC control with the phono I already have configured, but how to I get relay control for the amp.

73,
Bob AD5VJ

8979. Re: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 00:04:16 UTC
From: Dave ve3wej
Topic: 8978 Message: 8979

different connectors.. computer control is 6 pin acc jack, relay is 7 pin din plug along the bottom row

sound card , I use the 13 pin connector

----- Original Message -----
From: "Bob AD5VJ" <ad5vj@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, March 04, 2010 6:17 PM
Subject: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??

>I have a new to me TS-850SAT on the way.
>
> Should be here tomorrow or the next day so I am preparing a home for it. I
> have purchased a cable for computer control and I am fashioning an
> interface
> for digital modes. I also want to do true RTTY so am attempting to
> configure
> that in the modified RASCAL box I am using for soundcard modes.
>
> The issue and question I am having right now is. Since the computer
> control
> cable takes up the 6 pin connector for computer control how do I also use
> the relay control for my external DRAKE L7 linear? I can hook up the ALC
> control with the phono I already have configured, but how to I get relay
> control for the amp.
>
> 73,
> Bob AD5VJ
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8980. RE: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 00:49:11 UTC
From: Bob AD5VJ
Topic: 8978 Message: 8980

Gtg

I am configuring 13 pin (acc2) now for sound card.

The 6 pin (acc1?) I have at the end of the 9pin rs232 connector ready to go.

Here is the question then:

Linear amp switch in the on position.

I need to configure the 7 pin labeled 'remote' for the amp, which if I am reading the manual correctly 2 and 4 is my relay to my DRAKE L-7 RLY PHONO plug which is looking for a normally open circuit with 4 as the center connector and 2 as the outer conductor.

6 and ground is the alc control PHONO with 6 as center and ground as the outside connector on the phono is that correct?

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> Sent: Thursday, March 04, 2010 6:04 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850 SAT computer control/ amp relay
> control conflict??
>
> different connectors.. computer control is 6 pin acc jack, relay is 7
> pin
> din plug along the bottom row
>
> sound card , I use the 13 pin connector
>
> ----- Original Message -----
> From: "Bob AD5VJ" <ad5vj@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, March 04, 2010 6:17 PM
> Subject: [TS-850_450_690] TS-850 SAT computer control/ amp relay
> control
> conflict??
>
>
> >I have a new to me TS-850SAT on the way.
> >

> > Should be here tomorrow or the next day so I am preparing a home for
> it. I
> > have purchased a cable for computer control and I am fashioning an
> > interface
> > for digital modes. I also want to do true RTTY so am attempting to
> > configure
> > that in the modified RASCAL box I am using for soundcard modes.
> >
> > The issue and question I am having right now is. Since the computer
> > control
> > cable takes up the 6 pin connector for computer control how do I also
> use
> > the relay control for my external DRAKE L7 linear? I can hook up the
> ALC
> > control with the phono I already have configured, but how to I get
> relay
> > control for the amp.
> >
> > 73,
> > Bob AD5VJ
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8981. New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 03:35:21 UTC
From: nz6p_mike
Topic: 8981 Message: 8981

I just installed the YK-88C-1 and YK-88SN-1 in the two IF slots and the YG-455C-1 in the 455 IF slot. I am confused about which filter switches I need to turn on. Do set the 4, 3 and 1 switches on or just the 3 and 1 switches?

[Non-text portions of this message have been removed]

8983. Re: [TS-850_450_690] New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 16:08:27 UTC
From: Tom Osborne
Topic: 8981 Message: 8983

Hi Mike

According to my '450 manual, 2 is 8.83 SSB, 3 is 8.83 CW and 4 is 455 CW.

I\';m actually a little confuse as to what 1 is. I have 1, 2, 3 an 4 all
turned on with the same filter selection as you have there. 73

>
> I just installed the YK-88C-1 and YK-88SN-1 in the two IF slots and the
> YG-455C-1 in the 455 IF slot. I am confused about which filter switches
> I need to turn on. Do set the 4, 3 and 1 switches on or just the 3 and 1
> switches?
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

8984. Re: New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 17:29:49 UTC
From: nz6p_mike
Topic: 8981 Message: 8984

I agree it is very clear in the TS-450 manual. On the TS-450 the two slots for the 8.83 IF are set up so that the ssb filter always goes in one and the cw filter in the other.

But in the TS-850 the instruction manual shows that the ssb filter (1.8kHz) goes in one slot if the narrow cw filter is also being installed in the 8.83 IF and the ssb filter goes in the other slot if the 500Hz cw filter is being installed. The confusion for me comes because the figure in the instruction manual for setting the physical switches on the top if the rig shows the #4 switch is for the CN (narrow)cwfilter and the #3 switch is for the C (500Hz)cw filter. I suspect I am reading too much into into it. I put the three filters in the slots that they were supposed to go, and I should simply turn on the three switches 4, 3 and 1.

Right? Then scrolling thru the 8.83 IF filters from the front panel will give me the 1.8 ssb filter when it displays 2.7k and I will get the 500Hz cw filter when it displays 500. But what am I getting when it displays 270 ???

It 'sounds' more like I am getting the 1.8 when it displays 270. Could it be that the instructions in the manual for placing the ssb filter in a different spot depending on which cw filter is being installed are wrong?

I am baffeled.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Mike
>
> According to my '450 manual, 2 is 8.83 SSB, 3 is 8.83 CW and 4 is 455 CW.
>
> I\';m actually a little confuse as to what 1 is. I have 1, 2, 3 an 4 all
> turned on with the same filter selection as you have there. 73
>
>
>
> > I just installed the YK-88C-1 and YK-88SN-1 in the two IF slots and the
> > YG-455C-1 in the 455 IF slot. I am confused about which filter switches
> > I need to turn on. Do set the 4, 3 and 1 switches on or just the 3 and 1
> > switches?
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >
>

8985. Re: New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 18:56:48 UTC
From: ah6rr1
Topic: 8981 Message: 8985

If you are getting the 1.8 filter in the 270 spot then that is right at least thats the way mine does it when in SSB Mode when you go into CW mode it will slect the filters for CW and if you have the 500hz filter you wont get any RX in the 270 position just the 500. Hope this helps.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@...> wrote:
>
> I agree it is very clear in the TS-450 manual. On the TS-450 the two slots for the 8.83 IF are set up so that the ssb filter always goes in one and the cw filter in the other.
>
> But in the TS-850 the instruction manual shows that the ssb filter (1.8kHz) goes in one slot if the narrow cw filter is also being installed in the 8.83 IF and the ssb filter goes in the other slot if the 500Hz cw filter is being installed. The confusion for me comes because the figure in the instruction manual for setting the physical switches on the top if the rig shows the #4 switch is for the CN (narrow)cwfilter and the #3 switch is for the C (500Hz)cw filter. I suspect I am reading too much into into it. I put the three filters in the slots that they were supposed to go, and I should simply turn on the three switches 4, 3 and 1.
>
> Right? Then scrolling thru the 8.83 IF filters from the front panel will give me the 1.8 ssb filter when it displays 2.7k and I will get the 500Hz cw filter when it displays 500. But what am I getting when it displays 270 ???
>
> It 'sounds' more like I am getting the 1.8 when it displays 270. Could it be that the instructions in the manual for placing the ssb filter in a different spot depending on which cw filter is being installed are wrong?
>
> I am baffeled.
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi Mike
> >
> > According to my '450 manual, 2 is 8.83 SSB, 3 is 8.83 CW and 4 is 455 CW.
> >
> > I\';m actually a little confuse as to what 1 is. I have 1, 2, 3 an 4 all
> > turned on with the same filter selection as you have there. 73
> >
> >
> >
> >
> > > I just installed the YK-88C-1 and YK-88SN-1 in the two IF slots and the
> > > YG-455C-1 in the 455 IF slot. I am confused about which filter switches

> > > I need to turn on. Do set the 4, 3 and 1 switches on or just the 3 and 1
> > > switches?
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >
> > >
> >
>

8986. Re: [TS-850_450_690] Re: New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 19:29:17 UTC
From: Bob Naylor
Topic: 8981 Message: 8986

It can be confusing. It's been more than 15 years since I installed filters in my 850. Don't pay any attention to what the display number says, you can put any filter in any slot (same IF of course). For example I have a 240 filter in the "500" slot on my 455 IF. When I bought the rig in 1993 or 4 there was a 1.8 SSB filter in the 8.83 IF "500" slot. Bob WE6C

--- On Fri, 3/5/10, nz6p_mike <nz6p_mike@yahoo.com> wrote:

From: nz6p_mike <nz6p_mike@...>
Subject: [TS-850_450_690] Re: New to TS-850 and have a question about the filter switch settings
To: TS-850_450_690@yahoogroups.com
Date: Friday, March 5, 2010, 9:29 AM

I agree it is very clear in the TS-450 manual. On the TS-450 the two slots for the 8.83 IF are set up so that the ssb filter always goes in one and the cw filter in the other.

But in the TS-850 the instruction manual shows that the ssb filter (1.8kHz) goes in one slot if the narrow cw filter is also being installed in the 8.83 IF and the ssb filter goes in the other slot if the 500Hz cw filter is being installed. The confusion for me comes because the figure in the instruction manual for setting the physical switches on the top if the rig shows the #4 switch is for the CN (narrow)cwfilter and the #3 switch is for the C (500Hz)cw filter. I suspect I am reading too much into into it. I put the three filters in the slots that they were supposed to go, and I should simply turn on the three switches 4, 3 and 1.

Right? Then scrolling thru the 8.83 IF filters from the front panel will give me the 1.8 ssb filter when it displays 2.7k and I will get the 500Hz cw filter when it displays 500. But what am I getting when it displays 270 ???

It 'sounds' more like I am getting the 1.8 when it displays 270. Could it be that the instructions in the manual for placing the ssb filter in a different spot depending on which cw filter is being installed are wrong?

I am baffeled.

--- In TS-850_450_690@ yahoogroups. com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Mike
>
> According to my '450 manual, 2 is 8.83 SSB, 3 is 8.83 CW and 4 is 455 CW.
>
> I\';m actually a little confuse as to what 1 is. I have 1, 2, 3 an 4 all
> turned on with the same filter selection as you have there. 73
>

>
>
> >
> > I just installed the YK-88C-1 and YK-88SN-1 in the two IF slots and the
> > YG-455C-1 in the 455 IF slot. I am confused about which filter switches
> > I need to turn on. Do set the 4, 3 and 1 switches on or just the 3 and 1
> > switches?
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------ --------- --------- ------
> >
> > THANKS FOR USING TS-850_450_690@ ...! Groups Links
> >
> >
> >
> >
>

[Non-text portions of this message have been removed]

8987. Re: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 20:30:19 UTC
From: Dave ve3wej
Topic: 8978 Message: 8987

> The 6 pin (acc1?) I have at the end of the 9pin rs232 connector ready to
> go.

this must go through an interface device, NOT direct rs232, levels are ttl

is tyour rs232 an actual interface device???

8988. Frequency shifting problem using PSK31 with the TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 19:48:08 UTC
From: professorsolderflux
Topic: 8988 Message: 8988

I have an intermittent problem with frequency drift (or shift) when using the PSK31 mode on my TS-850. I am using HRD 5 beta, and DM780 for rig control and interface. I am also using a RIGblaster Plus and the motherboard card of my 3GHz IBM PC. I am operating in VOX mode (on the RB), letting DM/HRD provide the PTT switching.

I've worked many countries over the last month, but am now plagued with the received signal trace moving position on the waterfall (+20Hz or so) with each RX return. If I TX on the adjusted RX freq, the other party has to chase me with each go-round.

I do not have RIT, or XIT enabled. West Mountain was no help, except to say their interface has no control on frequency tuning (which is correct). I am taking the line-level audio from the ACC 2 jack at the rear into their adapter and then to the PC and rig.

Does this problem sound familiar to anyone?

8989. Re: [TS-850_450_690] Frequency shifting problem using PSK31 with the TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 21:52:46 UTC
From: Chuck Goelz
Topic: 8988 Message: 8989

It sounds to me as though you have the Rx AFC enabled, as well as Tx-follows-Rx (or whatever these functions are called in DM780)... If so, disabling either one should bring some stability.

Anyone else have a guess?

Cheers & GL,
Chuck WA3CEJ

----- Original Message -----
From: professorsolderflux
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 05, 2010 2:48 PM
Subject: [TS-850_450_690] Frequency shifting problem using PSK31 with the TS-850SAT

I have an intermittent problem with frequency drift (or shift) when using the PSK31 mode on my TS-850. I am using HRD 5 beta, and DM780 for rig control and interface. I am also using a RIGblaster Plus and the motherboard card of my 3GHz IBM PC. I am operating in VOX mode (on the RB), letting DM/HRD provide the PTT switching.

I've worked many countries over the last month, but am now plagued with the received signal trace moving position on the waterfall (+20Hz or so) with each RX return. If I TX on the adjusted RX freq, the other party has to chase me with each go-round.

I do not have RIT, or XIT enabled. West Mountain was no help, except to say their interface has no control on frequency tuning (which is correct). I am taking the line-level audio from the ACC 2 jack at the rear into their adapter and then to the PC and rig.

Does this problem sound familiar to anyone?

[Non-text portions of this message have been removed]

8990. Re: [TS-850_450_690] Re: New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 22:24:03 UTC
From: Bob Naylor
Topic: 8981 Message: 8990

I will try to clarify, at least mine works this way. Regardless of mode, any filter spot can be "chosen" in either IF. Naturally if you choose 500hz and trying to listen to SSB, you won't hear much. As far as the switches go, each filter switch must be turned on to activate that filter and the power must be off when turning on the switches. Hope this helps. Bob WE6C

--- On Fri, 3/5/10, ah6rr1 <Toesonnose@...> wrote:

From: ah6rr1 <Toesonnose@...>
Subject: [TS-850_450_690] Re: New to TS-850 and have a question about the filter switch settings
To: TS-850_450_690@yahoogroups.com
Date: Friday, March 5, 2010, 10:56 AM

If you are getting the 1.8 filter in the 270 spot then that is right at least thats the way mine does it when in SSB Mode when you go into CW mode it will slect the filters for CW and if you have the 500hz filter you wont get any RX in the 270 position just the 500. Hope this helps.

Roland AH6RR

--- In TS-850_450_690@ yahoogroups. com, "nz6p_mike" <nz6p_mike@. ..> wrote:
>
> I agree it is very clear in the TS-450 manual. On the TS-450 the two slots for the 8.83 IF are set up so that the ssb filter always goes in one and the cw filter in the other.
>
> But in the TS-850 the instruction manual shows that the ssb filter (1.8kHz) goes in one slot if the narrow cw filter is also being installed in the 8.83 IF and the ssb filter goes in the other slot if the 500Hz cw filter is being installed. The confusion for me comes because the figure in the instruction manual for setting the physical switches on the top if the rig shows the #4 switch is for the CN (narrow)cwfilter and the #3 switch is for the C (500Hz)cw filter. I suspect I am reading too much into into it. I put the three filters in the slots that they were supposed to go, and I should simply turn on the three switches 4, 3 and 1.
>
> Right? Then scrolling thru the 8.83 IF filters from the front panel will give me the 1.8 ssb filter when it displays 2.7k and I will get the 500Hz cw filter when it displays 500. But what am I getting when it displays 270 ???
>
> It 'sounds' more like I am getting the 1.8 when it displays 270. Could it be that the instructions in the manual for placing the ssb filter in a different spot depending on which cw filter is being installed are wrong?
>
> I am baffeled.
>

> --- In TS-850_450_690@ yahoogroups. com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi Mike
> >
> > According to my '450 manual, 2 is 8.83 SSB, 3 is 8.83 CW and 4 is 455 CW.
> >
> > I\';m actually a little confuse as to what 1 is. I have 1, 2, 3 an 4 all
> > turned on with the same filter selection as you have there. 73
> >
> >
> >
> > >
> > > I just installed the YK-88C-1 and YK-88SN-1 in the two IF slots and the
> > > YG-455C-1 in the 455 IF slot. I am confused about which filter switches
> > > I need to turn on. Do set the 4, 3 and 1 switches on or just the 3 and 1
> > > switches?
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------ --------- --------- ------
> > >
> > > THANKS FOR USING TS-850_450_690@ ! Groups Links
> > >
> > >
> > >
> > >
> > >
> >
>

[Non-text portions of this message have been removed]

8991. Re: Frequency shifting problem using PSK31 with the TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 23:10:16 UTC
From: professorsolderflux
Topic: 8988 Message: 8991

Yes, I do have AFC enabled. I did this after first encountering the change. Maybe I don't fully understand the AFC concept (the DM780 manual is a little light on details), but I thought it might better track a changing RX freq.--I'll try it without for a while. I'm not aware of the other feature in the DM app, but I'll look.

Thanks for the help, Chuck.
Ron, KØGOP

--- In TS-850_450_690@yahoogroups.com, "Chuck Goelz" <c.goelz@...> wrote:
>
> It sounds to me as though you have the Rx AFC enabled, as well as Tx-follows-Rx (or whatever these functions are called in DM780)... If so, disabling either one should bring some stability.
>
> Anyone else have a guess?
>
> Cheers & GL,
> Chuck WA3CEJ
>
> ----- Original Message -----
> From: professorsolderflux
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, March 05, 2010 2:48 PM
> Subject: [TS-850_450_690] Frequency shifting problem using PSK31 with the TS-850SAT
>
>
>
> I have an intermittent problem with frequency drift (or shift) when using the PSK31 mode on my TS-850. I am using HRD 5 beta, and DM780 for rig control and interface. I am also using a RIGblaster Plus and the motherboard card of my 3GHz IBM PC. I am operating in VOX mode (on the RB), letting DM/HRD provide the PTT switching.
>
> I've worked many countries over the last month, but am now plagued with the received signal trace moving position on the waterfall (+20Hz or so) with each RX return. If I TX on the adjusted RX freq, the other party has to chase me with each go-round.
>
> I do not have RIT, or XIT enabled. West Mountain was no help, except to say their interface has no control on frequency tuning (which is correct). I am taking the line-level audio from the ACC 2 jack at the rear into their adapter and then to the PC and rig.
>
> Does this problem sound familiar to anyone?
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

8992. Re: New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 23:43:55 UTC
From: nz6p_mike
Topic: 8981 Message: 8992

Thanks, all. I have it straight now. I also found an older post from NL7W who wrote:

"As for the lone 2.1 KHz SSB filter in the 8.83 MHz IF, assign it to the 270 Hz slot, dipswitch #4 on. In effect, this will leave the rig's installed 2.7 KHz filter alone, offering you the choice between these two SSB filters by the push of the 8.83 FILTER selection button on the front panel. You'll like the difference the 2.1 KHz makes for you on crowded bands -- slightly narrower, but with steep skirts. Like you may assume, install and assign the Inrad 400 Hz CW filters to the 500 Hz slot in both IFs. ☐ dipswitch
positions 1 and 3 on."

Which is what I did with my filters (although my CW filters are the 500Hz type.) It means that when I see the 8.83 IF display 500, it is the CW 500 Hz filter and when it displays 270 it is the 1.8 SSB filter. A little anti-intuitive but I've got it.

Now for some on the air time....

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> I will try to clarify, at least mine works this way.Â Regardless of mode, any filter spot can be "chosen" in either IF.Â Naturally if you chooseÂ 500hz and trying to listen to SSB, you won't hear much.Â As far as the switches go, each filter switch must be turned on to activate that filter and the power must be off when turning on the switches.Â Hope this helps.Â BobÂ WE6C
>
> --- On Fri, 3/5/10, ah6rr1 <Toesonnose@...> wrote:
>
>

8993. Re: [TS-850_450_690] Frequency shifting problem using PSK31 with the TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-05 21:08:13 UTC
From: Tom Osborne
Topic: 8988 Message: 8993

Hi
Do you have the 'net' or 'afc' buttons pushed in? If so, click them out.
If you have AFC pushed it, it will start searching for another signal to
lock onto. 73
Tom W7WHY

>I have an intermittent problem with frequency drift (or shift) when using
>the PSK31 mode on my TS-850. I am using HRD 5 beta, and DM780 for rig
>control and interface. I am also using a RIGblaster Plus and the
>motherboard card of my 3GHz IBM PC. I am operating in VOX mode (on the
>RB), letting DM/HRD provide the PTT switching.
>
> I've worked many countries over the last month, but am now plagued with
> the received signal trace moving position on the waterfall (+20Hz or so)
> with each RX return. If I TX on the adjusted RX freq, the other party has
> to chase me with each go-round.
>
> I do not have RIT, or XIT enabled. West Mountain was no help, except to
> say their interface has no control on frequency tuning (which is correct).
> I am taking the line-level audio from the ACC 2 jack at the rear into
> their adapter and then to the PC and rig.
>
> Does this problem sound familiar to anyone?

8994. RE: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-06 01:11:52 UTC
From: Bob AD5VJ
Topic: 8978 Message: 8994

Hi Dave

Gottcha it not direct sorry for the confusion, it goes through a level converter, my mis-wording sorry.

BOB AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> Sent: Friday, March 05, 2010 2:30 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??
> Importance: High
>
> > The 6 pin (acc1?) I have at the end of the 9pin rs232 connector ready to
> > go.
>
> this must go through an interface device, NOT direct rs232, levels are ttl
>
> is tyour rs232 an actual interface device???
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8995. Re: [TS-850_450_690] Re: Frequency shifting problem using PSK31 with the TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-06 00:39:55 UTC
From: Tom Osborne
Topic: 8988 Message: 8995

Hi Ron

If you have AFC enabled, and the bandpass wide open, it will start searching
for other signals in the bandpass. As long as it can hear something, it
will try and lock on that station.
73
Tom W7WHY

Yes, I do have AFC enabled. I did this after first encountering the change.
Maybe I don't fully understand the AFC concept (the DM780 manual is a little
light on details), but I thought it might better track a changing RX
freq.--I'll try it without for a while. I'm not aware of the other feature
in the DM app, but I'll look.

Thanks for the help, Chuck.
Ron, K?GOP

--- In TS-850_450_690@yahoogroups.com, "Chuck Goelz" <c.goelz@...> wrote:
>
> It sounds to me as though you have the Rx AFC enabled, as well as
> Tx-follows-Rx (or whatever these functions are called in DM780)... If so,
> disabling either one should bring some stability.
>
> Anyone else have a guess?
>
> Cheers & GL,
> Chuck WA3CEJ
>
> ----- Original Message -----
> From: professorsolderflux
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, March 05, 2010 2:48 PM
> Subject: [TS-850_450_690] Frequency shifting problem using PSK31 with
> the TS-850SAT
>
>
>
>
> I have an intermittent problem with frequency drift (or shift) when
> using the PSK31 mode on my TS-850. I am using HRD 5 beta, and DM780 for
> rig control and interface. I am also using a RIGblaster Plus and the
> motherboard card of my 3GHz IBM PC. I am operating in VOX mode (on the
> RB), letting DM/HRD provide the PTT switching.
>
> I've worked many countries over the last month, but am now plagued with
> the received signal trace moving position on the waterfall (+20Hz or so)

> with each RX return. If I TX on the adjusted RX freq, the other party has
> to chase me with each go-round.
>
> I do not have RIT, or XIT enabled. West Mountain was no help, except to
> say their interface has no control on frequency tuning (which is correct).
> I am taking the line-level audio from the ACC 2 jack at the rear into
> their adapter and then to the PC and rig.
>
> Does this problem sound familiar to anyone?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...! Groups Links

8996. Re: [TS-850_450_690] Re: New to TS-850 and have a question about the filter switch settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-06 02:02:06 UTC
From: Bob Naylor
Topic: 8981 Message: 8996

Great Mike! Hope to see you on the air one of these days. Bob WE6C

--- On Fri, 3/5/10, nz6p_mike <nz6p_mike@...> wrote:

From: nz6p_mike <nz6p_mike@...>
Subject: [TS-850_450_690] Re: New to TS-850 and have a question about the filter switch settings
To: TS-850_450_690@yahoogroups.com
Date: Friday, March 5, 2010, 3:43 PM

Thanks, all. I have it straight now. I also found an older post from NL7W who wrote:

"As for the lone 2.1 KHz SSB filter in the 8.83 MHz IF, assign it to the 270 Hz slot, dipswitch #4 on. In effect, this will leave the rig's installed 2.7 KHz filter alone, offering you the choice between these two SSB filters by the push of the 8.83 FILTER selection button on the front panel. You'll like the difference the 2.1 KHz makes for you on crowded bands -- slightly narrower, but with steep skirts. Like you may assume, install and assign the Inrad 400 Hz CW filters to the 500 Hz slot in both IFs. – dipswitch positions 1 and 3 on."

Which is what I did with my filters (although my CW filters are the 500Hz type.) It means that when I see the 8.83 IF display 500, it is the CW 500 Hz filter and when it displays 270 it is the 1.8 SSB filter. A little anti-intuitive but I've got it.

Now for some on the air time....

--- In TS-850_450_690@ yahoogroups. com, Bob Naylor <wotbob01@.. .> wrote:
>
> I will try to clarify, at least mine works this way.Â Regardless of mode, any filter spot can be "chosen" in either IF.Â Naturally if you chooseÂ 500hz and trying to listen to SSB, you won't hear much.Â As far as the switches go, each filter switch must be turned on to activate that filter and the power must be off when turning on the switches.Â Hope this helps.Â BobÂ WE6C
>
> --- On Fri, 3/5/10, ah6rr1 <Toesonnose@ ...> wrote:
>
>

[Non-text portions of this message have been removed]

8997. RE: [TS-850_450_690] TS-850 SAT computer control/ amp relay control conflict??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-06 07:46:21 UTC
From: Bob AD5VJ
Topic: 8978 Message: 8997

Rig is here and is working like a charm thanks to you guys helping me with the cabling ALL I CAN SY IS WOW I CANT BELIEVE THE EXCELLENCE OF THIS RADIO.

Even the original box has not scratches, this rig is truly pristine and MAN WHAT AUDIO I don't have any filters yet just the stock ones and it already sounds better than any rig I have owned, including the FT-1000MP MKV I had not too long ago.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> Sent: Friday, March 05, 2010 2:30 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850 SAT computer control/ amp relay
> control conflict??
> Importance: High
>
> > The 6 pin (acc1?) I have at the end of the 9pin rs232 connector ready
> to
> > go.
>
> this must go through an interface device, NOT direct rs232, levels are
> ttl
>
> is tyour rs232 an actual interface device???
>
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

8998. Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 01:25:07 UTC
From: Bob AD5VJ
Topic: 8998 Message: 8998

Someone told me this would work with my TS-850SAT does anyone have any experience with a panadapter and a kenwood?

http://www.eham.net/reviews/detail/7876

73,
Bob AD5VJ

8999. Re: [TS-850_450_690] Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 05:19:45 UTC
From: Dave ve3wej
Topic: 8998 Message: 8999

Did you follow the link to the manufacturers website, maybe ask them if you
get no answer here...

Dave Garber
VE3WEJ
----- Original Message -----
From: "Bob AD5VJ" <ad5vj@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 06, 2010 8:25 PM
Subject: [TS-850_450_690] Panadapter for 8.83 MHz IF Kenwood Radios

> Someone told me this would work with my TS-850SAT does anyone have any
> experience with a panadapter and a kenwood?
>
> http://www.eham.net/reviews/detail/7876
>
> 73,
> Bob AD5VJ
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9000. Re: Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 17:10:37 UTC
From: avvidclif
Topic: 8998 Message: 9000

The website specifically states it will work with an 850.

Clif

--- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
>
> Someone told me this would work with my TS-850SAT does anyone have any
> experience with a panadapter and a kenwood?
>
> http://www.eham.net/reviews/detail/7876
>
> 73,
> Bob AD5VJ
>

9001. Re: Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 17:31:19 UTC
From: peterwalker1999
Topic: 8998 Message: 9001

They do work with TS-850

Check out the Yahoo user group

http://groups.yahoo.com/group/LP-PAN

good group with lots of information.

regards

peter

G0RSQ

--- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
>
> Someone told me this would work with my TS-850SAT does anyone have any
> experience with a panadapter and a kenwood?
>
> http://www.eham.net/reviews/detail/7876
>
> 73,
> Bob AD5VJ
>

9002. Re: Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 17:42:51 UTC
From: David Turney
Topic: 8998 Message: 9002

Still putting mine together (it's on a long, long list!) but if it helps, the quality is excellent. (I haven't checked, but there can't be many products on eham with an overall 5/5 rating from 12 reviews.) See also a rather fuzzy 'TS-850 with WINRAD via the LP-PAN' on You Tube.

[Non-text portions of this message have been removed]

9003. Re: Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 19:24:47 UTC
From: Bryan
Topic: 8998 Message: 9003

Hi Bob,

According to http://www.telepostinc.com/LP-PAN.html, "Available for [snip] Kenwood radios with 8.83 MHz IF output jack for SM-220 (TS-850,870,940,950)."

I've used a Heath SB620 'Scanalyzer' with my TS120 & TS130 rigs (same 8.83 MHz IF but, single conversion). With the triple conversion scheme of rigs like the TS850, you can see only as far away from the center frequency that any selectivity in your first IF will allow. If you have a 20KHz wide roofing filter, that's all the bandwidth in which you're going to see any signal(s).

73,
Bryan WA7PRC

Bob AD5VJ wrote:
>
> Someone told me this would work with my TS-850SAT does anyone have any
> experience with a panadapter and a kenwood?
>
> http://www.eham.net/reviews/detail/7876
>
> 73,
> Bob AD5VJ
>

9004. ts 850 s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 20:10:22 UTC
From: Jim Baumann
Topic: 9004 Message: 9004

my 850 when going into tx peeks full power then fallsvery far back then peeks and holds seems to do in all modes. wondered if anyone had any ideas as to cause and fix thanks for any input ab9na jim

9005. ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 20:43:14 UTC
From: Jim
Topic: 9005 Message: 9005

the output on my 850 peeks then falls back then peeks and stays. seems to be slowly getting worse.anyone have any input as to problem or fix. broken hearted in indiana ab9na jim

9006. Re: ts 850 s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 20:50:06 UTC
From: ag1pct
Topic: 9004 Message: 9006

Check out the DC-to-DC post in Modifications area in Files section of the group.

73 - Ron - AG1P

--- In TS-850_450_690@yahoogroups.com, Jim Baumann <kc9iak@...> wrote:
>
> my 850 when going into tx peeks full power then fallsvery far back then peeks and holds seems to do in all modes. wondered if anyone had any ideas as to cause and fix thanks for any input ab9na jim
>

9007. Re: [TS-850_450_690] Re: ts 850 s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-07 22:58:33 UTC
From: Jim Baumann
Topic: 9004 Message: 9007

thanks so much ron for the information on the dctodc mods ill try that 73 ab9na2000

From: ag1pct <ronpotter@gmail.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, March 7, 2010 3:50:06 PM
Subject: [TS-850_450_690] Re: ts 850 s

Check out the DC-to-DC post in Modifications area in Files section of the group.

73 - Ron - AG1P

--- In TS-850_450_690@ yahoogroups. com, Jim Baumann <kc9iak@...> wrote:
>
> my 850 when going into tx peeks full power then fallsvery far back then peeks and holds seems to do in all modes. wondered if anyone had any ideas as to cause and fix thanks for any input ab9na jim
>

[Non-text portions of this message have been removed]

9008. RE: [TS-850_450_690] Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-08 01:13:54 UTC
From: Bob AD5VJ
Topic: 8998 Message: 9008

Yes and they say it will work with any kenwood with a 8.83 IF, which my
850sat does have, I was just wondering if anyone here had used one yet.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> Sent: Saturday, March 06, 2010 11:20 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Panadapter for 8.83 MHz IF Kenwood Radios
>
> Did you follow the link to the manufacturers website, maybe ask them if
> you
> get no answer here...
>
>
> Dave Garber
> VE3WEJ
> ----- Original Message -----
> From: "Bob AD5VJ" <ad5vj@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, March 06, 2010 8:25 PM
> Subject: [TS-850_450_690] Panadapter for 8.83 MHz IF Kenwood Radios
>
>
> > Someone told me this would work with my TS-850SAT does anyone have
> any
> > experience with a panadapter and a kenwood?
> >
> > http://www.eham.net/reviews/detail/7876
> >
> > 73,
> > Bob AD5VJ
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >

>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9009. RE: [TS-850_450_690] Re: Panadapter for 8.83 MHz IF Kenwood Radios

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-08 01:20:58 UTC
From: Bob AD5VJ
Topic: 8998 Message: 9009

JUST JOINED

If this is everything they say it is, this along with a ts-850sat filtered up with INRAD and modified accordingly, would be better than an ic-756proIII.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of peterwalker1999
> Sent: Sunday, March 07, 2010 11:31 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Panadapter for 8.83 MHz IF Kenwood Radios
>
> They do work with TS-850
>
> Check out the Yahoo user group
>
> http://groups.yahoo.com/group/LP-PAN
>
> good group with lots of information.
>
> regards
>
> peter
>
> G0RSQ
>
> --- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
> >
> > Someone told me this would work with my TS-850SAT does anyone have any
> > experience with a panadapter and a kenwood?
> >
> > http://www.eham.net/reviews/detail/7876
> >
> > 73,
> > Bob AD5VJ
> >
>
>
>
>
> ------------------------------------
>

> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9010. Re: [TS-850_450_690] ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-08 01:57:58 UTC
From: roger hanna
Topic: 9005 Message: 9010

Mine was doing the same thing a few years ago. I sent it to Kenwood repair in Lynn Haven, Virginia, and they replaced a "DC to DC converter" and even sent me back the defectice mini board as a trophy!! Only cost $100, and it has worked fine ever since!!

--- On Sun, 3/7/10, Jim <kc9iak@sbcglobal.net> wrote:

From: Jim <kc9iak@...>
Subject: [TS-850_450_690] ts 850
To: TS-850_450_690@yahoogroups.com
Date: Sunday, March 7, 2010, 2:43 PM

the output on my 850 peeks then falls back then peeks and stays. seems to be slowly getting worse.anyone have any input as to problem or fix. broken hearted in indiana ab9na jim

[Non-text portions of this message have been removed]

9011. tx distortion

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-08 02:59:31 UTC
From: Earl Laver
Topic: 9011 Message: 9011

I had a problem with a voltage spike from my power supply.The divers and one final were changed but the only way I didn't have distortion was to set the gain at 3,the processor at 6 ,with the high boost on. Any help would be appreciated.Kh6EL

9012. Re: tx distortion

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-08 14:06:17 UTC
From: avvidclif
Topic: 9011 Message: 9012

Did you set the bias on the drivers and finals after replacing the parts?

Clif

--- In TS-850_450_690@yahoogroups.com, Earl Laver <earllaver@...> wrote:
>
> I had a problem with a voltage spike from my power supply.The divers and
> one final were changed but the only way I didn't have distortion was to
> set the gain at 3,the processor at 6 ,with the high boost on. Any help
> would be appreciated.Kh6EL
>

9013. Re: [TS-850_450_690] Re: tx distortion

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-09 03:24:43 UTC
From: Earl Laver
Topic: 9011 Message: 9013

avvidclif wrote:
>
> Did you set the bias on the drivers and finals after replacing the parts?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Earl Laver <earllaver@...>
> wrote:
> >
> > I had a problem with a voltage spike from my power supply.The divers
> and
> > one final were changed but the only way I didn't have distortion was to
> > set the gain at 3,the processor at 6 ,with the high boost on. Any help
> > would be appreciated.Kh6EL
> >
>
>
The bias was not reset.Thanks for the help.kh6el

9014. AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 01:54:28 UTC
From: Richard Schmuke
Topic: 9014 Message: 9014

I got my hands on a old SB-230. It has many good parts in it and then the tube is of course is a unobtanium . I am in a process of gutting and re-tubing it like the ZL1ABX amp.

I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to control a small relay to operate the amp. Does anyone know the rating on this relay in the TS-450. It will be used to only to control another 24v relay I will add in the amp.

I am trying to keep away from a foot switch because a foot switch is what I use on my Heil mike

PS: Anybody need a spare block of Beryllium

Rich , KDØZZ

These are the humble ramblings of an old phart and in no way should they influence the actions of any intelligent and sane person

[Non-text portions of this message have been removed]

9015. Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 02:55:19 UTC
From: avvidclif
Topic: 9014 Message: 9015

The relay is rated .4A @ 125vac and 2A @ 30vdc

Clif

--- In TS-850_450_690@yahoogroups.com, "Richard Schmuke" <rdj@...> wrote:
>
> I got my hands on a old SB-230. It has many good parts in it and then the
> tube is of course is a unobtanium . I am in a process of gutting and
> re-tubing it like the ZL1ABX amp.
>
> I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to
> control a small relay to operate the amp. Does anyone know the rating on
> this relay in the TS-450. It will be used to only to control another 24v
> relay I will add in the amp.
>
> I am trying to keep away from a foot switch because a foot switch is what I
> use on my Heil mike
>
>
>
> PS: Anybody need a spare block of Beryllium
>
>
>
>
>
> Rich , KDØZZ
>
> These are the humble ramblings of an old phart and in no way should they
> influence the actions of any intelligent and sane person
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9016. Re: [TS-850_450_690] AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 03:04:45 UTC
From: KG5KS - Kenny Thompson
Topic: 9014 Message: 9016

Take another two wires from the foot switch to the amp and not worry about it, seeing how you are already doing this.

Thank you
73
Kenny
ARS KG5KS

From: Richard Schmuke <rdj@...t>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, March 9, 2010 7:54:28 PM
Subject: [TS-850_450_690] AMP/450

I got my hands on a old SB-230. It has many good parts in it and then the tube is of course is a unobtanium . I am in a process of gutting and re-tubing it like the ZL1ABX amp.

I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to control a small relay to operate the amp. Does anyone know the rating on this relay in the TS-450. It will be used to only to control another 24v relay I will add in the amp.

I am trying to keep away from a foot switch because a foot switch is what I use on my Heil mike

PS: Anybody need a spare block of Beryllium

Rich , KDØZZ

These are the humble ramblings of an old phart and in no way should they influence the actions of any intelligent and sane person

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9017. RE: [TS-850_450_690] AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 03:19:02 UTC
From: Richard Schmuke
Topic: 9014 Message: 9017

That is a very simple answer. Thanks Kenny. It is always good to get another view point that I did not think of.

Rich

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of KG5KS - Kenny Thompson
Sent: Tuesday, March 09, 2010 9:05 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] AMP/450

Take another two wires from the foot switch to the amp and not worry about it, seeing how you are already doing this.

Thank you
73
Kenny
ARS KG5KS

From: Richard Schmuke <rdj@... <mailto:rdj%40wildblue.net> >
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Sent: Tue, March 9, 2010 7:54:28 PM
Subject: [TS-850_450_690] AMP/450

I got my hands on a old SB-230. It has many good parts in it and then the tube is of course is a unobtanium . I am in a process of gutting and re-tubing it like the ZL1ABX amp.

I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to control a small relay to operate the amp. Does anyone know the rating on this relay in the TS-450. It will be used to only to control another 24v relay I will add in the amp.

I am trying to keep away from a foot switch because a foot switch is what I use on my Heil mike

PS: Anybody need a spare block of Beryllium

Rich , KDØZZ

These are the humble ramblings of an old phart and in no way should they influence the actions of any intelligent and sane person

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.436 / Virus Database: 271.1.1/2733 - Release Date: 03/09/10 19:33:00

[Non-text portions of this message have been removed]

9018. Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 03:23:35 UTC
From: avvidclif
Topic: 9014 Message: 9018

That will work if you have a spare pair of contacts on the footswitch. Otherwise the PTT voltage and the amp voltage probably won't get along together too well...

Clif

--- In TS-850_450_690@yahoogroups.com, "Richard Schmuke" <rdj@...> wrote:
>
> That is a very simple answer. Thanks Kenny. It is always good to get another view point that I did not think of.
>
> Rich
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of KG5KS - Kenny Thompson
> Sent: Tuesday, March 09, 2010 9:05 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] AMP/450
>
>
>
>
>
> Take another two wires from the foot switch to the amp and not worry about it, seeing how you are already doing this.
>
> Thank you
> 73
> Kenny
> ARS KG5KS
>
> _____
> From: Richard Schmuke <rdj@... <mailto:rdj%40wildblue.net> >
> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Tue, March 9, 2010 7:54:28 PM
> Subject: [TS-850_450_690] AMP/450
>
> I got my hands on a old SB-230. It has many good parts in it and then the
> tube is of course is a unobtanium . I am in a process of gutting and
> re-tubing it like the ZL1ABX amp.
>
> I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to
> control a small relay to operate the amp. Does anyone know the rating on
> this relay in the TS-450. It will be used to only to control another 24v
> relay I will add in the amp.

>
> I am trying to keep away from a foot switch because a foot switch is what I
> use on my Heil mike
>
> PS: Anybody need a spare block of Beryllium
>
> Rich , KDÃ□ZZ
>
> These are the humble ramblings of an old phart and in no way should they
> influence the actions of any intelligent and sane person
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.436 / Virus Database: 271.1.1/2733 - Release Date: 03/09/10 19:33:00
>
>
>
> [Non-text portions of this message have been removed]
>

9019. Re: [TS-850_450_690] Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 03:41:09 UTC
From: Tom Osborne
Topic: 9014 Message: 9019

Right. But, you could use the foot switch to control a DPDT relay which switches the radio and the amp both (if you don't have a cable). I've done that here in an emergency. 73
Tom W7WHY

That will work if you have a spare pair of contacts on the footswitch. Otherwise the PTT voltage and the amp voltage probably won't get along together too well...

Clif

9020. RE: [TS-850_450_690] Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 04:26:59 UTC
From: Richard Schmuke
Topic: 9014 Message: 9020

That is no problem , I did not use the Heil foot switch but made my own and used a micro-switch and a homemade foot pedal. The Heil cost too much and homemade was free. I am cheap. I can just add another switch. It could use a little more resistance on the foot pedal anyway.

Rich

Subject: [TS-850_450_690] Re: AMP/450

That will work if you have a spare pair of contacts on the footswitch. Otherwise the PTT voltage and the amp voltage probably won't get along together too well...

Clif
--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@...> wrote:
>
> That is a very simple answer. Thanks Kenny. It is always good to get another view point that I did not think of.
>
> Rich
> Subject: Re: [TS-850_450_690] AMP/450
>
> Take another two wires from the foot switch to the amp and not worry about it, seeing how you are already doing this.
>
> Thank you
> 73
> Kenny
> ARS KG5KS
> Subject: [TS-850_450_690] AMP/450
>
> I got my hands on a old SB-230. It has many good parts in it and then the
> tube is of course is a unobtanium . I am in a process of gutting and
> re-tubing it like the ZL1ABX amp.
>
> I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to
> control a small relay to operate the amp. Does anyone know the rating on
> this relay in the TS-450. It will be used to only to control another 24v
> relay I will add in the amp.
>
> I am trying to keep away from a foot switch because a foot switch is what
I
> use on my Heil mike
>

> PS: Anybody need a spare block of Beryllium
>
> Rich , KD0ZZ
>
> These are the humble ramblings of an old phart and in no way should they
> influence the actions of any intelligent and sane person
>

00

[Non-text portions of this message have been removed]

9021. RE: [TS-850_450_690] Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 03:24:21 UTC
From: Richard Schmuke
Topic: 9014 Message: 9021

Thanks Clif , like it said it will just be used to provide coil activation
of another small relay that will operate the T/R & bias relay.

Rich

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of avvidclif
Sent: Tuesday, March 09, 2010 8:55 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: AMP/450

The relay is rated .4A @ 125vac and 2A @ 30vdc

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@...>
wrote:
>
> I got my hands on a old SB-230. It has many good parts in it and then the
> tube is of course is a unobtanium . I am in a process of gutting and
> re-tubing it like the ZL1ABX amp.
>
> I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to
> control a small relay to operate the amp. Does anyone know the rating on
> this relay in the TS-450. It will be used to only to control another 24v
> relay I will add in the amp.
>
> I am trying to keep away from a foot switch because a foot switch is what
I
> use on my Heil mike
>
>
>
> PS: Anybody need a spare block of Beryllium
>
>
>
>
>
> Rich , KDØZZ
>
> These are the humble ramblings of an old phart and in no way should they
> influence the actions of any intelligent and sane person
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.436 / Virus Database: 271.1.1/2733 - Release Date: 03/09/10
19:33:00

[Non-text portions of this message have been removed]

9022. Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 15:52:51 UTC
From: avvidclif
Topic: 9014 Message: 9022

Let's see, a switch activating a relay activating more relays activating more relays. You T/R time is probably measured in seconds.

Clif

--- In TS-850_450_690@yahoogroups.com, "Richard Schmuke" <rdj@...> wrote:
>
> Thanks Clif , like it said it will just be used to provide coil activation
> of another small relay that will operate the T/R & bias relay.
>
> Rich
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of avvidclif
> Sent: Tuesday, March 09, 2010 8:55 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: AMP/450
>
>
>
>
>
>
> The relay is rated .4A @ 125vac and 2A @ 30vdc
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@>
> wrote:
> >
> > I got my hands on a old SB-230. It has many good parts in it and then the
> > tube is of course is a unobtanium . I am in a process of gutting and
> > re-tubing it like the ZL1ABX amp.
> >
> > I have a TS-450, It looks like I can use the remote connector pin 2 & 4 to
> > control a small relay to operate the amp. Does anyone know the rating on
> > this relay in the TS-450. It will be used to only to control another 24v
> > relay I will add in the amp.
> >
> > I am trying to keep away from a foot switch because a foot switch is what
> I
> > use on my Heil mike
> >

> >
> >
> > PS: Anybody need a spare block of Beryllium
> >
> >
> >
> >
> >
> > Rich , KDØZZ
> >
> > These are the humble ramblings of an old phart and in no way should they
> > influence the actions of any intelligent and sane person
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.436 / Virus Database: 271.1.1/2733 - Release Date: 03/09/10
> 19:33:00
>
>
>
> [Non-text portions of this message have been removed]
>

9023. RE: [TS-850_450_690] Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 18:14:18 UTC
From: Richard Schmuke
Topic: 9014 Message: 9023

You are right Clif , but the relay in the SB-230 is small and I am planning on replacing it with the next size larger. The T/R and bias is one 3p/dt relay but it is close to the max on the coil load for the 450 so a smaller one in between would reduce the load on the 450. I might go with the foot switch only but I do not think one small relay would add much time delay, the relay is rated at 15msec.

Rich

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of avvidclif
Sent: Wednesday, March 10, 2010 9:53 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: AMP/450

Let's see, a switch activating a relay activating more relays activating more relays. You T/R time is probably measured in seconds.

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@...>
wrote:
>
> Thanks Clif , like it said it will just be used to provide coil activation
> of another small relay that will operate the T/R & bias relay.
>
> Rich
>
>
>
> From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of avvidclif
> Sent: Tuesday, March 09, 2010 8:55 PM
> To: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: AMP/450
>
>
>
>
>
> The relay is rated .4A @ 125vac and 2A @ 30vdc

>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@>
> wrote:
> >
> > I got my hands on a old SB-230. It has many good parts in it and then
the
> > tube is of course is a unobtanium . I am in a process of gutting and
> > re-tubing it like the ZL1ABX amp.
> >
> > I have a TS-450, It looks like I can use the remote connector pin 2 & 4
to
> > control a small relay to operate the amp. Does anyone know the rating on
> > this relay in the TS-450. It will be used to only to control another 24v
> > relay I will add in the amp.
> >
> > I am trying to keep away from a foot switch because a foot switch is
what
> I
> > use on my Heil mike
> >
> >
> >
> > PS: Anybody need a spare block of Beryllium
> >
> >
> >
> >
> >
> > Rich , KDØZZ
> >
> > These are the humble ramblings of an old phart and in no way should they

> > influence the actions of any intelligent and sane person
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.436 / Virus Database: 271.1.1/2733 - Release Date: 03/09/10

> 19:33:00
>
>
>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.436 / Virus Database: 271.1.1/2734 - Release Date: 03/10/10
07:33:00

[Non-text portions of this message have been removed]

9024. RE: [TS-850_450_690] Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-10 19:24:13 UTC
From: Richard Schmuke
Topic: 9014 Message: 9024

Clif , I must apologize , in checking out coil loads vs load capability of the 450 I crossed watts and ma. The 450 can control the relay I am going to use with no problem.

Rich

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of avvidclif
Sent: Wednesday, March 10, 2010 9:53 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: AMP/450

Let's see, a switch activating a relay activating more relays activating more relays. You T/R time is probably measured in seconds.

Clif

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@...> wrote:
>
> Thanks Clif , like it said it will just be used to provide coil activation
> of another small relay that will operate the T/R & bias relay.
>
> Rich
>
>
>
> From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of avvidclif
> Sent: Tuesday, March 09, 2010 8:55 PM
> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: AMP/450
>
>
>
>
>
> The relay is rated .4A @ 125vac and 2A @ 30vdc
>
> Clif
>

> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com> , "Richard Schmuke" <rdj@>
> wrote:
> >
> > I got my hands on a old SB-230. It has many good parts in it and then
the
> > tube is of course is a unobtanium . I am in a process of gutting and
> > re-tubing it like the ZL1ABX amp.
> >
> > I have a TS-450, It looks like I can use the remote connector pin 2 & 4
to
> > control a small relay to operate the amp. Does anyone know the rating on
> > this relay in the TS-450. It will be used to only to control another 24v
> > relay I will add in the amp.
> >
> > I am trying to keep away from a foot switch because a foot switch is
what
> I
> > use on my Heil mike
> >
> >
> >
> > PS: Anybody need a spare block of Beryllium
> >
> >
> >
> >
> >
> > Rich , KDØZZ
> >
> > These are the humble ramblings of an old phart and in no way should they

> > influence the actions of any intelligent and sane person
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.436 / Virus Database: 271.1.1/2733 - Release Date: 03/09/10
> 19:33:00
>
>

>
> [Non-text portions of this message have been removed]
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.436 / Virus Database: 271.1.1/2734 - Release Date: 03/10/10
07:33:00

[Non-text portions of this message have been removed]

9025. Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-11 05:08:24 UTC
From: Bryan
Topic: 9014 Message: 9025

Hi Rich,

I have the Heil footswitch, a well-built unit. It has TWO microswitches in it, slightly out of time from each other. The one that toggles first is connected to the amplifier's ANT RELAY input. The second is connected to the rig's PTT input. The concept avoids hot-switching the amplifier.

If you run PTT exclusively, or run VOX (or semi/full break-in on CW) and have an amplifier that switches at least as fast as the rig, it's not an advantage. Currently, I don't run VOX w/ my TS850 because my SB220 still uses the slow OEM relay... for now. I use a homebrew transistorized relay driver (5V/10mA input).

If you're rebuilding your SB230, it might be a good thing to visit Richard Mesaures' (AG6K) website (www.somis.org) where he talks about QSK modifications for amplifiers.

vy 73,
Bryan WA7PRC

Rich wrote:
>
> That is no problem , I did not use the Heil foot switch but made my own and
> used a micro-switch and a homemade foot pedal. The Heil cost too much and
> homemade was free. I am cheap. I can just add another switch. It could use
> a little more resistance on the foot pedal anyway.
>
> Rich

9026. RE: [TS-850_450_690] Re: AMP/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-11 13:19:26 UTC
From: Richard Schmuke
Topic: 9014 Message: 9026

Anything Bob Heil ,K9EID,makes he tries for first class. He is a real nice guy , lives just across the river from me. Any way I was given the amp because the person who bought it off e-bay does not have the time or skill to work on it. He was been after me to work on it for a couple of years, finally he just gave it to me for parts. The tank circuit is fine as is the power transformer so new caps , diodes will be installed. Input and tube will be like the ZL1AXB amp. I have got most part in house now. Now moving the RF deck forward about 2 inches to give room for the glass tube and input coil.

Output/bias relay will be increased in size, soft start tube will be replaced with a relay. Just things to keep a old guy from getting senile.

I use PTT only , my back up rig is a TS-430 and had been exposed to saltwater , the VOX controls on top were corroded.

Rich

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Bryan
Sent: Wednesday, March 10, 2010 11:08 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: AMP/450

Hi Rich,

I have the Heil footswitch, a well-built unit. It has TWO microswitches in it, slightly out of time from each other. The one that toggles first is connected to the amplifier's ANT RELAY input. The second is connected to the rig's PTT input. The concept avoids hot-switching the amplifier.

If you run PTT exclusively, or run VOX (or semi/full break-in on CW) and have an amplifier that switches at least as fast as the rig, it's not an advantage. Currently, I don't run VOX w/ my TS850 because my SB220 still uses the slow OEM relay... for now. I use a homebrew transistorized relay driver (5V/10mA input).

If you're rebuilding your SB230, it might be a good thing to visit Richard Mesaures' (AG6K) website (www.somis.org) where he talks about QSK modifications for amplifiers.

vy 73,
Bryan WA7PRC

Rich wrote:
>
> That is no problem , I did not use the Heil foot switch but made my own

and
> used a micro-switch and a homemade foot pedal. The Heil cost too much and
> homemade was free. I am cheap. I can just add another switch. It could use
> a little more resistance on the foot pedal anyway.
>
> Rich

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.436 / Virus Database: 271.1.1/2735 - Release Date: 03/10/10
19:33:00

[Non-text portions of this message have been removed]

9027. Is Timewave audio DSP useful for TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-11 17:08:49 UTC
From: nz6p_mike
Topic: 9027 Message: 9027

I have used both the DSP-9 and the DSP-59+ on my TS-450 and found them very helpful for CW even with 500Hz IF filters. The IF shift would help, but the DSP was better.

Now with the TS-850's IF Slope tuning and my 500Hz filters, I do not see much use for the DSP-59+ on CW. Am I missing something? The reason I ask is the when I got the used rig, the previous owener included the article "TS-850 - 13 years later" which seemed to rave about using the DSP-59+. Am I wrong in assuming that the author was mostly talking about SSB reception?

I am interested in hearing if anyone finds the audio DSP worth while, especially on CW.

9028. Re: [TS-850_450_690] Is Timewave audio DSP useful for TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-12 13:59:00 UTC
From: Anthony W. DePrato
Topic: 9027 Message: 9028

At 12:08 PM 3/11/2010, you wrote:
>I have used both the DSP-9 and the DSP-59+ on my TS-450 and found
>them very helpful for CW even with 500Hz IF filters. The IF shift
>would help, but the DSP was better.
> Mike i have both the 59 and 59+ and use them with all my
> rigs 950 850 and 870. i find that on 80 and 160 meters they are
> great in cutting down background noise on both ssb and cw. hope
> this is of some help

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

9029. Re: Is Timewave audio DSP useful for TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-12 15:48:05 UTC
From: nz6p_mike
Topic: 9027 Message: 9029

That may be the key. I usually operate 40 and 20, although I can work 80 meters. I will give it a try. Thanks.

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
> At 12:08 PM 3/11/2010, you wrote:
> >I have used both the DSP-9 and the DSP-59+ on my TS-450 and found
> >them very helpful for CW even with 500Hz IF filters. The IF shift
> >would help, but the DSP was better.
> > Mike i have both the 59 and 59+ and use them with all my
> > rigs 950 850 and 870. i find that on 80 and 160 meters they are
> > great in cutting down background noise on both ssb and cw. hope
> > this is of some help
>
> 73 Tony
>
>
>
>
> QBE ZUT DE WA4JQS
>
> ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
> Since 1962
> CQ DX HALL OF FAME # 35
> DXCC HONOR ROLL - 346
> A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
> DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
> DXCC 80, 40, 20, 15, 10 METERS
> WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
> WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
> South Sandwich Island Dxpedition Group
> CALLS HELD:
> WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
> ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>
>
>
> [Non-text portions of this message have been removed]
>

9030. RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 00:26:59 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9030

I purchased a computer control cable off of eBay
Item number: 290395325359

and it is working fb except when I key at even 100w my rig TS-850SAT jumps out of control. As long as I disconnect the computer control cable it is fine. Happens in cw mode which is the main one I use here.

I have tried a couple of ferrites on the computer control cable at the rig input and it has not helped. Never a problem with this same computer or software in the last 4 years so don't believe it is the computer.

Anyone have this problem who solved it, I don't want to reinvent the wheel on this particular issue. If it was radio or antennas I might be interested, but not computer problems, any help would be appreciated.

Very frustrating to try and work dx while putting your rig back into cw from it jumping to ssb, rtty, ect.

73,
Bob AD5VJ

9031. Re: [TS-850_450_690] RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 00:35:07 UTC
From: Dave ve3wej
Topic: 9030 Message: 9031

have you tried repositioning the location of the cable. make sure it does
NOT run parallel to the coax. Have you inquired to the seller, is it
possible it could be a bad unit.

All I could offer, is to send it to someone else to try, to see if they also
have the problem...

are you keying through the interface, or hand mike.. interface could be
wired wrong??? maybe

----- Original Message -----
From: "Bob AD5VJ" <ad5vj@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 13, 2010 7:26 PM
Subject: [TS-850_450_690] RFI WITH COMPUTER CONTROL

>I purchased a computer control cable off of eBay
> Item number: 290395325359
>
> and it is working fb except when I key at even 100w my rig TS-850SAT jumps
> out of control. As long as I disconnect the computer control cable it is
> fine. Happens in cw mode which is the main one I use here.
>
> I have tried a couple of ferrites on the computer control cable at the rig
> input and it has not helped. Never a problem with this same computer or
> software in the last 4 years so don't believe it is the computer.
>
> Anyone have this problem who solved it, I don't want to reinvent the wheel
> on this particular issue. If it was radio or antennas I might be
> interested,
> but not computer problems, any help would be appreciated.
>
> Very frustrating to try and work dx while putting your rig back into cw
> from
> it jumping to ssb, rtty, ect.
>
> 73,
> Bob AD5VJ
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

>
>

9032. RE: [TS-850_450_690] RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 01:15:30 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9032

I just emailed the seller and am awaiting a response I did reposition the cabling, no clue why this is happening, first time ever.

I really like this rig I hope sincerely this is not a weakness of it. Looks like so far after searching the internet it doesn't seem to be.

Except with the Kenwood mc80 mic which I solved that issue of rf feedback with a single ferrite on the cable leading from the mic element to inside the base.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> Sent: Saturday, March 13, 2010 6:35 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] RFI WITH COMPUTER CONTROL
>
> have you tried repositioning the location of the cable. make sure it
> does
> NOT run parallel to the coax. Have you inquired to the seller, is it
> possible it could be a bad unit.
>
> All I could offer, is to send it to someone else to try, to see if they
> also
> have the problem...
>
> are you keying through the interface, or hand mike.. interface could
> be
> wired wrong??? maybe
>
>
>
>
> ----- Original Message -----
> From: "Bob AD5VJ" <ad5vj@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, March 13, 2010 7:26 PM
> Subject: [TS-850_450_690] RFI WITH COMPUTER CONTROL
>
>
> >I purchased a computer control cable off of eBay
> > > Item number: 290395325359
> > >
> > > and it is working fb except when I key at even 100w my rig TS-850SAT

> jumps
> > out of control. As long as I disconnect the computer control cable it
> is
> > fine. Happens in cw mode which is the main one I use here.
> >
> > I have tried a couple of ferrites on the computer control cable at
> the rig
> > input and it has not helped. Never a problem with this same computer
> or
> > software in the last 4 years so don't believe it is the computer.
> >
> > Anyone have this problem who solved it, I don't want to reinvent the
> wheel
> > on this particular issue. If it was radio or antennas I might be
> > interested,
> > but not computer problems, any help would be appreciated.
> >
> > Very frustrating to try and work dx while putting your rig back into
> cw
> > from
> > it jumping to ssb, rtty, ect.
> >
> > 73,
> > Bob AD5VJ
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9033. RE: [TS-850_450_690] RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 01:25:58 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9033

I missed part of your message before I am keying with the hand key in order to take as many variables out as possible. If I unplug the rs232 cable the problem goes away or if I turn power down to 47 watts the problem stops.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> Sent: Saturday, March 13, 2010 7:16 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] RFI WITH COMPUTER CONTROL
>
> I just emailed the seller and am awaiting a response I did reposition
> the
> cabling, no clue why this is happening, first time ever.
>
> I really like this rig I hope sincerely this is not a weakness of it.
> Looks
> like so far after searching the internet it doesn't seem to be.
>
> Except with the Kenwood mc80 mic which I solved that issue of rf
> feedback
> with a single ferrite on the cable leading from the mic element to
> inside
> the base.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
> > Sent: Saturday, March 13, 2010 6:35 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] RFI WITH COMPUTER CONTROL
> >
> > have you tried repositioning the location of the cable. make sure it
> > does
> > NOT run parallel to the coax. Have you inquired to the seller, is
> it
> > possible it could be a bad unit.
> >
> > All I could offer, is to send it to someone else to try, to see if
> they
> > also

> > have the problem...
> >
> > are you keying through the interface, or hand mike.. interface
> could
> > be
> > wired wrong??? maybe
> >
> >
> >
> >
> > ----- Original Message -----
> > From: "Bob AD5VJ" <ad5vj@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Saturday, March 13, 2010 7:26 PM
> > Subject: [TS-850_450_690] RFI WITH COMPUTER CONTROL
> >
> >
> > >I purchased a computer control cable off of eBay
> > > Item number: 290395325359
> > >
> > > and it is working fb except when I key at even 100w my rig TS-
> 850SAT
> > jumps
> > > out of control. As long as I disconnect the computer control cable
> it
> > is
> > > fine. Happens in cw mode which is the main one I use here.
> > >
> > > I have tried a couple of ferrites on the computer control cable at
> > the rig
> > > input and it has not helped. Never a problem with this same
> computer
> > or
> > > software in the last 4 years so don't believe it is the computer.
> > >
> > > Anyone have this problem who solved it, I don't want to reinvent
> the
> > wheel
> > > on this particular issue. If it was radio or antennas I might be
> > > interested,
> > > but not computer problems, any help would be appreciated.
> > >
> > > Very frustrating to try and work dx while putting your rig back
> into
> > cw
> > > from
> > > it jumping to ssb, rtty, ect.
> > >
> > > 73,
> > > Bob AD5VJ

> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > >
> > >
> > >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9034. Re: [TS-850_450_690] RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 01:22:58 UTC
From: ka0nem
Topic: 9030 Message: 9034

I think if you are fighting RF on the mic then your problem is probably not the cable but grounding or antenna/feedline issues. You should not have rf in the shack with proper grounding, and rf on the feedline is remedied from the antenna or feedline, jut ferrite beads on the mic cable.

Just my $.02

KA0NEM

On Sat, Mar 13, 2010 at 5:15 PM, Bob AD5VJ <ad5vj@...> wrote:

>
>
> I just emailed the seller and am awaiting a response I did reposition the
> cabling, no clue why this is happening, first time ever.
>
> I really like this rig I hope sincerely this is not a weakness of it. Looks
> like so far after searching the internet it doesn't seem to be.
>
> Except with the Kenwood mc80 mic which I solved that issue of rf feedback
> with a single ferrite on the cable leading from the mic element to inside
> the base.
>
> Bob AD5VJ
>
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-
> > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On Behalf
> Of Dave ve3wej
> > Sent: Saturday, March 13, 2010 6:35 PM
> > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > Subject: Re: [TS-850_450_690] RFI WITH COMPUTER CONTROL
> >
> > have you tried repositioning the location of the cable. make sure it
> > does
> > NOT run parallel to the coax. Have you inquired to the seller, is it
> > possible it could be a bad unit.
> >
> > All I could offer, is to send it to someone else to try, to see if they
> > also
> > have the problem...
> >
> > are you keying through the interface, or hand mike.. interface could
> > be

> > wired wrong??? maybe
> >
> >
> >
> >
> > ----- Original Message -----
> > From: "Bob AD5VJ" <ad5vj@... <ad5vj%40ad5vj.com>>
> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > Sent: Saturday, March 13, 2010 7:26 PM
> > Subject: [TS-850_450_690] RFI WITH COMPUTER CONTROL
> >
> >
> > >I purchased a computer control cable off of eBay
> > > Item number: 290395325359
> > >
> > > and it is working fb except when I key at even 100w my rig TS-850SAT
> > jumps
> > > out of control. As long as I disconnect the computer control cable it
> > is
> > > fine. Happens in cw mode which is the main one I use here.
> > >
> > > I have tried a couple of ferrites on the computer control cable at
> > the rig
> > > input and it has not helped. Never a problem with this same computer
> > or
> > > software in the last 4 years so don't believe it is the computer.
> > >
> > > Anyone have this problem who solved it, I don't want to reinvent the
> > wheel
> > > on this particular issue. If it was radio or antennas I might be
> > > interested,
> > > but not computer problems, any help would be appreciated.
> > >
> > > Very frustrating to try and work dx while putting your rig back into
> > cw
> > > from
> > > it jumping to ssb, rtty, ect.
> > >
> > > 73,
> > > Bob AD5VJ
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> > >
> > >

> > >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

9035. TS 450 strange Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 04:43:22 UTC
From: Tim
Topic: 9035 Message: 9035

I have a strange problem on my ts450,I can hear usb transmissions in lsb and vise versa.Also will transmit this way if i transmit in lsb people understand me on usb?whats going on here..Radio works fine other than this and yes i have the filter in the 2.4 position..Thanks

9036. Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 09:37:50 UTC
From: ny1t
Topic: 9030 Message: 9036

The TS-850 is not RS-232. You need a level converter.

http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php

9037. RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-14 22:17:32 UTC
From: Tom Jones N8NMA
Topic: 9030 Message: 9037

I would have to agree with a few of the replys here. First, it sounds like you have a lot of RF in the shack and need to check the grounding. I even grounded the computer. Also, you will need a level converter. Easy to build from online sources.

Just my thoughts...

Tom N8NMA

9038. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 00:33:11 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9038

I have an interface and it has a level converter built into the db9 connector which is all smt type components, I am beginning to wonder if they might be subject to rf levels.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ny1t
> Sent: Sunday, March 14, 2010 4:38 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> The TS-850 is not RS-232. You need a level converter.
>
> http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9039. RE: [TS-850_450_690] RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 00:37:44 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9039

I have never had trouble with any of the rigs before this one, but may very well consider more grounding, I have tried ferrites and they helped the mic rf feedback (mc-80), but the rig now seems to be a problem.

The amp is grounded, I will try the rig next, I may be because all the other rigs had power from the mains and this one is through a power supply so may need a separate ground for the rig, good idea thanks.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Tom Jones N8NMA
> Sent: Sunday, March 14, 2010 5:18 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] RFI WITH COMPUTER CONTROL
>
> I would have to agree with a few of the replys here. First, it sounds
> like you have a lot of RF in the shack and need to check the grounding.
> I even grounded the computer. Also, you will need a level converter.
> Easy to build from online sources.
>
> Just my thoughts...
>
> Tom N8NMA
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9040. Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 00:47:35 UTC
From: Zack Widup
Topic: 9030 Message: 9040

I built an interface using MAX232's in DIP cases. I have not had any trouble with computer interface RFI in the ham bands.

I've noticed conputer RFI all over the place when listening in the LOWFER bands (137, 185, 500 kHz) this winter without the computer connected to the rig and it's a little worse with the sound card connected to the rig. So it's difficult to decode WOLF, etc. with the computer on.

But it might be this particular computer (Dell Optiplex GX270). I haven't tried it with a different computer yet.

73, Zack W9SZ

On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...> wrote:

>
>
> I have an interface and it has a level converter built into the db9
> connector which is all smt type components, I am beginning to wonder if
> they
> might be subject to rf levels.
>
> Bob AD5VJ
>
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-
> > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On Behalf
> Of ny1t
> > Sent: Sunday, March 14, 2010 4:38 AM
> > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > The TS-850 is not RS-232. You need a level converter.
> >
> > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...hoo<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> >
> >

> >
>
>
>

[Non-text portions of this message have been removed]

9041. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 01:00:21 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9041

Hi Zack

I am starting to suspect the smt component level converter.

I may very well just buy a different type or build one for myself from the MAX232 chips as you did.

Please email me off list with any links or information on the one you did, since I know the design works.

I could search it on Google, but may not find the same design that I know you have used and that works - I don't want to reinvent the wheel on this one if at all possible

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> Sent: Sunday, March 14, 2010 7:48 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> I built an interface using MAX232's in DIP cases. I have not had any
> trouble
> with computer interface RFI in the ham bands.
>
> I've noticed conputer RFI all over the place when listening in the
> LOWFER
> bands (137, 185, 500 kHz) this winter without the computer connected to
> the
> rig and it's a little worse with the sound card connected to the rig.
> So
> it's difficult to decode WOLF, etc. with the computer on.
>
> But it might be this particular computer (Dell Optiplex GX270). I
> haven't
> tried it with a different computer yet.
>
> 73, Zack W9SZ
>
> On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...> wrote:
>
> >
> >
> > I have an interface and it has a level converter built into the db9

> > connector which is all smt type components, I am beginning to wonder
> if
> > they
> > might be subject to rf levels.
> >
> > Bob AD5VJ
> >
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com <TS-
> 850_450_690%40yahoogroups.com>[mailto:
> > TS-
> > > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On
> Behalf
> > Of ny1t
> > > Sent: Sunday, March 14, 2010 4:38 AM
> > > To: TS-850_450_690@yahoogroups.com <TS-
> 850_450_690%40yahoogroups.com>
> > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > The TS-850 is not RS-232. You need a level converter.
> > >
> > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-
> 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> > >
> > >
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9042. Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 04:10:28 UTC
From: Chuck Goelz
Topic: 9030 Message: 9042

Bob,

If you are interested in building your own serial interface, I would like to encourage you... I did -- twice. With great success and little effort. I started with the article written by K6XX on the topic. He describes interfaces from the simplest to the most robust, and explains how the chips in the computer and the radio handle the signals presented to them -- and why a perfect adherence to the RS-232 spec is unnecessary. It's a great article that I got from the files section of the TS-440 yahoo group (I should upload it to this group's files section, too!).

His simplest interface uses a zener diode and a resistor to condition the RS-232 level signal for the radio's TTL level interface... Then he describes more sophisticated methods using opto-isolators...

I decided to start with the simplest form, and add sophistication only as required... Additions were never needed. I'm using the simplest form (diode and resistor) and it is flawless with my TS-440. Then when I got my TS-450SAT, I found that it was still flawless. And after replacing my shack computer, it was still flawless. I just built a second one, so that I can control both the 440 and the 450... Flawless. With my DXLab software, I can even make the 440 automatically follow the 450 when I twist the 450's VFO knob, or press a mode button....

I used a stereo patch cable as a source of dual-shielded cable to carry TD and RD only. I don't even connect RTS and CTS... These Kenwoods don't care about that... I got the 6-pin DIN connectors from either Mouser or Jameco (can't remember at the moment which). They're pretty cheap (as am I!).

As for your RF problem, I'd like to suggest that you look into your station grounding and bonding. By "bonding", I'm referring to the connection of all "grounds" to each other. Your station should have all equipment connected to a common ground connection, and that connection should be connected to the same ground as the electric service equipment. If you have a ground rod (or rods) for your antennas and shack, then it NEEDS to be bonded back to the electric service ground as well... (I've heard some use the term "Equi-Potential-Plane"). The National Electric Code (from which all local building codes are derived) absolutely requires this! The NEC requirement for the size of the bonding conductor is a function of the size (or "ampacity") of the electric service. E.g., for 200 Amp service, a #4 AWG conductor is required... BTW, the ARRL handbook was corrected on this issue some years ago. Old handbooks ('60s, '70s, and at least into the '80s) used to show independent grounds... Believe me when I tell you that multiple grounds that are not bonded are a serious issue in terms of personal safety as well as equipment damage.

One other note -- I don't rely on the power cord for grounding my computer. I use a ground connection at one of the screws securing the power supply to the tower chassis connected to the station ground bus to ensure that the computer ground is the same as the radio ground...

Please feel free to ask for help either on or off list if you wish.

Cheers, and GL,
Chuck WA3CEJ

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 14, 2010 9:00 PM
Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Hi Zack

I am starting to suspect the smt component level converter.

I may very well just buy a different type or build one for myself from the MAX232 chips as you did.

Please email me off list with any links or information on the one you did, since I know the design works.

I could search it on Google, but may not find the same design that I know you have used and that works - I don't want to reinvent the wheel on this one if at all possible

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> Sent: Sunday, March 14, 2010 7:48 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> I built an interface using MAX232's in DIP cases. I have not had any
> trouble
> with computer interface RFI in the ham bands.
>
> I've noticed conputer RFI all over the place when listening in the
> LOWFER
> bands (137, 185, 500 kHz) this winter without the computer connected to
> the
> rig and it's a little worse with the sound card connected to the rig.
> So
> it's difficult to decode WOLF, etc. with the computer on.
>
> But it might be this particular computer (Dell Optiplex GX270). I
> haven't
> tried it with a different computer yet.
>
> 73, Zack W9SZ
>
> On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...> wrote:
>
> >

> >
> > I have an interface and it has a level converter built into the db9
> > connector which is all smt type components, I am beginning to wonder
> if
> > they
> > might be subject to rf levels.
> >
> > Bob AD5VJ
> >
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com <TS-
> 850_450_690%40yahoogroups.com>[mailto:
> > TS-
> > > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On
> Behalf
> > Of ny1t
> > > Sent: Sunday, March 14, 2010 4:38 AM
> > > To: TS-850_450_690@yahoogroups.com <TS-
> 850_450_690%40yahoogroups.com>
> > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > The TS-850 is not RS-232. You need a level converter.
> > >
> > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-
> 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> > >
> > >
> > >
> >
> >
> >
> >
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

>

[Non-text portions of this message have been removed]

9043. New Upload to Files Section

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 06:31:20 UTC
From: WA3CEJ
Topic: 9043 Message: 9043

I have just uploaded a file to the FILES section, pctsinfc.pdf. It was written by K6XX and it is a great tool for those who want to build their own level converter and interface cable for computer control (or who just want to understand what this interface does).

It provides a great explanation of why the chips don't really need RS-232 compliant levels to receive data from the radio, and how the RS-232 signals from the computer can be easily conditioned to the TTL levels for the radio with just a resistor and a diode. But he also provides detailed descriptions of more robust interface designs using opto-isolators.

I can attest to the validity of his presentation. I first built the simplest interface with just a resistor and a diode, and it worked so well as an experiment that I finalized the interface using a stereo patch cable to provide a pair of nice flexible shielded lines between the TS-440SAT and the computer (with a 6-PIN DIN and a DB-9 on either end, diode & resistor in the DB-9 shell). I used only RD & TD signals (pins 2 & 3) and ground. I did not not even connect RTS or CTS. It has worked flawlessly for almost a year now.

Then I bought a TS-450... This interface (as well as the 13-pin DIN for AFSK audio) was 100% plug compatible with the 450. Still, flawless operation. Since then I built a second interface cable customized to connect to the second serial port on my motherboard (10-pin header). Now both the TS-440SAT and the TS-450SAT are controlled flawlessly. And, using DXLab Commander software, I can make the 440 do whatever the 450 does -- change freq on the 450, the 440 changes to the same freq. Same with modes... Or they can be independent...

I do suggest grounding your computer chassis to your station ground. I never operated without that ground, so I don't know what would happen without it, but with serial control interfaces, and soundcard interfaces, it just makes sense to ensure a common ground.

This file was copied without anyone's permission from the TS-440 yahoo group's FILES section. It can also be found by Googling "K6XX interface"

If just one person finds this useful it will have been worth it...

Chuck WA3CEJ

9044. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 20:39:39 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9044

Hi Chuck

Thanks for writing. Some really good ideas here. Please let me know when you get the file uploaded, I would very much be interested in reading it.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> Sent: Sunday, March 14, 2010 11:10 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Bob,
>
> If you are interested in building your own serial interface, I would like to encourage you... I did -- twice. With great success and little effort. I started with the article written by K6XX on the topic. He describes interfaces from the simplest to the most robust, and explains how the chips in the computer and the radio handle the signals presented to them -- and why a perfect adherence to the RS-232 spec is unnecessary. It's a great article that I got from the files section of the TS-440 yahoo group (I should upload it to this group's files section, too!).
>
> His simplest interface uses a zener diode and a resistor to condition the RS-232 level signal for the radio's TTL level interface... Then he describes more sophisticated methods using opto-isolators...
>
> I decided to start with the simplest form, and add sophistication only as required... Additions were never needed. I'm using the simplest form (diode and resistor) and it is flawless with my TS-440. Then when I got my TS-450SAT, I found that it was still flawless. And after replacing my shack computer, it was still flawless. I just built a second one, so that I can control both the 440 and the 450...
> Flawless. With my DXLab software, I can even make the 440 automatically follow the 450 when I twist the 450's VFO knob, or press a mode button....
>
> I used a stereo patch cable as a source of dual-shielded cable to carry TD and RD only. I don't even connect RTS and CTS... These Kenwoods don't care about that... I got the 6-pin DIN connectors from either Mouser or Jameco (can't remember at the moment which). They're pretty cheap (as am I!).
>

> As for your RF problem, I'd like to suggest that you look into your
> station grounding and bonding. By "bonding", I'm referring to the
> connection of all "grounds" to each other. Your station should have
> all equipment connected to a common ground connection, and that
> connection should be connected to the same ground as the electric
> service equipment. If you have a ground rod (or rods) for your
> antennas and shack, then it NEEDS to be bonded back to the electric
> service ground as well... (I've heard some use the term "Equi-
> Potential-Plane"). The National Electric Code (from which all local
> building codes are derived) absolutely requires this! The NEC
> requirement for the size of the bonding conductor is a function of the
> size (or "ampacity") of the electric service. E.g., for 200 Amp
> service, a #4 AWG conductor is required... BTW, the ARRL handbook was
> corrected on this issue some years ago. Old handbooks ('60s, '70s, and
> at least into the '80s) used to show independent grounds... Believe me
> when I tell you that multiple grounds that are not bonded are a serious
> issue in terms of personal safety as well as equipment damage.
>
> One other note -- I don't rely on the power cord for grounding my
> computer. I use a ground connection at one of the screws securing the
> power supply to the tower chassis connected to the station ground bus
> to ensure that the computer ground is the same as the radio ground...
>
>
> Please feel free to ask for help either on or off list if you wish.
>
> Cheers, and GL,
> Chuck WA3CEJ
>
>
>
> ----- Original Message -----
> From: Bob AD5VJ
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, March 14, 2010 9:00 PM
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
>
>
> Hi Zack
>
> I am starting to suspect the smt component level converter.
>
> I may very well just buy a different type or build one for myself
> from the
> MAX232 chips as you did.
>
> Please email me off list with any links or information on the one you
> did,
> since I know the design works.

>
> I could search it on Google, but may not find the same design that I
> know
> you have used and that works - I don't want to reinvent the wheel on
> this
> one if at all possible
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > Sent: Sunday, March 14, 2010 7:48 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > I built an interface using MAX232's in DIP cases. I have not had
> any
> > trouble
> > with computer interface RFI in the ham bands.
> >
> > I've noticed conputer RFI all over the place when listening in the
> > LOWFER
> > bands (137, 185, 500 kHz) this winter without the computer
> connected to
> > the
> > rig and it's a little worse with the sound card connected to the
> rig.
> > So
> > it's difficult to decode WOLF, etc. with the computer on.
> >
> > But it might be this particular computer (Dell Optiplex GX270). I
> > haven't
> > tried it with a different computer yet.
> >
> > 73, Zack W9SZ
> >
> > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...> wrote:
> >
> > >
> > >
> > > I have an interface and it has a level converter built into the
> db9
> > > connector which is all smt type components, I am beginning to
> wonder
> > > if
> > > they
> > > might be subject to rf levels.
> > >
> > > Bob AD5VJ

> > >
> > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com <TS-
> > 850_450_690%40yahoogroups.com>[mailto:
> > > TS-
> > > > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On
> > Behalf
> > > Of ny1t
> > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > To: TS-850_450_690@yahoogroups.com <TS-
> > 850_450_690%40yahoogroups.com>
> > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > > The TS-850 is not RS-232. You need a level converter.
> > > >
> > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@...<TS-
> > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > Groups Links
> > > >
> > > >
> > > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9045. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 20:52:34 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9045

Got the file thanks readying it now. I am looking for one for station grounding now

Wonder if there is one that might be a check all end all type paper

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> Sent: Monday, March 15, 2010 3:40 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Hi Chuck
>
> Thanks for writing. Some really good ideas here. Please let me know when you
> get the file uploaded, I would very much be interested in reading it.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> > Sent: Sunday, March 14, 2010 11:10 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > Bob,
> >
> > If you are interested in building your own serial interface, I would
> > like to encourage you... I did -- twice. With great success and
> > little effort. I started with the article written by K6XX on the
> > topic. He describes interfaces from the simplest to the most robust,
> > and explains how the chips in the computer and the radio handle the
> > signals presented to them -- and why a perfect adherence to the RS-232
> > spec is unnecessary. It's a great article that I got from the files
> > section of the TS-440 yahoo group (I should upload it to this group's
> > files section, too!).
> >
> > His simplest interface uses a zener diode and a resistor to condition
> > the RS-232 level signal for the radio's TTL level interface... Then he
> > describes more sophisticated methods using opto-isolators...

> >
> > I decided to start with the simplest form, and add sophistication
> only
> > as required... Additions were never needed. I'm using the simplest
> > form (diode and resistor) and it is flawless with my TS-440. Then
> when
> > I got my TS-450SAT, I found that it was still flawless. And after
> > replacing my shack computer, it was still flawless. I just built a
> > second one, so that I can control both the 440 and the 450...
> > Flawless. With my DXLab software, I can even make the 440
> > automatically follow the 450 when I twist the 450's VFO knob, or
> press
> > a mode button....
> >
> > I used a stereo patch cable as a source of dual-shielded cable to
> carry
> > TD and RD only. I don't even connect RTS and CTS... These Kenwoods
> > don't care about that... I got the 6-pin DIN connectors from either
> > Mouser or Jameco (can't remember at the moment which). They're
> pretty
> > cheap (as am I!).
> >
> > As for your RF problem, I'd like to suggest that you look into your
> > station grounding and bonding. By "bonding", I'm referring to the
> > connection of all "grounds" to each other. Your station should have
> > all equipment connected to a common ground connection, and that
> > connection should be connected to the same ground as the electric
> > service equipment. If you have a ground rod (or rods) for your
> > antennas and shack, then it NEEDS to be bonded back to the electric
> > service ground as well... (I've heard some use the term "Equi-
> > Potential-Plane"). The National Electric Code (from which all local
> > building codes are derived) absolutely requires this! The NEC
> > requirement for the size of the bonding conductor is a function of
> the
> > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> was
> > corrected on this issue some years ago. Old handbooks ('60s, '70s,
> and
> > at least into the '80s) used to show independent grounds... Believe
> me
> > when I tell you that multiple grounds that are not bonded are a
> serious
> > issue in terms of personal safety as well as equipment damage.
> >
> > One other note -- I don't rely on the power cord for grounding my
> > computer. I use a ground connection at one of the screws securing
> the
> > power supply to the tower chassis connected to the station ground bus
> > to ensure that the computer ground is the same as the radio ground...

> >
> >
> > Please feel free to ask for help either on or off list if you wish.
> >
> > Cheers, and GL,
> > Chuck WA3CEJ
> >
> >
> >
> > ----- Original Message -----
> > From: Bob AD5VJ
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, March 14, 2010 9:00 PM
> > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> >
> >
> > Hi Zack
> >
> > I am starting to suspect the smt component level converter.
> >
> > I may very well just buy a different type or build one for myself
> > from the
> > MAX232 chips as you did.
> >
> > Please email me off list with any links or information on the one
> you
> > did,
> > since I know the design works.
> >
> > I could search it on Google, but may not find the same design that
> I
> > know
> > you have used and that works - I don't want to reinvent the wheel
> on
> > this
> > one if at all possible
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > > Sent: Sunday, March 14, 2010 7:48 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > I built an interface using MAX232's in DIP cases. I have not had
> > any
> > > trouble

> > > with computer interface RFI in the ham bands.
> > >
> > > I've noticed conputer RFI all over the place when listening in
> the
> > > LOWFER
> > > bands (137, 185, 500 kHz) this winter without the computer
> > connected to
> > > the
> > > rig and it's a little worse with the sound card connected to the
> > rig.
> > > So
> > > it's difficult to decode WOLF, etc. with the computer on.
> > >
> > > But it might be this particular computer (Dell Optiplex GX270). I
> > > haven't
> > > tried it with a different computer yet.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...>
> wrote:
> > >
> > > >
> > > >
> > > > I have an interface and it has a level converter built into the
> > db9
> > > > connector which is all smt type components, I am beginning to
> > wonder
> > > if
> > > > they
> > > > might be subject to rf levels.
> > > >
> > > > Bob AD5VJ
> > > >
> > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@yahoogroups.com <TS-
> > > 850_450_690%40yahoogroups.com>[mailto:
> > > > TS-
> > > > > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>]
> On
> > > Behalf
> > > > > Of ny1t
> > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > To: TS-850_450_690@yahoogroups.com <TS-
> > > 850_450_690%40yahoogroups.com>
> > > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > > The TS-850 is not RS-232. You need a level converter.
> > > > >

> > > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@...<TS-
> > > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > > Groups Links
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups
> Links
> > >
> > >
> > >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9046. Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 21:37:53 UTC
From: Chuck Goelz
Topic: 9030 Message: 9046

Hi Bob,

Glad you got the file...

As for a grounding presentation, I did find this one recently--

http://www.rars.org/documents/Station%20Grounding.ppt

It covers the topics, and has some photos, but seems to lack the "Speaker's Notes". At the end references are provided that you may wish to explore...

The bottom line is bring everything to the same potential through proper bonding of elements of the ground system. I would describe that with 3 statements: 1) Provide a common point in the shack to connect all equipment to (I use a ground-bus-bar as is found in a circuit breaker panel), 2) Bond that shack ground point to the electrical service ground point (the ground rod connected to your breaker panel), and 3) Bond the antenna/tower ground to the electrical service ground.

The size of the ground wire bonding your shack to the service entrance is up to you, but I wouldn't want it to be smaller than #8 (#6 or #4 would be better). But, the antenna ground, assuming that you have one or more ground electrodes (rods or buried base of support) becomes an issue with the National Electric Code and your local building codes because it is an extension of the house's ground system, so the bond wire needs to be sized in accordance with the capacity of your service (e.g. I believe that 200 Amp service requires a #4 conductor).

Hope that helps,
Chuck WA3CEJ

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 15, 2010 4:52 PM
Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Got the file thanks readying it now. I am looking for one for station
grounding now

Wonder if there is one that might be a check all end all type paper

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> Sent: Monday, March 15, 2010 3:40 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

>
> Hi Chuck
>
> Thanks for writing. Some really good ideas here. Please let me know
> when you
> get the file uploaded, I would very much be interested in reading it.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> > Sent: Sunday, March 14, 2010 11:10 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > Bob,
> >
> > If you are interested in building your own serial interface, I would
> > like to encourage you... I did -- twice. With great success and
> > little effort. I started with the article written by K6XX on the
> > topic. He describes interfaces from the simplest to the most robust,
> > and explains how the chips in the computer and the radio handle the
> > signals presented to them -- and why a perfect adherence to the RS-
> 232
> > spec is unnecessary. It's a great article that I got from the files
> > section of the TS-440 yahoo group (I should upload it to this group's
> > files section, too!).
> >
> > His simplest interface uses a zener diode and a resistor to condition
> > the RS-232 level signal for the radio's TTL level interface... Then
> he
> > describes more sophisticated methods using opto-isolators...
> >
> > I decided to start with the simplest form, and add sophistication
> only
> > as required... Additions were never needed. I'm using the simplest
> > form (diode and resistor) and it is flawless with my TS-440. Then
> when
> > I got my TS-450SAT, I found that it was still flawless. And after
> > replacing my shack computer, it was still flawless. I just built a
> > second one, so that I can control both the 440 and the 450...
> > Flawless. With my DXLab software, I can even make the 440
> > automatically follow the 450 when I twist the 450's VFO knob, or
> press
> > a mode button....
> >
> > I used a stereo patch cable as a source of dual-shielded cable to
> carry
> > TD and RD only. I don't even connect RTS and CTS... These Kenwoods

> > don't care about that... I got the 6-pin DIN connectors from either
> > Mouser or Jameco (can't remember at the moment which). They're
> pretty
> > cheap (as am I!).
> >
> > As for your RF problem, I'd like to suggest that you look into your
> > station grounding and bonding. By "bonding", I'm referring to the
> > connection of all "grounds" to each other. Your station should have
> > all equipment connected to a common ground connection, and that
> > connection should be connected to the same ground as the electric
> > service equipment. If you have a ground rod (or rods) for your
> > antennas and shack, then it NEEDS to be bonded back to the electric
> > service ground as well... (I've heard some use the term "Equi-
> > Potential-Plane"). The National Electric Code (from which all local
> > building codes are derived) absolutely requires this! The NEC
> > requirement for the size of the bonding conductor is a function of
> the
> > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> was
> > corrected on this issue some years ago. Old handbooks ('60s, '70s,
> and
> > at least into the '80s) used to show independent grounds... Believe
> me
> > when I tell you that multiple grounds that are not bonded are a
> serious
> > issue in terms of personal safety as well as equipment damage.
> >
> > One other note -- I don't rely on the power cord for grounding my
> > computer. I use a ground connection at one of the screws securing
> the
> > power supply to the tower chassis connected to the station ground bus
> > to ensure that the computer ground is the same as the radio ground...
> >
> >
> > Please feel free to ask for help either on or off list if you wish.
> >
> > Cheers, and GL,
> > Chuck WA3CEJ
> >
> >
> >
> > ----- Original Message -----
> > From: Bob AD5VJ
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, March 14, 2010 9:00 PM
> > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> >
> >

> > Hi Zack
> >
> > I am starting to suspect the smt component level converter.
> >
> > I may very well just buy a different type or build one for myself
> > from the
> > MAX232 chips as you did.
> >
> > Please email me off list with any links or information on the one
> you
> > did,
> > since I know the design works.
> >
> > I could search it on Google, but may not find the same design that
> I
> > know
> > you have used and that works - I don't want to reinvent the wheel
> on
> > this
> > one if at all possible
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > > Sent: Sunday, March 14, 2010 7:48 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > I built an interface using MAX232's in DIP cases. I have not had
> > any
> > > trouble
> > > with computer interface RFI in the ham bands.
> > >
> > > I've noticed conputer RFI all over the place when listening in
> the
> > > LOWFER
> > > bands (137, 185, 500 kHz) this winter without the computer
> > connected to
> > > the
> > > rig and it's a little worse with the sound card connected to the
> > rig.
> > > So
> > > it's difficult to decode WOLF, etc. with the computer on.
> > >
> > > But it might be this particular computer (Dell Optiplex GX270). I
> > > haven't
> > > tried it with a different computer yet.
> > >

> > > 73, Zack W9SZ
> > >
> > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...>
> wrote:
> > >
> > > > >
> > > > > I have an interface and it has a level converter built into the
> > db9
> > > > > connector which is all smt type components, I am beginning to
> > wonder
> > > > if
> > > > > they
> > > > > might be subject to rf levels.
> > > > >
> > > > > Bob AD5VJ
> > > > >
> > > > >
> > > > > > -----Original Message-----
> > > > > > From: TS-850_450_690@yahoogroups.com <TS-
> > > 850_450_690%40yahoogroups.com>[mailto:
> > > > > TS-
> > > > > > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>]
> On
> > > Behalf
> > > > > Of ny1t
> > > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > > To: TS-850_450_690@yahoogroups.com <TS-
> > > 850_450_690%40yahoogroups.com>
> > > > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > > >
> > > > > > The TS-850 is not RS-232. You need a level converter.
> > > > > >
> > > > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@...<TS-
> > > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > > > Groups Links
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > >
> > >
> > >
> >
> >
> >
>

> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups
> Links
> > >
> > >
> > >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9047. Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-15 20:53:32 UTC
From: Chuck Goelz
Topic: 9030 Message: 9047

Bob,

The file is there in the FILES section of this group now (well, at least I can see it). Look a bit more than half way down the page for the file "pctsinfc.pdf" (the description starts with "K6XX "...).

If you have any problems getting it, I can email it directly to you...

Cheers,
Chuck WA3CEJ

----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 15, 2010 4:39 PM
Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Hi Chuck

Thanks for writing. Some really good ideas here. Please let me know when you get the file uploaded, I would very much be interested in reading it.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> Sent: Sunday, March 14, 2010 11:10 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Bob,
>
> If you are interested in building your own serial interface, I would like to encourage you... I did -- twice. With great success and little effort. I started with the article written by K6XX on the topic. He describes interfaces from the simplest to the most robust, and explains how the chips in the computer and the radio handle the signals presented to them -- and why a perfect adherence to the RS-232 spec is unnecessary. It's a great article that I got from the files section of the TS-440 yahoo group (I should upload it to this group's files section, too!).
>
> His simplest interface uses a zener diode and a resistor to condition the RS-232 level signal for the radio's TTL level interface... Then he describes more sophisticated methods using opto-isolators...
>

> I decided to start with the simplest form, and add sophistication only
> as required... Additions were never needed. I'm using the simplest
> form (diode and resistor) and it is flawless with my TS-440. Then when
> I got my TS-450SAT, I found that it was still flawless. And after
> replacing my shack computer, it was still flawless. I just built a
> second one, so that I can control both the 440 and the 450...
> Flawless. With my DXLab software, I can even make the 440
> automatically follow the 450 when I twist the 450's VFO knob, or press
> a mode button....
>
> I used a stereo patch cable as a source of dual-shielded cable to carry
> TD and RD only. I don't even connect RTS and CTS... These Kenwoods
> don't care about that... I got the 6-pin DIN connectors from either
> Mouser or Jameco (can't remember at the moment which). They're pretty
> cheap (as am I!).
>
> As for your RF problem, I'd like to suggest that you look into your
> station grounding and bonding. By "bonding", I'm referring to the
> connection of all "grounds" to each other. Your station should have
> all equipment connected to a common ground connection, and that
> connection should be connected to the same ground as the electric
> service equipment. If you have a ground rod (or rods) for your
> antennas and shack, then it NEEDS to be bonded back to the electric
> service ground as well... (I've heard some use the term "Equi-
> Potential-Plane"). The National Electric Code (from which all local
> building codes are derived) absolutely requires this! The NEC
> requirement for the size of the bonding conductor is a function of the
> size (or "ampacity") of the electric service. E.g., for 200 Amp
> service, a #4 AWG conductor is required... BTW, the ARRL handbook was
> corrected on this issue some years ago. Old handbooks ('60s, '70s, and
> at least into the '80s) used to show independent grounds... Believe me
> when I tell you that multiple grounds that are not bonded are a serious
> issue in terms of personal safety as well as equipment damage.
>
> One other note -- I don't rely on the power cord for grounding my
> computer. I use a ground connection at one of the screws securing the
> power supply to the tower chassis connected to the station ground bus
> to ensure that the computer ground is the same as the radio ground...
>
>
> Please feel free to ask for help either on or off list if you wish.
>
> Cheers, and GL,
> Chuck WA3CEJ
>
>
>
> ----- Original Message -----
> From: Bob AD5VJ
> To: TS-850_450_690@yahoogroups.com

> Sent: Sunday, March 14, 2010 9:00 PM
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
>
>
> Hi Zack
>
> I am starting to suspect the smt component level converter.
>
> I may very well just buy a different type or build one for myself
> from the
> MAX232 chips as you did.
>
> Please email me off list with any links or information on the one you
> did,
> since I know the design works.
>
> I could search it on Google, but may not find the same design that I
> know
> you have used and that works - I don't want to reinvent the wheel on
> this
> one if at all possible
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > Sent: Sunday, March 14, 2010 7:48 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > I built an interface using MAX232's in DIP cases. I have not had
> any
> > trouble
> > with computer interface RFI in the ham bands.
> >
> > I've noticed conputer RFI all over the place when listening in the
> > LOWFER
> > bands (137, 185, 500 kHz) this winter without the computer
> connected to
> > the
> > rig and it's a little worse with the sound card connected to the
> rig.
> > So
> > it's difficult to decode WOLF, etc. with the computer on.
> >
> > But it might be this particular computer (Dell Optiplex GX270). I
> > haven't
> > tried it with a different computer yet.

> >
> > 73, Zack W9SZ
> >
> > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...> wrote:
> >
> > > >
> > > >
> > > > I have an interface and it has a level converter built into the
> db9
> > > > connector which is all smt type components, I am beginning to
> wonder
> > > if
> > > > they
> > > > might be subject to rf levels.
> > > >
> > > > Bob AD5VJ
> > > >
> > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@yahoogroups.com <TS-
> > > 850_450_690%40yahoogroups.com>[mailto:
> > > > > TS-
> > > > > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On
> > > Behalf
> > > > > Of ny1t
> > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > To: TS-850_450_690@yahoogroups.com <TS-
> > > 850_450_690%40yahoogroups.com>
> > > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > > The TS-850 is not RS-232. You need a level converter.
> > > > >
> > > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@...<TS-
> > > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > > > Groups Links
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]

> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9048. Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-16 01:33:49 UTC
From: Tom Osborne
Topic: 9030 Message: 9048

Hi Bob

Check out Jim, K9YC site. All you want to know abount RFI and more.

http://audiosystemsgroup.com/RFI-Ham.pdf

He probably knows more about RFI issues than anyone I know. 73
Tom W7WHY

> Got the file thanks readying it now. I am looking for one for station
> grounding now
>
> Wonder if there is one that might be a check all end all type paper
>
> Bob AD5VJ

9049. TS-850SAT receiver muting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-16 05:18:35 UTC
From: w8nf
Topic: 9049 Message: 9049

I tend to use three (3) TS-850SAT radios for some of my goofy adventures. One as a transceiver, the other two either on separate antennas or tuned just to the upper and lower side of my TX freq.

For most of my uses, when I transmit on the one rig, I want all three receivers to mute.

Old-fashioned receivers had a mute line - open it up and the receiver goes deaf. I don't see a pinout for any of the rear panel connectors for this feature. Must I put the two "receivers" into transmit mode to mute the receivers?

TNX,

Dave W8NF

9050. TS-690 Issues-Suggestions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-16 05:30:23 UTC
From: kd8geh
Topic: 9050 Message: 9050

Hi All,

New to the group, greetings all!

I have a TS-690 with some issues. This rig was owned by maybe a cber. Power is turned up. Been in storage for 5-10 years. Here's the story:
First run up:

1)Display seems dim compared to my 430 and 950
2)S meter appears to read low compared to my other rigs by a few db. Seem sensitive though, can hear all stations.
3)All bands but 80 & 160 work well with good reports. On 80 & 160 I see swr moving and possibly finals folding back due to the swr issue I believe.

Second run, I read threads and reseated all the connectors, retightened the board ground screws etc.
1)Display still dim.
2)S meter still low.
3)Now 80 seems to be ok on xmit. 160 still has the swr issue.
Radio is very clean, pots look to be undisturbed. Readng, maybe I should look at the final traces or possibly a processor reset. Going slow at this point.

Any suggestions appreciated.

Thanks for the help and 73.
Dave KD8GEH

9051. Re: [TS-850_450_690] TS-690 Issues-Suggestions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-16 13:01:47 UTC
From: Dave ve3wej
Topic: 9050 Message: 9051

> 1)Display still dim.

check wiring voltage, if correct then maybe bulbs were replaced with
incorrect ma rating...

> 2)S meter still low.

this is relative anyway, every dx station gives a 59 report whether you
really are anyway..

> 3)Now 80 seems to be ok on xmit. 160 still has the swr issue.
> Radio is very clean, pots look to be undisturbed. Readng, maybe I should
> look at the final traces or possibly a processor reset. Going slow at this
> point.

if finals are ok on other bands, they are NOT at fault here. check on a
dummy load???? maybe antenna just isnt resonant, and the radio is trying to
tell you that

>
> Any suggestions appreciated.
>
> Thanks for the help and 73.
> Dave KD8GEH
>

Dave Garber
VE3IE

9052. Re: TS-690 Issues-Suggestions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-16 16:25:18 UTC
From: kd8geh
Topic: 9050 Message: 9052

Thanks so much Dave!

It's not the antenna, some other gremlin. I forgot to mention the audio is pinched..tinny. Was like that on 80 before the reseat of connectors.

I have a tuner and verified with 2 other rigs on my loop and dipole to be sure I was reasonent.

I will check the voltage to the bulbs.

Take care,

73, Dave KD8GEH

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> > 1)Display still dim.
>
> check wiring voltage, if correct then maybe bulbs were replaced with
> incorrect ma rating...
>
>
> > 2)S meter still low.
>
> this is relative anyway, every dx station gives a 59 report whether you
> really are anyway..
>
>
>
> > 3)Now 80 seems to be ok on xmit. 160 still has the swr issue.
> > Radio is very clean, pots look to be undisturbed. Readng, maybe I should
> > look at the final traces or possibly a processor reset. Going slow at this
> > point.
>
> if finals are ok on other bands, they are NOT at fault here. check on a
> dummy load???? maybe antenna just isnt resonant, and the radio is trying to
> tell you that
>
>
> > Any suggestions appreciated.
> >
> > Thanks for the help and 73.
> > Dave KD8GEH
> >
>

>
> Dave Garber
> VE3IE
>

9053. Re: [TS-850_450_690]Rig Choices...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-17 05:14:00 UTC
From: Chuck Goelz
Topic: 9050 Message: 9053

I have 3 rigs, and need to pare that down a bit -- maybe to 1, maybe to 2. I'm retired, so there is little money in budget to allocate to the shack...

I have a pair of Twins (T-599D, R-599D, S-599) is really awesome condition. The R-599D has the 6m and the 2m convertors installed. They work flawlessly. The only unfortunate thing about this rig is that the previous owner wanted to make it work with a digital display (DG-5?) and added 3 RCA phono jacks to the rear panel of the R-599D. I have removed that mod, but the damage to the rear panel is permanent. I bought these in 1986 (I was certainly influenced by the fact that I saw the Twins for the first time when TDY in Japan in 1970, in a store front in Tokyo -- Thought they were one on the nicest rigs I ever saw. The T-599D still has the S2001A finals (assumed to be original) and they show no signs of needing replacement! I.E., other than the RCA jacks on the Rx, this rig is CLEAN.

I also have a nice TS-440SAT. It has the YK-88C and YK-88SN (500 Hz CW and 1.8 KHz SSB) filters installed. It has been reliable, and everything works. There are a few cosmetic issues, but nothing that influences it's operation... I've been using it for a year or so on PSK31, SSB, and CW, so I know that all functions work as expected.

My latest acquisition was a TS-450SAT, to which I have added a YK-455c-1 500Hz CW filter (still searching for bargains on YK-88C-1 and YK-88SN-1). I really like this rig for CW -- the QSK is the best I've seen since the old seperate Tx/Rx rigs that I used to own back in the '60s, with a Handbook design home built "electronic T/R switch". Makes me wish I could afford to add a DSP-100 to it (they get a lot of $$$ for those)!! Also, the 450 is flawless both functionally and cosmetically, except for 2 "blemishes" (can't even see that there was "damage" to cause this) on the front panel.

I'd like to hear what others think about the potential to sell 2 of the 3 rigs, and buy one better than any that I have... What would you think I should sell, and what would you think I should buy (with no additional outlay of $$$). I'd also be open to selling all 3, but a bit reluctant.

My thoughts go like this: The Twins are awesome Hybrid technology (think I'll post this to the 520 group as well), and in fantastic shape. But their value has probably peaked... So, money-wise, might be a good time to sell. The 440 is a solid performer, and extremely easy to work on and get parts for, and find expertise for troubleshooting... But it doesn't perform as well as the 450 (I think!). The 450, as well as it performs, is more problematic if it fails -- seems to be less expertise available, and those DDS chips... OHHH those DDS chips... Scares me!!!

So, If I decide to sell X and Y, what do you think I should buy? A TS-850? A 950? An Icom 746 or 756? I like rigs with lots o' knobs... The more knobs the better!! So tell me what you think -- I'm listening!

Cheers,
Chuck WA3CEJ

[Non-text portions of this message have been removed]

9054. TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-17 13:16:26 UTC
From: rovntoma
Topic: 9054 Message: 9054

Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?

9056. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-17 15:18:15 UTC
From: avvidclif
Topic: 9054 Message: 9056

Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
>

9057. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-17 17:03:37 UTC
From: rovntoma
Topic: 9054 Message: 9057

Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> >
>

9058. Re: [TS-850_450_690]Rig Choices...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-18 02:13:48 UTC
From: kc5cqw
Topic: 9050 Message: 9058

Chuck,

Why sell any of them?

I have a Yaesu FTdx-401b tube rig for those days when I want to admire tube glow and smell the dust burning off the tops of them.
An Elecraft K2 (fully loaded QRP model) for going outside, in the park or whatever. I also just like to admire the fact that I built it myself one piece at a time.
My truck has a Yaesu FT-857D for 40m-70cm all mode fun going to and from work.
Finally, my TS-450S is the work horse at my QTH. I mostly use this one on the digital modes with a Tigertronics Signalink USB+ and my Powermac G5 computer.

My point is, you seem to have a rig for the major occasions.
A really nice tube (hybrid) set for those days you just need the glow.
Your TS-440 makes a fine backup rig and fills the need for a low maintenance work horse.
The TS-450 can be your rig for experimenting. I have added all kinds of modifications and enhancements to my 450 and every one makes it that much better.

I really don't believe that selling your radios will get you enough cash for a radio that will knock your socks off. For this, you will need an Elecraft K3 or a Flex-3000 (or 5000). Both of these start around the $1500 price point and go up from there. Everything else out there at a lower price is mediocre at best when it comes to RF performance. Besides, the TS-450 will hold its own against these newer mid-class rigs any day.

The Flex radios require a PC but, bells and whistles are plenty! New firmware updates always yield a new set of features to get used to and play with.
Elecraft makes very serious high performance radios but, they can suck your wallet dry.
Alas, you get what you pay for and it won't disappoint you.
Both companies are in the USA and "own" any japanese rig you can throw at them, period.

If you must get a new radio for the bells and whistles, service after the sell and reliability, go for the K3 and keep the 450 for backup. If you cant justify the cost or will miss the other radios (you will) keep what you have! Spend some good cash on improving your antenna system first then enhancing your radio next. You already have good radios that would make many proud to own.

Sure, I would love to own a new GMC king cab diesel 4X4 but my little Nissan "rice burner" does the same job of getting me to work reliably and cost allot less.

Ultimately, only you can decide what would be best for your needs.

Good luck and 73,
Damon

--- In TS-850_450_690@yahoogroups.com, "Chuck Goelz" <c.goelz@...> wrote:
>
> I have 3 rigs, and need to pare that down a bit -- maybe to 1, maybe to 2. I'm retired,

so there is little money in budget to allocate to the shack...
>
> I have a pair of Twins (T-599D, R-599D, S-599) is really awesome condition. The R-599D has the 6m and the 2m convertors installed. They work flawlessly. The only unfortunate thing about this rig is that the previous owner wanted to make it work with a digital display (DG-5?) and added 3 RCA phono jacks to the rear panel of the R-599D. I have removed that mod, but the damage to the rear panel is permanent. I bought these in 1986 (I was certainly influenced by the fact that I saw the Twins for the first time when TDY in Japan in 1970, in a store front in Tokyo -- Thought they were one on the nicest rigs I ever saw. The T-599D still has the S2001A finals (assumed to be original) and they show no signs of needing replacement! I.E., other than the RCA jacks on the Rx, this rig is CLEAN.
>
> I also have a nice TS-440SAT. It has the YK-88C and YK-88SN (500 Hz CW and 1.8 KHz SSB) filters installed. It has been reliable, and everything works. There are a few cosmetic issues, but nothing that influences it's operation... I've been using it for a year or so on PSK31, SSB, and CW, so I know that all functions work as expected.
>
> My latest acquisition was a TS-450SAT, to which I have added a YK-455c-1 500Hz CW filter (still searching for bargains on YK-88C-1 and YK-88SN-1). I really like this rig for CW -- the QSK is the best I've seen since the old seperate Tx/Rx rigs that I used to own back in the '60s, with a Handbook design home built "electronic T/R switch". Makes me wish I could afford to add a DSP-100 to it (they get a lot of $$$ for those)!! Also, the 450 is flawless both functionally and cosmetically, except for 2 "blemishes" (can't even see that there was "damage" to cause this) on the front panel.
>
> I'd like to hear what others think about the potential to sell 2 of the 3 rigs, and buy one better than any that I have... What would you think I should sell, and what would you think I should buy (with no additional outlay of $$$). I'd also be open to selling all 3, but a bit reluctant.
>
> My thoughts go like this: The Twins are awesome Hybrid technology (think I'll post this to the 520 group as well), and in fantastic shape. But their value has probably peaked... So, money-wise, might be a good time to sell. The 440 is a solid performer, and extremely easy to work on and get parts for, and find expertise for troubleshooting... But it doesn't perform as well as the 450 (I think!). The 450, as well as it performs, is more problematic if it fails -- seems to be less expertise available, and those DDS chips... OHHH those DDS chips... Scares me!!!
>
> So, If I decide to sell X and Y, what do you think I should buy? A TS-850? A 950? An Icom 746 or 756? I like rigs with lots o' knobs... The more knobs the better!! So tell me what you think -- I'm listening!
>
> Cheers,
> Chuck WA3CEJ
>
>
>
>
> [Non-text portions of this message have been removed]
>

9059. Re: [TS-850_450_690]Rig Choices...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-18 03:20:44 UTC
From: Chuck Goelz
Topic: 9050 Message: 9059

Damon,

Thanks for your inputs! I do appreciate your thoughts on the subject, and I'm glad that you think that I already have some pretty good stuff! I seem to be surrounded by people who have the latest and greatest, and sometimes feel that I'm living in the dark ages (in spite of the computer control, PSK, automatic QSY to spots, mouse-click logging, etc - though I still do CW manually!).

I have seen and heard a lot about the the TS-850 and 950, so I was thinking that selling 2 of the 3 that I have, I might be able to move up to something with dual-slope bandpass tuning... Yeah, the K3 sounds real nice, too, but a bit out of my price range as you pointed out!!

As for my issues with reliability and the unobtanium DDS chips, I do keep the rig powered on 24/7 (as are my 4 computers and a lot of other things), which, based on my experience, will extend their life substantially...

Again, thanks for the vote of confidence on my existing collection of gear! And I encourage more input from others on the subject...

Cheers to all,
Chuck WA3CEJ
----- Original Message -----
From: kc5cqw
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 17, 2010 10:13 PM
Subject: Re: [TS-850_450_690]Rig Choices...

Chuck,

Why sell any of them?

I have a Yaesu FTdx-401b tube rig for those days when I want to admire tube glow and smell the dust burning off the tops of them.
An Elecraft K2 (fully loaded QRP model) for going outside, in the park or whatever. I also just like to admire the fact that I built it myself one piece at a time.
My truck has a Yaesu FT-857D for 40m-70cm all mode fun going to and from work.
Finally, my TS-450S is the work horse at my QTH. I mostly use this one on the digital modes with a Tigertronics Signalink USB+ and my Powermac G5 computer.

My point is, you seem to have a rig for the major occasions.
A really nice tube (hybrid) set for those days you just need the glow.
Your TS-440 makes a fine backup rig and fills the need for a low maintenance work horse.
The TS-450 can be your rig for experimenting. I have added all kinds of modifications and enhancements to my 450 and every one makes it that much better.

I really don't believe that selling your radios will get you enough cash for a radio that will knock your socks off. For this, you will need an Elecraft K3 or a Flex-3000 (or 5000). Both of these start around the $1500 price point and go up from there. Everything else out there at a lower price is mediocre at best when it comes to RF performance. Besides, the TS-450 will hold its own against these newer mid-class rigs any day.

The Flex radios require a PC but, bells and whistles are plenty! New firmware updates always yield a new set of features to get used to and play with.
Elecraft makes very serious high performance radios but, they can suck your wallet dry. Alas, you get what you pay for and it won't disappoint you.
Both companies are in the USA and "own" any japanese rig you can throw at them, period.

If you must get a new radio for the bells and whistles, service after the sell and reliability, go for the K3 and keep the 450 for backup. If you cant justify the cost or will miss the other radios (you will) keep what you have! Spend some good cash on improving your antenna system first then enhancing your radio next. You already have good radios that would make many proud to own.

Sure, I would love to own a new GMC king cab diesel 4X4 but my little Nissan "rice burner" does the same job of getting me to work reliably and cost allot less.

Ultimately, only you can decide what would be best for your needs.

Good luck and 73,
Damon

--- In TS-850_450_690@yahoogroups.com, "Chuck Goelz" <c.goelz@...> wrote:
>
> I have 3 rigs, and need to pare that down a bit -- maybe to 1, maybe to 2. I'm retired, so there is little money in budget to allocate to the shack...
>
> I have a pair of Twins (T-599D, R-599D, S-599) is really awesome condition. The R-599D has the 6m and the 2m convertors installed. They work flawlessly. The only unfortunate thing about this rig is that the previous owner wanted to make it work with a digital display (DG-5?) and added 3 RCA phono jacks to the rear panel of the R-599D. I have removed that mod, but the damage to the rear panel is permanent. I bought these in 1986 (I was certainly influenced by the fact that I saw the Twins for the first time when TDY in Japan in 1970, in a store front in Tokyo -- Thought they were one on the nicest rigs I ever saw. The T-599D still has the S2001A finals (assumed to be original) and they show no signs of needing replacement! I.E., other than the RCA jacks on the Rx, this rig is CLEAN.
>
> I also have a nice TS-440SAT. It has the YK-88C and YK-88SN (500 Hz CW and 1.8 KHz SSB) filters installed. It has been reliable, and everything works. There are a few cosmetic issues, but nothing that influences it's operation... I've been using it for a year or so on PSK31, SSB, and CW, so I know that all functions work as expected.
>
> My latest acquisition was a TS-450SAT, to which I have added a YK-455c-1 500Hz CW filter (still searching for bargains on YK-88C-1 and YK-88SN-1). I really like this rig for CW -- the QSK is the best I've seen since the old seperate Tx/Rx rigs that I used to own back in the '60s, with a Handbook design home built "electronic T/R switch". Makes me wish I could afford to add a DSP-100 to it (they get a lot of $$$ for those)!! Also, the 450 is flawless both functionally and cosmetically, except for 2 "blemishes" (can't even see that there was "damage" to cause this) on the front panel.

>
> I'd like to hear what others think about the potential to sell 2 of the 3 rigs, and buy one better than any that I have... What would you think I should sell, and what would you think I should buy (with no additional outlay of $$$). I'd also be open to selling all 3, but a bit reluctant.
>
> My thoughts go like this: The Twins are awesome Hybrid technology (think I'll post this to the 520 group as well), and in fantastic shape. But their value has probably peaked... So, money-wise, might be a good time to sell. The 440 is a solid performer, and extremely easy to work on and get parts for, and find expertise for troubleshooting... But it doesn't perform as well as the 450 (I think!). The 450, as well as it performs, is more problematic if it fails -- seems to be less expertise available, and those DDS chips... OHHH those DDS chips... Scares me!!!
>
> So, If I decide to sell X and Y, what do you think I should buy? A TS-850? A 950? An Icom 746 or 756? I like rigs with lots o' knobs... The more knobs the better!! So tell me what you think -- I'm listening!
>
> Cheers,
> Chuck WA3CEJ
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9060. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-18 18:03:49 UTC
From: rovntoma
Topic: 9054 Message: 9060

I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > >
> >
>

9061. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-19 04:10:01 UTC
From: avvidclif
Topic: 9054 Message: 9061

All wrong.

Replace the 7812 with a 7808 like it was designed.

Replace the TRIMMER CAP in the VCO.

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > >
> > >
> > >
> >
>

9062. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-19 12:11:41 UTC
From: rovntoma
Topic: 9054 Message: 9062

OK,I put back 7809 and ceramic trim cap was changed.I think
this was a problem.Thanks again Clif.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> All wrong.
>
> Replace the 7812 with a 7808 like it was designed.
>
> Replace the TRIMMER CAP in the VCO.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > >
> > > >
> > >
> > >
> >
> >
>

9063. disabled ham in the uk.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-19 18:38:05 UTC
From: tsw367@aol.com
Topic: 9063 Message: 9063

My name is Ian, I'm almost 47 & live in the south west UK, I have had my 850 for almost a year but it has developed a problem, If I key up on SSB with processing on the radio transmits & horid noise with no audio but is fine with processing off. Anyone come across this before?

Many thanks
Ian M6KDX

[Non-text portions of this message have been removed]

9064. Re: [TS-850_450_690] disabled ham in the uk.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-19 22:35:36 UTC
From: Dave ve3wej
Topic: 9063 Message: 9064

you dont say what microphone, or what devices may be attached as well

you may be overdriving the radio

----- Original Message -----
From: <tsw367@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, March 19, 2010 2:38 PM
Subject: [TS-850_450_690] disabled ham in the uk.

> My name is Ian, I'm almost 47 & live in the south west UK, I have had my
> 850 for almost a year but it has developed a problem, If I key up on SSB
> with processing on the radio transmits & horid noise with no audio but is
> fine
> with processing off. Anyone come across this before?
>
> Many thanks
> Ian M6KDX
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9065. KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 09:17:30 UTC
From: eagle one
Topic: 9065 Message: 9065

Hello everybody. I do not know if this is the right plase to forward this question.I have a TS 570swhich does not have audio output either through thre built-in speaker ,external speaker nor through the head phone. I know it receives signal as the LCD S meter indicates so. Any suggestion is appreciated. Thank you and 73

de 9W2TZ HANAFI

9066. Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 13:21:05 UTC
From: Dave ve3wej
Topic: 9065 Message: 9066

Is the s meter flucuating, or staying at a steady reading.... maybe rf
gain turned down, which causes leds to rise, and could be above reception
level.

check to see if rf is fully clockwise

Dave Garber
VE3WEJ
----- Original Message -----
From: "eagle one" <foxbat_alpha@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 20, 2010 5:17 AM
Subject: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

> Hello everybody. I do not know if this is the right plase to forward this
> question.I have a TS 570swhich does not have audio output either through
> thre built-in speaker ,external speaker nor through the head phone. I know
> it receives signal as the LCD S meter indicates so. Any suggestion is
> appreciated. Thank you and 73
>
> de 9W2TZ HANAFI
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9067. RE: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 14:16:43 UTC
From: Richard Schmuke
Topic: 9065 Message: 9067

Well I had a problem like that but it was an older rig (TS-430) that had
been on a boat and exposed to salt water mist. The head phone jack was
corroded and when the plug as in there was no good contact and when the plug
was removed the other contacts did not reconnect. Your rig is too new to
have this but check all wires going to any speaker or phone jack for any
signal with a DVM.

Rich , Kd0zz

----- Original Message -----
From: "eagle one" <foxbat_alpha@... <mailto:foxbat_alpha%40yahoo.com>
>
To: <TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> >
Sent: Saturday, March 20, 2010 5:17 AM
Subject: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

> Hello everybody. I do not know if this is the right plase to forward this
> question.I have a TS 570swhich does not have audio output either through
> thre built-in speaker ,external speaker nor through the head phone. I know

> it receives signal as the LCD S meter indicates so. Any suggestion is
> appreciated. Thank you and 73
>
> de 9W2TZ HANAFI
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2756 - Release Date: 03/20/10
07:33:00

[Non-text portions of this message have been removed]

9068. Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 15:29:31 UTC
From: cparrish104@cfl.rr.com
Topic: 9065 Message: 9068

Have you checked the position of the squelch control?

73, K4TL
---- eagle one <foxbat_alpha@...> wrote:
> Hello everybody. I do not know if this is the right plase to forward this question.I have a TS 570swhich does not have audio output either through thre built-in speaker ,external speaker nor through the head phone. I know it receives signal as the LCD S meter indicates so. Any suggestion is appreciated. Thank you and 73
>
> de 9W2TZ HANAFI
>
>
>
>

9069. ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 15:35:23 UTC
From: Jim
Topic: 8273 Message: 9069

trying to find 18k 1/4 watt resistors to make dc to dc converter repair on leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio shack. would this work as substitute or would any 18k resistor work.if not where can i find correct resistors. thanks so much for any help.ab9na2000 jim

9070. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 20:05:26 UTC
From: Dave ve3wej
Topic: 8273 Message: 9070

did you check with kenwoodparts.com

----- Original Message -----
From: "Jim" <kc9iak@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 20, 2010 11:35 AM
Subject: [TS-850_450_690] ts850

> trying to find 18k 1/4 watt resistors to make dc to dc converter repair on
> leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio
> shack. would this work as substitute or would any 18k resistor work.if
> not where can i find correct resistors. thanks so much for any
> help.ab9na2000 jim
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9071. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-20 21:15:27 UTC
From: rovntoma
Topic: 9054 Message: 9071

Afer a few days 850 works fine.But only problem is big drift.I think
100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> OK,I put back 7809 and ceramic trim cap was changed.I think
> this was a problem.Thanks again Clif.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > All wrong.
> >
> > Replace the 7812 with a 7808 like it was designed.
> >
> > Replace the TRIMMER CAP in the VCO.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on

DDS carrier board was changed to ELNA).Where can be problem?
> > > > > >
> > > > > >
> > > > >
> > >
> >
>

9072. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 05:09:17 UTC
From: avvidclif
Topic: 9054 Message: 9072

What is the temperature like in the room? Is it constant or changing?

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Afer a few days 850 works fine.But only problem is big drift.I think
> 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
>
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > OK,I put back 7809 and ceramic trim cap was changed.I think
> > this was a problem.Thanks again Clif.
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > All wrong.
> > >
> > > Replace the 7812 with a 7808 like it was designed.
> > >
> > > Replace the TRIMMER CAP in the VCO.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:

> > > > > > >
> > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>

9073. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 05:42:45 UTC
From: rovntoma
Topic: 9054 Message: 9073

Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
But I dont know,when this help me.
Tom

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the temperature like in the room? Is it constant or changing?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Afer a few days 850 works fine.But only problem is big drift.I think
> > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > this was a problem.Thanks again Clif.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > All wrong.
> > > >
> > > > Replace the 7812 with a 7808 like it was designed.
> > > >
> > > > Replace the TRIMMER CAP in the VCO.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > > > > > >
> > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >

9074. 6db attenuator help please.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 09:07:44 UTC
From: sean2e0
Topic: 9074 Message: 9074

when i press the 6db att button the sig 's drop to 0 and the rx station near disappears from s9++ signal's could someone point me in the correct direction as to what to look at..??

tnx all 73

9075. Re: [TS-850_450_690] 6db attenuator help please.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 15:48:53 UTC
From: Dave ve3wej
Topic: 9074 Message: 9075

I just fixed mine for that same reason. I replaced the 51 and 150 ohm suface mount on the backside of the rf board.

more info if needed.... also check q49 on that board

----- Original Message -----
From: "sean2e0" <jack2elise@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, March 21, 2010 5:07 AM
Subject: [TS-850_450_690] 6db attenuator help please......

> when i press the 6db att button the sig 's drop to 0 and the rx station
> near disappears from s9++ signal's could someone point me in the correct
> direction as to what to look at..??
>
> tnx all 73
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9076. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 18:27:28 UTC
From: Bryan
Topic: 8273 Message: 9076

Jim,

If someone (such as Clif) knows better, please correct me. Not knowing specifcally what these resistors are on the DC-DC Converter module, I did some searching. I found a reference to ALC pumping here: http://www.g4ifb.com/html/ts850_mod.html#ALC. It appears they are R2 & R3 on the DC-DC converter board. The parts list in the service manual (page 87) says the original parts are pn RK73FB2AXXXJ, where XXX is the value (223 = 22K). These are SMD parts: package: 0805 (0.08" x 0.05"), tolerance: +/- 5%.

Radio Shack does not stock any SMD resistors, and 20K isn't much different from the originalo 22K. You can buy 18K/5%/0805 resistors from Mouser (www.mouser.com)...

Mouser Part #: 660-RK73B2ATTD183J
Manufacturer Part #: RK73B2ATTD183J
Manufacturer: KOA Speer
Description: Thick Film Resistors 1/8watts 18Kohms 5%
Each: $0.06 (qty = 1 - 100)

73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, Jim wrote:
>
> trying to find 18k 1/4 watt resistors to make dc to dc converter repair on leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio shack. would this work as substitute or would any 18k resistor work.if not where can i find correct resistors. thanks so much for any help.ab9na2000 jim
>

9077. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 21:39:11 UTC
From: John
Topic: 8273 Message: 9077

--- In TS-850_450_690@yahoogroups.com, "Jim" <kc9iak@...> wrote:
>
> trying to find 18k 1/4 watt resistors to make dc to dc converter repair on leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio shack. would this work as substitute or would any 18k resistor work.if not where can i find correct resistors. thanks so much for any help.ab9na2000 jim
>
Hi Jim, I have a DC/DC converter board which i have changed the resistors on (R2 & R3) both to 18k if you want i will post pics on the photo section of the site to show you, i dont mind sending you the whole board complete if it will help,
let me know.
John.

9078. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-21 22:23:04 UTC
From: John
Topic: 8273 Message: 9078

--- In TS-850_450_690@yahoogroups.com, "John" <mm3cbo@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Jim" <kc9iak@> wrote:
> >
> > trying to find 18k 1/4 watt resistors to make dc to dc converter repair on leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio shack. would this work as substitute or would any 18k resistor work.if not where can i find correct resistors. thanks so much for any help.ab9na2000 jim
> >
> Hi Jim, I have a DC/DC converter board which i have changed the resistors on (R2 & R3) both to 18k if you want i will post pics on the photo section of the site to show you, i dont mind sending you the whole board complete if it will help,
> let me know.
> John.

hi jim, ive posted a pic in the photos section of the DC/DC converter board which ive changed the resistors on.
John
>

9079. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-22 00:02:15 UTC
From: Jim Baumann
Topic: 8273 Message: 9079

thanks so much bryan and john. i think ill order resisters tomorrow from mouser. thanks for pt. number and source and instructions. this groups the best.ill keep ya posted ab9na2000 jim

---

From: Bryan <bswadener@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, March 21, 2010 2:27:28 PM
Subject: [TS-850_450_690] Re: ts850

Jim,

If someone (such as Clif) knows better, please correct me. Not knowing specifcally what these resistors are on the DC-DC Converter module, I did some searching. I found a reference to ALC pumping here: http://www.g4ifb. com/html/ ts850_mod. html#ALC. It appears they are R2 & R3 on the DC-DC converter board. The parts list in the service manual (page 87) says the original parts are pn RK73FB2AXXXJ, where XXX is the value (223 = 22K). These are SMD parts: package: 0805 (0.08" x 0.05"), tolerance: +/- 5%.

Radio Shack does not stock any SMD resistors, and 20K isn't much different from the originalo 22K. You can buy 18K/5%/0805 resistors from Mouser (www.mouser. com)...

Mouser Part #: 660-RK73B2ATTD183J
Manufacturer Part #: RK73B2ATTD183J
Manufacturer: KOA Speer
Description: Thick Film Resistors 1/8watts 18Kohms 5%
Each: $0.06 (qty = 1 - 100)

73,
Bryan WA7PRC

--- In TS-850_450_690@ yahoogroups. com, Jim wrote:
>
> trying to find 18k 1/4 watt resistors to make dc to dc converter repair on leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio shack. would this work as substitute or would any 18k resistor work.if not where can i find correct resistors. thanks so much for any help.ab9na2000 jim
>

[Non-text portions of this message have been removed]

9080. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-22 00:08:28 UTC
From: Jim Baumann
Topic: 8273 Message: 9080

thanks john. i found repair steps on groupmods. if i need more help ill get in touch. thanks again.ab9na2000 jim

---

From: John <mm3cbo@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, March 21, 2010 5:39:11 PM
Subject: [TS-850_450_690] Re: ts850

--- In TS-850_450_690@ yahoogroups. com, "Jim" <kc9iak@...> wrote:
>
> trying to find 18k 1/4 watt resistors to make dc to dc converter repair on leaky resisters r2 and r3 on als board.i have found20k 1/4 watt at radio shack. would this work as substitute or would any 18k resistor work.if not where can i find correct resistors. thanks so much for any help.ab9na2000 jim
>
Hi Jim, I have a DC/DC converter board which i have changed the resistors on (R2 & R3) both to 18k if you want i will post pics on the photo section of the site to show you, i dont mind sending you the whole board complete if it will help,
let me know.
John.

[Non-text portions of this message have been removed]

9081. Re: 6db attenuator help please.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-22 16:46:25 UTC
From: sean2e0
Topic: 9074 Message: 9081

yes any further info would be great i.e. device values or part numbers etc thank's

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> I just fixed mine for that same reason. I replaced the 51 and 150 ohm suface
> mount on the backside of the rf board.
>
>
> more info if needed.... also check q49 on that board
>
> ----- Original Message -----
> From: "sean2e0" <jack2elise@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, March 21, 2010 5:07 AM
> Subject: [TS-850_450_690] 6db attenuator help please......
>
>
> > when i press the 6db att button the sig 's drop to 0 and the rx station
> > near disappears from s9++ signal's could someone point me in the correct
> > direction as to what to look at..??
> >
> > tnx all 73
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9082. Re: [TS-850_450_690] Re: 6db attenuator help please.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-22 19:20:05 UTC
From: Dave ve3wej
Topic: 9074 Message: 9082

on its way...

----- Original Message -----
From: "sean2e0" <jack2elise@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 22, 2010 12:46 PM
Subject: [TS-850_450_690] Re: 6db attenuator help please......

> yes any further info would be great i.e. device values or part numbers etc
> thank's
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> I just fixed mine for that same reason. I replaced the 51 and 150 ohm
>> suface
>> mount on the backside of the rf board.
>>
>>
>> more info if needed.... also check q49 on that board
>>
>> ----- Original Message -----
>> From: "sean2e0" <jack2elise@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Sunday, March 21, 2010 5:07 AM
>> Subject: [TS-850_450_690] 6db attenuator help please......
>>
>>
>> > when i press the 6db att button the sig 's drop to 0 and the rx station
>> > near disappears from s9++ signal's could someone point me in the
>> > correct
>> > direction as to what to look at..??
>> >
>> > tnx all 73
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>>
>
>

>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9083. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-23 20:44:54 UTC
From: rovntoma
Topic: 9054 Message: 9083

Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
PS:I prefer SSB only on higher bands.
Thanks for any answer.
Tom

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> But I dont know,when this help me.
> Tom
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What is the temperature like in the room? Is it constant or changing?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > this was a problem.Thanks again Clif.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > All wrong.
> > > > >
> > > > > Replace the 7812 with a 7808 like it was designed.
> > > > >
> > > > > Replace the TRIMMER CAP in the VCO.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >

> > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > >
> > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

9084. RE: [TS-850_450_690] Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-23 21:20:42 UTC
From: Andy Hearn
Topic: 9054 Message: 9084

Might be worth checking the decoupling caps as well around the 7808 and any other regulator. I had a TS-430S that bounced around and made funny noise when switching on for a few seconds. I fitted low ESR ones and everything was FB after that. The original electrolytics had dried out from 1uF down to virtually o/c.

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of rovntoma
Sent: 23 March 2010 20:45
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS850 PLL problem?

Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
PS:I prefer SSB only on higher bands.
Thanks for any answer.
Tom

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@...> wrote:
>
> Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> But I dont know,when this help me.
> Tom
>
> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> >
> > What is the temperature like in the room? Is it constant or changing?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > >
> > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com

<mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > >
> > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > this was a problem.Thanks again Clif.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> > > > >
> > > > > All wrong.
> > > > >
> > > > > Replace the 7812 with a 7808 like it was designed.
> > > > >
> > > > > Replace the TRIMMER CAP in the VCO.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage
regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is
stable and all is good.Still I am testing it.
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I
look to diagram which caps can be replaced.
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with
a 10pf ceramic and set it for 5v.
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > > > > > > >
> > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago
starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on
display.
> > > > > > > > > I realigment voltages according service manual.I
think,that the problem is VCO2.Manual says +5V on TP2.But after a few
minutes SSB voices are cripsy with distortion.I try 6V and all was good,but
after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is
good(still). First time I had idea,that YM6631 are defective.(smd caps on
DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > >

> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>

[Non-text portions of this message have been removed]

9085. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-24 06:35:11 UTC
From: rovntoma
Topic: 9054 Message: 9085

Thanks for answer.I will try change 7808 regulator.Caps around was checked and changed.

--- In TS-850_450_690@yahoogroups.com, "Andy Hearn" <g3ueq@...> wrote:
>
> Might be worth checking the decoupling caps as well around the 7808 and any
> other regulator. I had a TS-430S that bounced around and made funny noise
> when switching on for a few seconds. I fitted low ESR ones and everything
> was FB after that. The original electrolytics had dried out from 1uF down to
> virtually o/c.
>
> Andy G3UEQ
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of rovntoma
> Sent: 23 March 2010 20:45
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS850 PLL problem?
>
>
>
>
>
>
> Today I tried another 20mhz crystal from network card.The drift was 250hz
> from cold start.After 30 minutes the frequency was good and stable.But 250hz
> past 30min is horrible.Original crystal had 100-120hz.A new crystal can
> reduce drift?Crystal heater will be good choice,or VCO has another problem?
> PS:I prefer SSB only on higher bands.
> Thanks for any answer.
> Tom
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> >
> > Temperature in the room is constant between 20-22C.I am looking for
> something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > But I dont know,when this help me.
> > Tom
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> > >
> > > What is the temperature like in the room? Is it constant or changing?
> > >

> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > >
> > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > 100hz past first 3 hours is quit much.It is some possibility reduce
> it? (Except expensive TXCO)
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > > >
> > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > this was a problem.Thanks again Clif.
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > All wrong.
> > > > > >
> > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > >
> > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage
> regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is
> stable and all is good.Still I am testing it.
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I
> look to diagram which caps can be replaced.
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with
> a 10pf ceramic and set it for 5v.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "rovntoma" <330at112@> wrote:

> > > > > > > > > >
> > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago
> starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on
> display.
> > > > > > > > > > > I realigment voltages according service manual.I
> think,that the problem is VCO2.Manual says +5V on TP2.But after a few
> minutes SSB voices are cripsy with distortion.I try 6V and all was good,but
> after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is
> good(still). First time I had idea,that YM6631 are defective.(smd caps on
> DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9086. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-24 15:55:49 UTC
From: avvidclif
Topic: 9054 Message: 9086

You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.

The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> PS:I prefer SSB only on higher bands.
> Thanks for any answer.
> Tom
>
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > But I dont know,when this help me.
> > Tom
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What is the temperature like in the room? Is it constant or changing?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > this was a problem.Thanks again Clif.
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >

> > > > > > All wrong.
> > > > > >
> > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > >
> > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

9087. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-24 19:39:53 UTC
From: rovntoma
Topic: 9054 Message: 9087

Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
>
> The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > PS:I prefer SSB only on higher bands.
> > Thanks for any answer.
> > Tom
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > But I dont know,when this help me.
> > > Tom
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > What is the temperature like in the room? Is it constant or changing?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:

> > > > > >
> > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > this was a problem.Thanks again Clif.
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > All wrong.
> > > > > > >
> > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > >
> > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > >
> > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > >
> > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > >
> > > > > > > > > > Clif
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >

> >
>

9088. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-25 14:34:45 UTC
From: avvidclif
Topic: 9054 Message: 9088

Might I ask how you are measuring this drift?

Clif

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
>
> Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> >
> > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > PS:I prefer SSB only on higher bands.
> > > Thanks for any answer.
> > > Tom
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > But I dont know,when this help me.
> > > > Tom
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > What is the temperature like in the room? Is it constant or changing?
> > > > >
> > > > > Clif
> > > > >

> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > > > this was a problem.Thanks again Clif.
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > >
> > > > > > > > > > All wrong.
> > > > > > > > > > >
> > > > > > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > > > > > > >
> > > > > > > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Clif
> > > > > > > > > > > > >
> > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > > > > > Clif
> > > > > > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > > > > > > > >
> Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> >

```
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>
```

9089. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-25 16:11:01 UTC
From: rovntoma
Topic: 9054 Message: 9089

From local station with TXCO.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Might I ask how you are measuring this drift?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> >
> > Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> > >
> > > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > > PS:I prefer SSB only on higher bands.
> > > > Thanks for any answer.
> > > > Tom
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > > But I dont know,when this help me.
> > > > > Tom
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > > > > >
> > > > > > What is the temperature like in the room? Is it constant or changing?
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it?
(Except expensive TXCO)
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@...m, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > > > this was a problem.Thanks again Clif.
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > All wrong.
> > > > > > > > >
> > > > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > > > >
> > > > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage
regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all
is good.Still I am testing it.
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to
diagram which caps can be replaced.
> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > >
> > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf
ceramic and set it for 5v.
> > > > > > > > > > > >
> > > > > > > > > > > > Clif
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@>
wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting
drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.

> > > > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

9090. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-25 21:42:08 UTC
From: birchardvilleobservatory
Topic: 9054 Message: 9090

Do you mean WWV, some local broadcast station, or another ham?

Do you KNOW his frequency is stable?

The TS-850 manual description of the master oscillator calibration procedure is pretty clear. Have you tried using its measurement technique as recommended, using a SWBC or standard frequency station?

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
>
> From local station with TXCO.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Might I ask how you are measuring this drift?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > >
> > > Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> > > >
> > > > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > > > PS:I prefer SSB only on higher bands.

> > > > > Thanks for any answer.
> > > > > Tom
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > > > > But I dont know,when this help me.
> > > > > > > Tom
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > What is the temperature like in the room? Is it constant or changing?
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > >
> > > > > > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > > > > > this was a problem.Thanks again Clif.
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > All wrong.
> > > > > > > > > > >
> > > > > > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > > > > > >
> > > > > > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > > > > > >
> > > > > > > > > > > Clif
> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > >
> > > > > > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > > > > > >

> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Clif
> > > > > > > > > > > > >
> > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > > > > > >
> > > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

9091. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 02:22:09 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9091

Wanted everyone to know:

I finally resolved the RFI issue with the 850sat.

I had to end up grounding the computer to the same ground as all the other equipment. After a generous ferrite treatment which resolved nothing but the interference to my keyboard, I now have a final solution and am active again on cw at full power out along with rtty and psk.

Thanks to everyone for the help and the file upload, that file helped me get my thinking on track and once I had time to implement it methodically I was able to fix the issue.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> Sent: Monday, March 15, 2010 3:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Got the file thanks readying it now. I am looking for one for station
> grounding now
>
> Wonder if there is one that might be a check all end all type paper
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> > Sent: Monday, March 15, 2010 3:40 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > Hi Chuck
> >
> > Thanks for writing. Some really good ideas here. Please let me know
> > when you
> > get the file uploaded, I would very much be interested in reading it.
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-

> > > 850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> > > Sent: Sunday, March 14, 2010 11:10 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > Bob,
> > >
> > > If you are interested in building your own serial interface, I
> would
> > > like to encourage you... I did -- twice. With great success and
> > > little effort. I started with the article written by K6XX on the
> > > topic. He describes interfaces from the simplest to the most
> robust,
> > > and explains how the chips in the computer and the radio handle the
> > > signals presented to them -- and why a perfect adherence to the RS-
> > 232
> > > spec is unnecessary. It's a great article that I got from the
> files
> > > section of the TS-440 yahoo group (I should upload it to this
> group's
> > > files section, too!).
> > >
> > > His simplest interface uses a zener diode and a resistor to
> condition
> > > the RS-232 level signal for the radio's TTL level interface...
> Then
> > he
> > > describes more sophisticated methods using opto-isolators...
> > >
> > > I decided to start with the simplest form, and add sophistication
> > only
> > > as required... Additions were never needed. I'm using the
> simplest
> > > form (diode and resistor) and it is flawless with my TS-440. Then
> > when
> > > I got my TS-450SAT, I found that it was still flawless. And after
> > > replacing my shack computer, it was still flawless. I just built a
> > > second one, so that I can control both the 440 and the 450...
> > > Flawless. With my DXLab software, I can even make the 440
> > > automatically follow the 450 when I twist the 450's VFO knob, or
> > press
> > > a mode button....
> > >
> > > I used a stereo patch cable as a source of dual-shielded cable to
> > carry
> > > TD and RD only. I don't even connect RTS and CTS... These
> Kenwoods
> > > don't care about that... I got the 6-pin DIN connectors from
> either
> > > Mouser or Jameco (can't remember at the moment which). They're

> > pretty
> > > cheap (as am I!).
> > >
> > > As for your RF problem, I'd like to suggest that you look into your
> > > station grounding and bonding. By "bonding", I'm referring to the
> > > connection of all "grounds" to each other. Your station should
> have
> > > all equipment connected to a common ground connection, and that
> > > connection should be connected to the same ground as the electric
> > > service equipment. If you have a ground rod (or rods) for your
> > > antennas and shack, then it NEEDS to be bonded back to the electric
> > > service ground as well... (I've heard some use the term "Equi-
> > > Potential-Plane"). The National Electric Code (from which all local
> > > building codes are derived) absolutely requires this! The NEC
> > > requirement for the size of the bonding conductor is a function of
> > the
> > > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> > was
> > > corrected on this issue some years ago. Old handbooks ('60s, '70s,
> > and
> > > at least into the '80s) used to show independent grounds...
> Believe
> > me
> > > when I tell you that multiple grounds that are not bonded are a
> > serious
> > > issue in terms of personal safety as well as equipment damage.
> > >
> > > One other note -- I don't rely on the power cord for grounding my
> > > computer. I use a ground connection at one of the screws securing
> > the
> > > power supply to the tower chassis connected to the station ground
> bus
> > > to ensure that the computer ground is the same as the radio
> ground...
> > >
> > >
> > > Please feel free to ask for help either on or off list if you wish.
> > >
> > > Cheers, and GL,
> > > Chuck WA3CEJ
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: Bob AD5VJ
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Sunday, March 14, 2010 9:00 PM
> > > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >

> > >
> > >
> > > Hi Zack
> > >
> > > I am starting to suspect the smt component level converter.
> > >
> > > I may very well just buy a different type or build one for myself
> > > from the
> > > MAX232 chips as you did.
> > >
> > > Please email me off list with any links or information on the one
> > you
> > > did,
> > > since I know the design works.
> > >
> > > I could search it on Google, but may not find the same design
> that
> > I
> > > know
> > > you have used and that works - I don't want to reinvent the wheel
> > on
> > > this
> > > one if at all possible
> > >
> > > Bob AD5VJ
> > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > > > Sent: Sunday, March 14, 2010 7:48 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > > I built an interface using MAX232's in DIP cases. I have not
> had
> > > any
> > > > trouble
> > > > with computer interface RFI in the ham bands.
> > > >
> > > > I've noticed conputer RFI all over the place when listening in
> > the
> > > > LOWFER
> > > > bands (137, 185, 500 kHz) this winter without the computer
> > > connected to
> > > > the
> > > > rig and it's a little worse with the sound card connected to
> the
> > > rig.
> > > > So
> > > > it's difficult to decode WOLF, etc. with the computer on.

> > > >
> > > > But it might be this particular computer (Dell Optiplex GX270).
> I
> > > > haven't
> > > > tried it with a different computer yet.
> > > >
> > > > 73, Zack W9SZ
> > > >
> > > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...>
> > wrote:
> > > >
> > > > >
> > > > >
> > > > > I have an interface and it has a level converter built into
> the
> > > db9
> > > > > connector which is all smt type components, I am beginning to
> > > wonder
> > > > if
> > > > > they
> > > > > might be subject to rf levels.
> > > > >
> > > > > Bob AD5VJ
> > > > >
> > > > >
> > > > > > -----Original Message-----
> > > > > > From: TS-850_450_690@yahoogroups.com <TS-
> > > > 850_450_690%40yahoogroups.com>[mailto:
> > > > > TS-
> > > > > > 850_450_690@yahoogroups.com
> <850_450_690%40yahoogroups.com>]
> > On
> > > > Behalf
> > > > > > Of ny1t
> > > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > > To: TS-850_450_690@yahoogroups.com <TS-
> > > > 850_450_690%40yahoogroups.com>
> > > > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > > >
> > > > > > The TS-850 is not RS-232. You need a level converter.
> > > > > >
> > > > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@...<TS-
> > > > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > > > > Groups Links

> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@...! Groups
> > Links
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > > >
> > > >
> > > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > >
> > >
> > >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >

9092. Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 03:44:10 UTC
From: Chuck Goelz
Topic: 9030 Message: 9092

Bob,

Great!! Glad to hear that. It feels good to work through the problem and successfully implement a resolution, doesn't it?

Time for some operating now!

Cheers,

Chuck WA3CEJ
----- Original Message -----
From: Bob AD5VJ
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 25, 2010 10:22 PM
Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Wanted everyone to know:

I finally resolved the RFI issue with the 850sat.

I had to end up grounding the computer to the same ground as all the other equipment. After a generous ferrite treatment which resolved nothing but the interference to my keyboard, I now have a final solution and am active again on cw at full power out along with rtty and psk.

Thanks to everyone for the help and the file upload, that file helped me get my thinking on track and once I had time to implement it methodically I was able to fix the issue.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> Sent: Monday, March 15, 2010 3:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Got the file thanks readying it now. I am looking for one for station
> grounding now
>
> Wonder if there is one that might be a check all end all type paper
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-

> > 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> > Sent: Monday, March 15, 2010 3:40 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > Hi Chuck
> >
> > Thanks for writing. Some really good ideas here. Please let me know
> > when you
> > get the file uploaded, I would very much be interested in reading it.
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > 850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> > > Sent: Sunday, March 14, 2010 11:10 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > Bob,
> > >
> > > If you are interested in building your own serial interface, I
> would
> > > like to encourage you... I did -- twice. With great success and
> > > little effort. I started with the article written by K6XX on the
> > > topic. He describes interfaces from the simplest to the most
> robust,
> > > and explains how the chips in the computer and the radio handle the
> > > signals presented to them -- and why a perfect adherence to the RS-
> > 232
> > > spec is unnecessary. It's a great article that I got from the
> files
> > > section of the TS-440 yahoo group (I should upload it to this
> group's
> > > files section, too!).
> > >
> > > His simplest interface uses a zener diode and a resistor to
> condition
> > > the RS-232 level signal for the radio's TTL level interface...
> Then
> > he
> > > describes more sophisticated methods using opto-isolators...
> > >
> > > I decided to start with the simplest form, and add sophistication
> > only
> > > as required... Additions were never needed. I'm using the
> simplest
> > > form (diode and resistor) and it is flawless with my TS-440. Then
> > when

> > > I got my TS-450SAT, I found that it was still flawless. And after
> > > replacing my shack computer, it was still flawless. I just built a
> > > second one, so that I can control both the 440 and the 450...
> > > Flawless. With my DXLab software, I can even make the 440
> > > automatically follow the 450 when I twist the 450's VFO knob, or
> > press
> > > a mode button....
> > >
> > > I used a stereo patch cable as a source of dual-shielded cable to
> > carry
> > > TD and RD only. I don't even connect RTS and CTS... These
> Kenwoods
> > > don't care about that... I got the 6-pin DIN connectors from
> either
> > > Mouser or Jameco (can't remember at the moment which). They're
> > pretty
> > > cheap (as am I!).
> > >
> > > As for your RF problem, I'd like to suggest that you look into your
> > > station grounding and bonding. By "bonding", I'm referring to the
> > > connection of all "grounds" to each other. Your station should
> have
> > > all equipment connected to a common ground connection, and that
> > > connection should be connected to the same ground as the electric
> > > service equipment. If you have a ground rod (or rods) for your
> > > antennas and shack, then it NEEDS to be bonded back to the electric
> > > service ground as well... (I've heard some use the term "Equi-
> > > Potential-Plane"). The National Electric Code (from which all local
> > > building codes are derived) absolutely requires this! The NEC
> > > requirement for the size of the bonding conductor is a function of
> > the
> > > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> > was
> > > corrected on this issue some years ago. Old handbooks ('60s, '70s,
> > and
> > > at least into the '80s) used to show independent grounds...
> Believe
> > me
> > > when I tell you that multiple grounds that are not bonded are a
> > serious
> > > issue in terms of personal safety as well as equipment damage.
> > >
> > > One other note -- I don't rely on the power cord for grounding my
> > > computer. I use a ground connection at one of the screws securing
> > the
> > > power supply to the tower chassis connected to the station ground
> bus
> > > to ensure that the computer ground is the same as the radio
> ground...

> > >
> > >
> > > Please feel free to ask for help either on or off list if you wish.
> > >
> > > Cheers, and GL,
> > > Chuck WA3CEJ
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: Bob AD5VJ
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Sunday, March 14, 2010 9:00 PM
> > > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > >
> > >
> > > Hi Zack
> > >
> > > I am starting to suspect the smt component level converter.
> > >
> > > I may very well just buy a different type or build one for myself
> > > from the
> > > MAX232 chips as you did.
> > >
> > > Please email me off list with any links or information on the one
> > you
> > > did,
> > > since I know the design works.
> > >
> > > I could search it on Google, but may not find the same design
> that
> > I
> > > know
> > > you have used and that works - I don't want to reinvent the wheel
> > on
> > > this
> > > one if at all possible
> > >
> > > Bob AD5VJ
> > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > > > Sent: Sunday, March 14, 2010 7:48 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > > I built an interface using MAX232's in DIP cases. I have not
> had

> > > any
> > > > trouble
> > > > with computer interface RFI in the ham bands.
> > > >
> > > > I've noticed conputer RFI all over the place when listening in
> > the
> > > > LOWFER
> > > > bands (137, 185, 500 kHz) this winter without the computer
> > > connected to
> > > > the
> > > > rig and it's a little worse with the sound card connected to
> the
> > > rig.
> > > > So
> > > > it's difficult to decode WOLF, etc. with the computer on.
> > > >
> > > > But it might be this particular computer (Dell Optiplex GX270).
> I
> > > > haven't
> > > > tried it with a different computer yet.
> > > >
> > > > 73, Zack W9SZ
> > > >
> > > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...>
> > wrote:
> > > >
> > > > >
> > > > >
> > > > > I have an interface and it has a level converter built into
> the
> > > db9
> > > > > connector which is all smt type components, I am beginning to
> > > wonder
> > > > if
> > > > > they
> > > > > might be subject to rf levels.
> > > > >
> > > > > Bob AD5VJ
> > > > >
> > > > >
> > > > > > -----Original Message-----
> > > > > > From: TS-850_450_690@yahoogroups.com <TS-
> > > > 850_450_690%40yahoogroups.com>[mailto:
> > > > > TS-
> > > > > > 850_450_690@yahoogroups.com
> <850_450_690%40yahoogroups.com>]
> > On
> > > > Behalf
> > > > > Of ny1t
> > > > > > Sent: Sunday, March 14, 2010 4:38 AM

> > > > > > To: TS-850_450_690@yahoogroups.com <TS-
> > > > 850_450_690%40yahoogroups.com>
> > > > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > > >
> > > > > > The TS-850 is not RS-232. You need a level converter.
> > > > > >
> > > > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@...<TS-
> > > > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > > > Groups Links
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@...! Groups
> > > Links
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > > >
> > > >
> > > >
> > >
> > >

> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9093. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 04:12:34 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9093

Amen on that 40 meters cw here I come HIHI

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> Sent: Thursday, March 25, 2010 10:44 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Bob,
>
> Great!! Glad to hear that. It feels good to work through the problem
> and successfully implement a resolution, doesn't it?
>
> Time for some operating now!
>
> Cheers,
>
> Chuck WA3CEJ
> ----- Original Message -----
> From: Bob AD5VJ
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, March 25, 2010 10:22 PM
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
>
>
> Wanted everyone to know:
>
> I finally resolved the RFI issue with the 850sat.
>
> I had to end up grounding the computer to the same ground as all the
> other
> equipment. After a generous ferrite treatment which resolved nothing
> but the
> interference to my keyboard, I now have a final solution and am
> active again
> on cw at full power out along with rtty and psk.
>
> Thanks to everyone for the help and the file upload, that file helped
> me get
> my thinking on track and once I had time to implement it methodically
> I was

> able to fix the issue.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> > Sent: Monday, March 15, 2010 3:53 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> >
> > Got the file thanks readying it now. I am looking for one for
> station
> > grounding now
> >
> > Wonder if there is one that might be a check all end all type paper
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> > > Sent: Monday, March 15, 2010 3:40 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > Hi Chuck
> > >
> > > Thanks for writing. Some really good ideas here. Please let me
> know
> > > when you
> > > get the file uploaded, I would very much be interested in reading
> it.
> > >
> > > Bob AD5VJ
> > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > > 850_450_690@yahoogroups.com] On Behalf Of Chuck Goelz
> > > > Sent: Sunday, March 14, 2010 11:10 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > > Bob,
> > > >
> > > > If you are interested in building your own serial interface, I
> > would
> > > > like to encourage you... I did -- twice. With great success and
> > > > little effort. I started with the article written by K6XX on
> the

> > > > topic. He describes interfaces from the simplest to the most
> > robust,
> > > > > and explains how the chips in the computer and the radio handle
> the
> > > > > signals presented to them -- and why a perfect adherence to the
> RS-
> > > 232
> > > > > spec is unnecessary. It's a great article that I got from the
> > files
> > > > > section of the TS-440 yahoo group (I should upload it to this
> > group's
> > > > > files section, too!).
> > > > >
> > > > > His simplest interface uses a zener diode and a resistor to
> > condition
> > > > > the RS-232 level signal for the radio's TTL level interface...
> > Then
> > > > he
> > > > > describes more sophisticated methods using opto-isolators...
> > > > >
> > > > > I decided to start with the simplest form, and add
> sophistication
> > > only
> > > > > as required... Additions were never needed. I'm using the
> > simplest
> > > > > form (diode and resistor) and it is flawless with my TS-440.
> Then
> > > when
> > > > > I got my TS-450SAT, I found that it was still flawless. And
> after
> > > > > replacing my shack computer, it was still flawless. I just
> built a
> > > > > second one, so that I can control both the 440 and the 450...
> > > > > Flawless. With my DXLab software, I can even make the 440
> > > > > automatically follow the 450 when I twist the 450's VFO knob,
> or
> > > press
> > > > > a mode button....
> > > > >
> > > > > I used a stereo patch cable as a source of dual-shielded cable
> to
> > > carry
> > > > > TD and RD only. I don't even connect RTS and CTS... These
> > Kenwoods
> > > > > don't care about that... I got the 6-pin DIN connectors from
> > either
> > > > > Mouser or Jameco (can't remember at the moment which). They're
> > > pretty
> > > > > cheap (as am I!).
> > > > >

> > > > As for your RF problem, I'd like to suggest that you look into
> your
> > > > station grounding and bonding. By "bonding", I'm referring to
> the
> > > > connection of all "grounds" to each other. Your station should
> > have
> > > > all equipment connected to a common ground connection, and that
> > > > connection should be connected to the same ground as the
> electric
> > > > service equipment. If you have a ground rod (or rods) for your
> > > > antennas and shack, then it NEEDS to be bonded back to the
> electric
> > > > service ground as well... (I've heard some use the term "Equi-
> > > > Potential-Plane"). The National Electric Code (from which all
> local
> > > > building codes are derived) absolutely requires this! The NEC
> > > > requirement for the size of the bonding conductor is a function
> of
> > > the
> > > > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > > > service, a #4 AWG conductor is required... BTW, the ARRL
> handbook
> > > was
> > > > corrected on this issue some years ago. Old handbooks ('60s,
> '70s,
> > > and
> > > > at least into the '80s) used to show independent grounds...
> > Believe
> > > me
> > > > when I tell you that multiple grounds that are not bonded are a
> > > serious
> > > > issue in terms of personal safety as well as equipment damage.
> > > >
> > > > One other note -- I don't rely on the power cord for grounding
> my
> > > > computer. I use a ground connection at one of the screws
> securing
> > > the
> > > > power supply to the tower chassis connected to the station
> ground
> > bus
> > > > to ensure that the computer ground is the same as the radio
> > ground...
> > > >
> > > >
> > > > Please feel free to ask for help either on or off list if you
> wish.
> > > >
> > > > Cheers, and GL,
> > > > Chuck WA3CEJ

> > > >
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: Bob AD5VJ
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Sunday, March 14, 2010 9:00 PM
> > > > Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > >
> > > > >
> > > > Hi Zack
> > > > >
> > > > I am starting to suspect the smt component level converter.
> > > > >
> > > > I may very well just buy a different type or build one for
> myself
> > > > from the
> > > > MAX232 chips as you did.
> > > > >
> > > > Please email me off list with any links or information on the
> one
> > > you
> > > > did,
> > > > since I know the design works.
> > > > >
> > > > I could search it on Google, but may not find the same design
> > that
> > > I
> > > > know
> > > > you have used and that works - I don't want to reinvent the
> wheel
> > > on
> > > > this
> > > > one if at all possible
> > > > >
> > > > Bob AD5VJ
> > > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > > > 850_450_690@yahoogroups.com] On Behalf Of Zack Widup
> > > > > Sent: Sunday, March 14, 2010 7:48 PM
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Subject: Re: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > > >
> > > > > I built an interface using MAX232's in DIP cases. I have not
> > had
> > > > any
> > > > > trouble
> > > > > with computer interface RFI in the ham bands.

> > > > >
> > > > > I've noticed conputer RFI all over the place when listening
> in
> > > the
> > > > > LOWFER
> > > > > bands (137, 185, 500 kHz) this winter without the computer
> > > > connected to
> > > > > the
> > > > > rig and it's a little worse with the sound card connected to
> > the
> > > > rig.
> > > > > So
> > > > > it's difficult to decode WOLF, etc. with the computer on.
> > > > >
> > > > > But it might be this particular computer (Dell Optiplex
> GX270).
> > I
> > > > > haven't
> > > > > tried it with a different computer yet.
> > > > >
> > > > > 73, Zack W9SZ
> > > > >
> > > > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@...>
> > > wrote:
> > > > >
> > > > > >
> > > > > >
> > > > > > I have an interface and it has a level converter built into
> > the
> > > > db9
> > > > > > connector which is all smt type components, I am beginning
> to
> > > > wonder
> > > > > > if
> > > > > > they
> > > > > > might be subject to rf levels.
> > > > > >
> > > > > > Bob AD5VJ
> > > > > >
> > > > > >
> > > > > > -----Original Message-----
> > > > > > From: TS-850_450_690@yahoogroups.com <TS-
> > > > 850_450_690%40yahoogroups.com>[mailto:
> > > > > > TS-
> > > > > > 850_450_690@yahoogroups.com
> > <850_450_690%40yahoogroups.com>]
> > > On
> > > > > > Behalf
> > > > > > Of ny1t
> > > > > > Sent: Sunday, March 14, 2010 4:38 AM

> > > > > > > To: TS-850_450_690@yahoogroups.com <TS-
> > > > > 850_450_690%40yahoogroups.com>
> > > > > > > Subject: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> > > > > > >
> > > > > > > The TS-850 is not RS-232. You need a level converter.
> > > > > > >
> > > > > > > http://tk5ep.free.fr/tech/ts850/if232/en/if232_g.php
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > ------------------------------------
> > > > > > >
> > > > > > > THANKS FOR USING TS-850_450_690@...<TS-
> > > > > 850_450_690%40YAHOOGROUPS.COMYahoo>!
> > > > > > Groups Links
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@...! Groups
> > > Links
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@...! Groups
> Links
> > > > >
> > > > >
> > > > >
> > > >

> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups
> Links
> > >
> > >
> > >
> >
> >
> > > ------------------------------------
> >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9094. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 05:55:25 UTC
From: rovntoma
Topic: 9054 Message: 9094

I tested it with another ham (novice)IC7400+txco.We tested 10m only (his antenna system)His radio was warm (over hour),my from cold start was stable after 30min talking with him.It "walk" +120hz on 10m band.Maybe on other bands drift is not so big.(not tested)I think it depends on temperature in TS850.Room temp is stable.21-22C.
1.PLL setting was set according manual.5V for VCO2(30mhz) and 2,3V (21,5mhz)Trim cap was replaced,because dots on display was present.
2.All elyts on PLL board was replaced.(oscon near 7809 was leaky)
3.Another used 20mhz xtals was tested with even higher drift.
4.Compared to previous ts450 drift is higher on 10m.
5.I have idea buy cheap crystal heater from Kuhne el.Its hold xtal
at 40C temp.
6.My TS850 was many years hardly used with previous owner (silent key)

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory"
<birchardvilleobservatory@...> wrote:
>
> Do you mean WWV, some local broadcast station, or another ham?
>
> Do you KNOW his frequency is stable?
>
> The TS-850 manual description of the master oscillator calibration procedure is pretty clear. Have you tried using its measurement technique as recommended, using a SWBC or standard frequency station?
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> >
> > From local station with TXCO.
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Might I ask how you are measuring this drift?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > >
> > > > Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
> > > >
> > > >

> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> > > > >
> > > > > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > > > > PS:I prefer SSB only on higher bands.
> > > > > > Thanks for any answer.
> > > > > > Tom
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > > > > But I dont know,when this help me.
> > > > > > > Tom
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > What is the temperature like in the room? Is it constant or changing?
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > >
> > > > > > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > > > > > this was a problem.Thanks again Clif.
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > All wrong.
> > > > > > > > > > >

> > > > > > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > > > > > >
> > > > > > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > > > > > >
> > > > > > > > > > > Clif
> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > >
> > > > > > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > > > > > >
> > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > Clif
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > > >
> > > > > > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > > > > > > >
> > > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

9095. going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 12:26:51 UTC
From: Andy G3UEQ
Topic: 9095 Message: 9095

Hi
For the first time ever after repairing many TS-430s over the years, I have one where the PA pre-drivers have failed due to bias regulator 2SD-880Y going s/c. The original 2SC2509's are like hens teeth, so checked out the 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3 emitter. However when I dismantled PA and removed the 2 drivers Q2 and Q3, I was surprised to find the centre pins earthed (collector) and bolted straight on to the heat sink.
The markings on the 2SC2509's have FP written on them, some people say isolated tab but I think this just stands for Flate plate.
Question: Were the 2SC509's for the 430 made with Emitter in the middle pin and tab, this would make sense. If I fit the 2SC1969's I am going to have to fit isolating washer and swap the connections. This is very strange.
Andy G3UEQ

9096. Re: [TS-850_450_690] going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 13:41:36 UTC
From: Zack Widup
Topic: 9095 Message: 9096

I repaired a similar radio for someone about a year ago. Here's a message I sent to this group on May 12, 2009:

"For the info of all on this group, I replaced the 2SC2509 drivers in the amp module of a TS-430 with 2SC1945 transistors. The same drivers are used in the TS-850S. These have about the same specs as the 2509's and the correct pinout, i.e. BEC when looking from left to right on the TO-220 package. The case is the emitter.

The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are about $8 apiece from RF Parts.

Maybe I should put a note in the Files section?

73, Zack W9SZ"

I guess I never put the message in the Files section.
:-(

On Fri, Mar 26, 2010 at 6:26 AM, Andy G3UEQ <g3ueq@...> wrote:

>
>
> Hi
> For the first time ever after repairing many TS-430s over the years, I have
> one where the PA pre-drivers have failed due to bias regulator 2SD-880Y
> going s/c. The original 2SC2509's are like hens teeth, so checked out the
> 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3 emitter.
> However when I dismantled PA and removed the 2 drivers Q2 and Q3, I was
> surprised to find the centre pins earthed (collector) and bolted straight on
> to the heat sink.
> The markings on the 2SC2509's have FP written on them, some people say
> isolated tab but I think this just stands for Flate plate.
> Question: Were the 2SC509's for the 430 made with Emitter in the middle pin
> and tab, this would make sense. If I fit the 2SC1969's I am going to have to
> fit isolating washer and swap the connections. This is very strange.
> Andy G3UEQ
>
>
>

[Non-text portions of this message have been removed]

9097. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 14:41:08 UTC
From: Bob Naylor
Topic: 9030 Message: 9097

Bob, Did you ground the PC on the case or did you have to get inside and ground there?
Bob N WE6C

--- On Thu, 3/25/10, Bob AD5VJ <ad5vj@ad5vj.com> wrote:

From: Bob AD5VJ <ad5vj@...>
Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
To: TS-850_450_690@yahoogroups.com
Date: Thursday, March 25, 2010, 7:22 PM

Wanted everyone to know:

I finally resolved the RFI issue with the 850sat.

I had to end up grounding the computer to the same ground as all the other
equipment. After a generous ferrite treatment which resolved nothing but the
interference to my keyboard, I now have a final solution and am active again
on cw at full power out along with rtty and psk.

Thanks to everyone for the help and the file upload, that file helped me get
my thinking on track and once I had time to implement it methodically I was
able to fix the issue.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> 850_450_690@ yahoogroups. com] On Behalf Of Bob AD5VJ
> Sent: Monday, March 15, 2010 3:53 PM
> To: TS-850_450_690@ yahoogroups. com
> Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
>
> Got the file thanks readying it now. I am looking for one for station
> grounding now
>
> Wonder if there is one that might be a check all end all type paper
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > 850_450_690@ yahoogroups. com] On Behalf Of Bob AD5VJ
> > Sent: Monday, March 15, 2010 3:40 PM
> > To: TS-850_450_690@ yahoogroups. com
> > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> >
> > Hi Chuck

> >
> > Thanks for writing. Some really good ideas here. Please let me know
> > when you
> > get the file uploaded, I would very much be interested in reading it.
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > 850_450_690@ yahoogroups. com] On Behalf Of Chuck Goelz
> > > Sent: Sunday, March 14, 2010 11:10 PM
> > > To: TS-850_450_690@ yahoogroups. com
> > > Subject: Re: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > Bob,
> > >
> > > If you are interested in building your own serial interface, I
> would
> > > like to encourage you... I did -- twice. With great success and
> > > little effort. I started with the article written by K6XX on the
> > > topic. He describes interfaces from the simplest to the most
> robust,
> > > and explains how the chips in the computer and the radio handle the
> > > signals presented to them -- and why a perfect adherence to the RS-
> > 232
> > > spec is unnecessary. It's a great article that I got from the
> files
> > > section of the TS-440 yahoo group (I should upload it to this
> group's
> > > files section, too!).
> > >
> > > His simplest interface uses a zener diode and a resistor to
> condition
> > > the RS-232 level signal for the radio's TTL level interface...
> Then
> > he
> > > describes more sophisticated methods using opto-isolators. ..
> > >
> > > I decided to start with the simplest form, and add sophistication
> > only
> > > as required... Additions were never needed. I'm using the
> simplest
> > > form (diode and resistor) and it is flawless with my TS-440. Then
> > when
> > > I got my TS-450SAT, I found that it was still flawless. And after
> > > replacing my shack computer, it was still flawless. I just built a
> > > second one, so that I can control both the 440 and the 450...
> > > Flawless. With my DXLab software, I can even make the 440
> > > automatically follow the 450 when I twist the 450's VFO knob, or
> > press

> > > a mode button....
> > >
> > > I used a stereo patch cable as a source of dual-shielded cable to
> > carry
> > > TD and RD only. I don't even connect RTS and CTS... These
> Kenwoods
> > > don't care about that... I got the 6-pin DIN connectors from
> either
> > > Mouser or Jameco (can't remember at the moment which). They're
> > pretty
> > > cheap (as am I!).
> > >
> > > As for your RF problem, I'd like to suggest that you look into your
> > > station grounding and bonding. By "bonding", I'm referring to the
> > > connection of all "grounds" to each other. Your station should
> have
> > > all equipment connected to a common ground connection, and that
> > > connection should be connected to the same ground as the electric
> > > service equipment. If you have a ground rod (or rods) for your
> > > antennas and shack, then it NEEDS to be bonded back to the electric
> > > service ground as well... (I've heard some use the term "Equi-
> > > Potential-Plane"). The National Electric Code (from which all local
> > > building codes are derived) absolutely requires this! The NEC
> > > requirement for the size of the bonding conductor is a function of
> > the
> > > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> > was
> > > corrected on this issue some years ago. Old handbooks ('60s, '70s,
> > and
> > > at least into the '80s) used to show independent grounds...
> Believe
> > me
> > > when I tell you that multiple grounds that are not bonded are a
> > serious
> > > issue in terms of personal safety as well as equipment damage.
> > >
> > > One other note -- I don't rely on the power cord for grounding my
> > > computer. I use a ground connection at one of the screws securing
> > the
> > > power supply to the tower chassis connected to the station ground
> bus
> > > to ensure that the computer ground is the same as the radio
> ground...
> > >
> > >
> > > Please feel free to ask for help either on or off list if you wish.
> > >
> > > Cheers, and GL,
> > > Chuck WA3CEJ

> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: Bob AD5VJ
> > > To: TS-850_450_690@ yahoogroups. com
> > > Sent: Sunday, March 14, 2010 9:00 PM
> > > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > >
> > > >
> > > > Hi Zack
> > > >
> > > > I am starting to suspect the smt component level converter.
> > > >
> > > > I may very well just buy a different type or build one for myself
> > > > from the
> > > > MAX232 chips as you did.
> > > >
> > > > Please email me off list with any links or information on the one
> > > you
> > > > did,
> > > > since I know the design works.
> > > >
> > > > I could search it on Google, but may not find the same design
> > that
> > > I
> > > > know
> > > > you have used and that works - I don't want to reinvent the wheel
> > > on
> > > > this
> > > > one if at all possible
> > > >
> > > > Bob AD5VJ
> > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > > > 850_450_690@ yahoogroups. com] On Behalf Of Zack Widup
> > > > > Sent: Sunday, March 14, 2010 7:48 PM
> > > > > To: TS-850_450_690@ yahoogroups. com
> > > > > Subject: Re: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > > I built an interface using MAX232's in DIP cases. I have not
> > > had
> > > > > any
> > > > > trouble
> > > > > with computer interface RFI in the ham bands.
> > > > >
> > > > > I've noticed conputer RFI all over the place when listening in
> > > > the

> > > > LOWFER
> > > > bands (137, 185, 500 kHz) this winter without the computer
> > > connected to
> > > > the
> > > > rig and it's a little worse with the sound card connected to
> the
> > > rig.
> > > > So
> > > > it's difficult to decode WOLF, etc. with the computer on.
> > > >
> > > > But it might be this particular computer (Dell Optiplex GX270).
> I
> > > > haven't
> > > > tried it with a different computer yet.
> > > >
> > > > 73, Zack W9SZ
> > > >
> > > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@ad5vj. com>
> > wrote:
> > > >
> > > > >
> > > > > >
> > > > > > I have an interface and it has a level converter built into
> the
> > > db9
> > > > > > connector which is all smt type components, I am beginning to
> > > wonder
> > > > > if
> > > > > > they
> > > > > > might be subject to rf levels.
> > > > > >
> > > > > > Bob AD5VJ
> > > > > >
> > > > > >
> > > > > > > -----Original Message-----
> > > > > > > From: TS-850_450_690@ yahoogroups. com <TS-
> > > > 850_450_690% 40yahoogroups. com>[mailto:
> > > > > > TS-
> > > > > > > 850_450_690@ yahoogroups. com
> <850_450_690% 40yahoogroups. com>]
> > On
> > > > > Behalf
> > > > > > > Of ny1t
> > > > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > > > To: TS-850_450_690@ yahoogroups. com <TS-
> > > > 850_450_690% 40yahoogroups. com>
> > > > > > > Subject: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > > > >
> > > > > > > The TS-850 is not RS-232. You need a level converter.
> > > > > > >
> > > > > > >

> > > > > > http://tk5ep. free.fr/tech/ ts850/if232/ en/if232_ g.php
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------ --------- --------- ------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo<TS-
> > > > 850_450_690% 40YAHOOGROUPS. COMYahoo> !
> > > > > Groups Links
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------ --------- --------- ------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> > Links
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > ------------ --------- --------- ------
> > > >
> > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
> > > >
> > > >
> > > >
> > >
> > >
> > ------------ --------- --------- ------
> >
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
> >
> >
> >

>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9098. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 15:00:13 UTC
From: Bob AD5VJ
Topic: 9030 Message: 9098

This is going to be an unbelievable answer hihi

I took as a test a 6 inch test lead and with the alligator clips on each end simply clipped the test lead to the chassis on the back of the computer and then to the ground lead on the amp and it immediately stopped all the interference. I know this is unacceptable procedure but hey it worked.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Bob Naylor
> Sent: Friday, March 26, 2010 9:41 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
>
> Bob, Did you ground the PC on the case or did you have to get inside
> and ground there?
> Bob N WE6C
>
> --- On Thu, 3/25/10, Bob AD5VJ <ad5vj@...> wrote:
>
>
> From: Bob AD5VJ <ad5vj@...>
> Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, March 25, 2010, 7:22 PM
>
>
>
>
>
>
>
> Wanted everyone to know:
>
> I finally resolved the RFI issue with the 850sat.
>
> I had to end up grounding the computer to the same ground as all the
> other
> equipment. After a generous ferrite treatment which resolved nothing
> but the
> interference to my keyboard, I now have a final solution and am active
> again
> on cw at full power out along with rtty and psk.
>
> Thanks to everyone for the help and the file upload, that file helped

> me get
> my thinking on track and once I had time to implement it methodically I
> was
> able to fix the issue.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > 850_450_690@ yahoogroups. com] On Behalf Of Bob AD5VJ
> > Sent: Monday, March 15, 2010 3:53 PM
> > To: TS-850_450_690@ yahoogroups. com
> > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> >
> > Got the file thanks readying it now. I am looking for one for station
> > grounding now
> >
> > Wonder if there is one that might be a check all end all type paper
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > 850_450_690@ yahoogroups. com] On Behalf Of Bob AD5VJ
> > > Sent: Monday, March 15, 2010 3:40 PM
> > > To: TS-850_450_690@ yahoogroups. com
> > > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > >
> > > Hi Chuck
> > >
> > > Thanks for writing. Some really good ideas here. Please let me know
> > > when you
> > > get the file uploaded, I would very much be interested in reading
> it.
> > >
> > > Bob AD5VJ
> > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > > 850_450_690@ yahoogroups. com] On Behalf Of Chuck Goelz
> > > > Sent: Sunday, March 14, 2010 11:10 PM
> > > > To: TS-850_450_690@ yahoogroups. com
> > > > Subject: Re: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > > Bob,
> > > >
> > > > If you are interested in building your own serial interface, I
> > would
> > > > like to encourage you... I did -- twice. With great success and
> > > > little effort. I started with the article written by K6XX on the

> > > > topic. He describes interfaces from the simplest to the most
> > robust,
> > > > > and explains how the chips in the computer and the radio handle
> the
> > > > > signals presented to them -- and why a perfect adherence to the
> RS-
> > > > 232
> > > > > spec is unnecessary. It's a great article that I got from the
> > files
> > > > > section of the TS-440 yahoo group (I should upload it to this
> > group's
> > > > > files section, too!).
> > > > >
> > > > > His simplest interface uses a zener diode and a resistor to
> > condition
> > > > > the RS-232 level signal for the radio's TTL level interface...
> > Then
> > > > he
> > > > > describes more sophisticated methods using opto-isolators. ..
> > > > >
> > > > > I decided to start with the simplest form, and add sophistication
> > > > only
> > > > > as required... Additions were never needed. I'm using the
> > simplest
> > > > > form (diode and resistor) and it is flawless with my TS-440. Then
> > > > when
> > > > > I got my TS-450SAT, I found that it was still flawless. And after
> > > > > replacing my shack computer, it was still flawless. I just built
> a
> > > > > second one, so that I can control both the 440 and the 450...
> > > > > Flawless. With my DXLab software, I can even make the 440
> > > > > automatically follow the 450 when I twist the 450's VFO knob, or
> > > > press
> > > > > a mode button....
> > > > >
> > > > > I used a stereo patch cable as a source of dual-shielded cable to
> > > > carry
> > > > > TD and RD only. I don't even connect RTS and CTS... These
> > Kenwoods
> > > > > don't care about that... I got the 6-pin DIN connectors from
> > either
> > > > > Mouser or Jameco (can't remember at the moment which). They're
> > > > pretty
> > > > > cheap (as am I!).
> > > > >
> > > > > As for your RF problem, I'd like to suggest that you look into
> your
> > > > > station grounding and bonding. By "bonding", I'm referring to the
> > > > > connection of all "grounds" to each other. Your station should
> > have

> > > > all equipment connected to a common ground connection, and that
> > > > connection should be connected to the same ground as the electric
> > > > service equipment. If you have a ground rod (or rods) for your
> > > > antennas and shack, then it NEEDS to be bonded back to the
> electric
> > > > service ground as well... (I've heard some use the term "Equi-
> > > > Potential-Plane"). The National Electric Code (from which all
> local
> > > > building codes are derived) absolutely requires this! The NEC
> > > > requirement for the size of the bonding conductor is a function
> of
> > > the
> > > > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > > > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> > > was
> > > > corrected on this issue some years ago. Old handbooks ('60s,
> '70s,
> > > and
> > > > at least into the '80s) used to show independent grounds...
> > Believe
> > > me
> > > > when I tell you that multiple grounds that are not bonded are a
> > > serious
> > > > issue in terms of personal safety as well as equipment damage.
> > > >
> > > > One other note -- I don't rely on the power cord for grounding my
> > > > computer. I use a ground connection at one of the screws securing
> > > the
> > > > power supply to the tower chassis connected to the station ground
> > bus
> > > > to ensure that the computer ground is the same as the radio
> > ground...
> > > >
> > > >
> > > > Please feel free to ask for help either on or off list if you
> wish.
> > > >
> > > > Cheers, and GL,
> > > > Chuck WA3CEJ
> > > >
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: Bob AD5VJ
> > > > To: TS-850_450_690@ yahoogroups. com
> > > > Sent: Sunday, March 14, 2010 9:00 PM
> > > > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > >
> > > >

> > > > Hi Zack
> > > >
> > > > I am starting to suspect the smt component level converter.
> > > >
> > > > I may very well just buy a different type or build one for myself
> > > > from the
> > > > MAX232 chips as you did.
> > > >
> > > > Please email me off list with any links or information on the one
> > > you
> > > > did,
> > > > since I know the design works.
> > > >
> > > > I could search it on Google, but may not find the same design
> > that
> > > I
> > > > know
> > > > you have used and that works - I don't want to reinvent the wheel
> > > on
> > > > this
> > > > one if at all possible
> > > >
> > > > Bob AD5VJ
> > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > > > 850_450_690@ yahoogroups. com] On Behalf Of Zack Widup
> > > > > Sent: Sunday, March 14, 2010 7:48 PM
> > > > > To: TS-850_450_690@ yahoogroups. com
> > > > > Subject: Re: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > > I built an interface using MAX232's in DIP cases. I have not
> > had
> > > > any
> > > > > trouble
> > > > > with computer interface RFI in the ham bands.
> > > > >
> > > > > I've noticed conputer RFI all over the place when listening in
> > > the
> > > > > LOWFER
> > > > > bands (137, 185, 500 kHz) this winter without the computer
> > > > connected to
> > > > > the
> > > > > rig and it's a little worse with the sound card connected to
> > the
> > > > rig.
> > > > > So
> > > > > it's difficult to decode WOLF, etc. with the computer on.
> > > > >
> > > > > But it might be this particular computer (Dell Optiplex GX270).

> > I
> > > > > haven't
> > > > > tried it with a different computer yet.
> > > > >
> > > > > 73, Zack W9SZ
> > > > >
> > > > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@ad5vj. com>
> > > wrote:
> > > > >
> > > > > >
> > > > > >
> > > > > > I have an interface and it has a level converter built into
> > the
> > > > > db9
> > > > > > connector which is all smt type components, I am beginning to
> > > > wonder
> > > > > if
> > > > > > they
> > > > > > might be subject to rf levels.
> > > > > >
> > > > > > Bob AD5VJ
> > > > > >
> > > > > >
> > > > > > -----Original Message-----
> > > > > > From: TS-850_450_690@ yahoogroups. com <TS-
> > > > > 850_450_690% 40yahoogroups. com>[mailto:
> > > > > > TS-
> > > > > > 850_450_690@ yahoogroups. com
> > <850_450_690% 40yahoogroups. com>]
> > > > On
> > > > > Behalf
> > > > > > Of ny1t
> > > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > > To: TS-850_450_690@ yahoogroups. com <TS-
> > > > > 850_450_690% 40yahoogroups. com>
> > > > > > Subject: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > > >
> > > > > > The TS-850 is not RS-232. You need a level converter.
> > > > > >
> > > > > > http://tk5ep. free.fr/tech/ ts850/if232/ en/if232_ g.php
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------ --------- --------- ------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo<TS-
> > > > > 850_450_690% 40YAHOOGROUPS. COMYahoo> !
> > > > > > Groups Links
> > > > > >
> > > > > >

> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------ --------- --------- ------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> > > Links
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------ --------- --------- ------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> > Links
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > ------------ --------- --------- ------
> > > >
> > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> > Links
> > > >
> > > >
> > > >
> > >
> > >
> > > ------------ --------- --------- ------
> > >
> > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
> > >
> > >
> > >
> >

>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
>
>
>

9099. RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 15:18:40 UTC
From: Bob Naylor
Topic: 9030 Message: 9099

It worked so that's all that matters. I used to do drivability on corvettes and you wouldn't believe how many problems that were cured by repairing grounds! I know this wasn't a repair but it obviously was a needed ground. Hope to work you on 40cw someday.
Bob N WE6C

--- On Fri, 3/26/10, Bob AD5VJ <ad5vj@...> wrote:

From: Bob AD5VJ <ad5vj@...>
Subject: RE: [TS-850_450_690] Re: RFI WITH COMPUTER CONTROL
To: TS-850_450_690@yahoogroups.com
Date: Friday, March 26, 2010, 8:00 AM

This is going to be an unbelievable answer hihi

I took as a test a 6 inch test lead and with the alligator clips on each end simply clipped the test lead to the chassis on the back of the computer and then to the ground lead on the amp and it immediately stopped all the interference. I know this is unacceptable procedure but hey it worked.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> 850_450_690@ yahoogroups. com] On Behalf Of Bob Naylor
> Sent: Friday, March 26, 2010 9:41 AM
> To: TS-850_450_690@ yahoogroups. com
> Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
>
> Bob, Did you ground the PC on the case or did you have to get inside
> and ground there?
> Bob N WE6C
>
> --- On Thu, 3/25/10, Bob AD5VJ <ad5vj@ad5vj. com> wrote:
>
>
> From: Bob AD5VJ <ad5vj@ad5vj. com>
> Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> To: TS-850_450_690@ yahoogroups. com
> Date: Thursday, March 25, 2010, 7:22 PM
>
>
>
>
>
>
>
> Wanted everyone to know:

>
> I finally resolved the RFI issue with the 850sat.
>
> I had to end up grounding the computer to the same ground as all the
> other
> equipment. After a generous ferrite treatment which resolved nothing
> but the
> interference to my keyboard, I now have a final solution and am active
> again
> on cw at full power out along with rtty and psk.
>
> Thanks to everyone for the help and the file upload, that file helped
> me get
> my thinking on track and once I had time to implement it methodically I
> was
> able to fix the issue.
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > 850_450_690@ yahoogroups. com] On Behalf Of Bob AD5VJ
> > Sent: Monday, March 15, 2010 3:53 PM
> > To: TS-850_450_690@ yahoogroups. com
> > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > >
> > Got the file thanks readying it now. I am looking for one for station
> > grounding now
> > >
> > Wonder if there is one that might be a check all end all type paper
> > >
> > Bob AD5VJ
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > 850_450_690@ yahoogroups. com] On Behalf Of Bob AD5VJ
> > > Sent: Monday, March 15, 2010 3:40 PM
> > > To: TS-850_450_690@ yahoogroups. com
> > > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > Hi Chuck
> > > >
> > > Thanks for writing. Some really good ideas here. Please let me know
> > > when you
> > > get the file uploaded, I would very much be interested in reading
> it.
> > > >
> > > Bob AD5VJ
> > > >
> > > > -----Original Message-----

> > > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > > 850_450_690@ yahoogroups. com] On Behalf Of Chuck Goelz
> > > > Sent: Sunday, March 14, 2010 11:10 PM
> > > > To: TS-850_450_690@ yahoogroups. com
> > > > Subject: Re: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > Bob,
> > > > >
> > > > If you are interested in building your own serial interface, I
> > would
> > > > like to encourage you... I did -- twice. With great success and
> > > > little effort. I started with the article written by K6XX on the
> > > > topic. He describes interfaces from the simplest to the most
> > robust,
> > > > and explains how the chips in the computer and the radio handle
> the
> > > > signals presented to them -- and why a perfect adherence to the
> RS-
> > > 232
> > > > spec is unnecessary. It's a great article that I got from the
> > files
> > > > section of the TS-440 yahoo group (I should upload it to this
> > group's
> > > > files section, too!).
> > > > >
> > > > His simplest interface uses a zener diode and a resistor to
> > condition
> > > > the RS-232 level signal for the radio's TTL level interface...
> > Then
> > > he
> > > > describes more sophisticated methods using opto-isolators. ..
> > > > >
> > > > I decided to start with the simplest form, and add sophistication
> > > only
> > > > as required... Additions were never needed. I'm using the
> > simplest
> > > > form (diode and resistor) and it is flawless with my TS-440. Then
> > > when
> > > > I got my TS-450SAT, I found that it was still flawless. And after
> > > > replacing my shack computer, it was still flawless. I just built
> a
> > > > second one, so that I can control both the 440 and the 450...
> > > > Flawless. With my DXLab software, I can even make the 440
> > > > automatically follow the 450 when I twist the 450's VFO knob, or
> > > press
> > > > a mode button....
> > > > >
> > > > I used a stereo patch cable as a source of dual-shielded cable to
> > > carry
> > > > TD and RD only. I don't even connect RTS and CTS... These

> > Kenwoods
> > > > don't care about that... I got the 6-pin DIN connectors from
> > either
> > > > Mouser or Jameco (can't remember at the moment which). They're
> > > pretty
> > > > cheap (as am I!).
> > > >
> > > > As for your RF problem, I'd like to suggest that you look into
> your
> > > > station grounding and bonding. By "bonding", I'm referring to the
> > > > connection of all "grounds" to each other. Your station should
> > have
> > > > all equipment connected to a common ground connection, and that
> > > > connection should be connected to the same ground as the electric
> > > > service equipment. If you have a ground rod (or rods) for your
> > > > antennas and shack, then it NEEDS to be bonded back to the
> electric
> > > > service ground as well... (I've heard some use the term "Equi-
> > > > Potential-Plane"). The National Electric Code (from which all
> local
> > > > building codes are derived) absolutely requires this! The NEC
> > > > requirement for the size of the bonding conductor is a function
> of
> > > the
> > > > size (or "ampacity") of the electric service. E.g., for 200 Amp
> > > > service, a #4 AWG conductor is required... BTW, the ARRL handbook
> > > was
> > > > corrected on this issue some years ago. Old handbooks ('60s,
> '70s,
> > > and
> > > > at least into the '80s) used to show independent grounds...
> > Believe
> > > me
> > > > when I tell you that multiple grounds that are not bonded are a
> > > serious
> > > > issue in terms of personal safety as well as equipment damage.
> > > >
> > > > One other note -- I don't rely on the power cord for grounding my
> > > > computer. I use a ground connection at one of the screws securing
> > > the
> > > > power supply to the tower chassis connected to the station ground
> > bus
> > > > to ensure that the computer ground is the same as the radio
> > ground...
> > > >
> > > >
> > > > Please feel free to ask for help either on or off list if you
> wish.
> > > >
> > > > Cheers, and GL,

> > > > Chuck WA3CEJ
> > > >
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: Bob AD5VJ
> > > > To: TS-850_450_690@ yahoogroups. com
> > > > Sent: Sunday, March 14, 2010 9:00 PM
> > > > Subject: RE: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > >
> > > >
> > > >
> > > > Hi Zack
> > > >
> > > > I am starting to suspect the smt component level converter.
> > > >
> > > > I may very well just buy a different type or build one for myself
> > > > from the
> > > > MAX232 chips as you did.
> > > >
> > > > Please email me off list with any links or information on the one
> > > you
> > > > did,
> > > > since I know the design works.
> > > >
> > > > I could search it on Google, but may not find the same design
> > that
> > > I
> > > > know
> > > > you have used and that works - I don't want to reinvent the wheel
> > > on
> > > > this
> > > > one if at all possible
> > > >
> > > > Bob AD5VJ
> > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@ yahoogroups. com [mailto:TS-
> > > > > 850_450_690@ yahoogroups. com] On Behalf Of Zack Widup
> > > > > Sent: Sunday, March 14, 2010 7:48 PM
> > > > > To: TS-850_450_690@ yahoogroups. com
> > > > > Subject: Re: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > >
> > > > > I built an interface using MAX232's in DIP cases. I have not
> > had
> > > > any
> > > > > trouble
> > > > > with computer interface RFI in the ham bands.
> > > > >
> > > > > I've noticed conputer RFI all over the place when listening in

> > > the
> > > > > LOWFER
> > > > > bands (137, 185, 500 kHz) this winter without the computer
> > > > connected to
> > > > > the
> > > > > rig and it's a little worse with the sound card connected to
> > the
> > > > rig.
> > > > > So
> > > > > it's difficult to decode WOLF, etc. with the computer on.
> > > > >
> > > > > But it might be this particular computer (Dell Optiplex GX270).
> > I
> > > > > haven't
> > > > > tried it with a different computer yet.
> > > > >
> > > > > 73, Zack W9SZ
> > > > >
> > > > > On Sun, Mar 14, 2010 at 6:33 PM, Bob AD5VJ <ad5vj@ad5vj. com>
> > > wrote:
> > > > >
> > > > > >
> > > > > > >
> > > > > > > I have an interface and it has a level converter built into
> > the
> > > > db9
> > > > > > connector which is all smt type components, I am beginning to
> > > wonder
> > > > > if
> > > > > > they
> > > > > > might be subject to rf levels.
> > > > > >
> > > > > > Bob AD5VJ
> > > > > >
> > > > > >
> > > > > > > -----Original Message-----
> > > > > > > From: TS-850_450_690@ yahoogroups. com <TS-
> > > > > 850_450_690% 40yahoogroups. com>[mailto:
> > > > > > TS-
> > > > > > > 850_450_690@ yahoogroups. com
> > <850_450_690% 40yahoogroups. com>]
> > > > On
> > > > > > Behalf
> > > > > > > Of ny1t
> > > > > > > Sent: Sunday, March 14, 2010 4:38 AM
> > > > > > > To: TS-850_450_690@ yahoogroups. com <TS-
> > > > > 850_450_690% 40yahoogroups. com>
> > > > > > > Subject: [TS-850_450_ 690] Re: RFI WITH COMPUTER CONTROL
> > > > > > >
> > > > > > > The TS-850 is not RS-232. You need a level converter.

> > > > > > >
> > > > > > > > http://tk5ep. free.fr/tech/ ts850/if232/ en/if232_ g.php
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > ------------ --------- --------- ------
> > > > > > > >
> > > > > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo<TS-
> > > > > > 850_450_690% 40YAHOOGROUPS. COMYahoo> !
> > > > > > > Groups Links
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > ------------ --------- --------- ------
> > > > > > >
> > > > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> > > Links
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------ --------- --------- ------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> Links
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > ------------ --------- --------- ------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups
> Links

> > >
> > >
> > >
> >
> >
> > ------------ --------- --------- ------
> >
> > THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
> >
> >
> >
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9100. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 15:39:59 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 9100

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /2SC2509_replacement.pdf
Uploaded by : w9sz <w9sz.zack@...>
Description : 2SC2509 replacement in amp modules TS-430, 440, 850 etc.

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/2SC2509_replacement.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

w9sz <w9sz.zack@...>

9101. Re: [TS-850_450_690] going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 15:42:52 UTC
From: Zack Widup
Topic: 9095 Message: 9101

I just uploaded a file to the group's Files section on the substitute
transistor for the 2SC2509.

73, Zack W9SZ

On Fri, Mar 26, 2010 at 7:41 AM, Zack Widup <w9sz.zack@...> wrote:

> I repaired a similar radio for someone about a year ago. Here's a message I
> sent to this group on May 12, 2009:
>
> "For the info of all on this group, I replaced the 2SC2509 drivers in the
> amp module of a TS-430 with 2SC1945 transistors. The same drivers are used
> in the TS-850S. These have about the same specs as the 2509's and the
> correct pinout, i.e. BEC when looking from left to right on the TO-220
> package. The case is the emitter.
>
> The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are
> about $8 apiece from RF Parts.
>
> Maybe I should put a note in the Files section?
>
> 73, Zack W9SZ"
>
> I guess I never put the message in the Files section.
> :-(
>
>
>
>
> On Fri, Mar 26, 2010 at 6:26 AM, Andy G3UEQ <g3ueq@...> wrote:
>
>>
>>
>> Hi
>> For the first time ever after repairing many TS-430s over the years, I
>> have one where the PA pre-drivers have failed due to bias regulator 2SD-880Y
>> going s/c. The original 2SC2509's are like hens teeth, so checked out the
>> 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3 emitter.
>> However when I dismantled PA and removed the 2 drivers Q2 and Q3, I was
>> surprised to find the centre pins earthed (collector) and bolted straight on
>> to the heat sink.
>> The markings on the 2SC2509's have FP written on them, some people say
>> isolated tab but I think this just stands for Flate plate.
>> Question: Were the 2SC509's for the 430 made with Emitter in the middle
>> pin and tab, this would make sense. If I fit the 2SC1969's I am going to
>> have to fit isolating washer and swap the connections. This is very strange.

>> Andy G3UEQ
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

9102. Strange behaviour on TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-26 18:18:26 UTC
From: Patrick Egloff
Topic: 9102 Message: 9102

Hi all,

This afternoon, i had a strange behaviour on one of my TS850s...
The RX sounded like it was a bit deaf.... the RX audio level went down.
The VOL control did not work as usual. At minimum i still had some audio.

The beep when key were pressed was much higher than usualy.

I finaly tried a RESET which worked but did not bring anything except
that i had a noise coming out of the speaker, which faded out after a
few seconds.

Later in the afternoon, everything came back to life...

Any guess ?

73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

9103. RE: [TS-850_450_690] going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 12:33:28 UTC
From: Andy Hearn
Topic: 9095 Message: 9103

Zack
Very many thanks, just found two in the UK for the same price, funny how the data sheet for the 2SC2509 shows ebc.
73
Andy G3UEQ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Zack Widup
Sent: 26 March 2010 15:43
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] going mad with ts430 pa

I just uploaded a file to the group's Files section on the substitute transistor for the 2SC2509.

73, Zack W9SZ

On Fri, Mar 26, 2010 at 7:41 AM, Zack Widup <w9sz.zack@...> wrote:

> I repaired a similar radio for someone about a year ago. Here's a message
I
> sent to this group on May 12, 2009:
>
> "For the info of all on this group, I replaced the 2SC2509 drivers in the
> amp module of a TS-430 with 2SC1945 transistors. The same drivers are used
> in the TS-850S. These have about the same specs as the 2509's and the
> correct pinout, i.e. BEC when looking from left to right on the TO-220
> package. The case is the emitter.
>
> The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are
> about $8 apiece from RF Parts.
>
> Maybe I should put a note in the Files section?
>
> 73, Zack W9SZ"
>
> I guess I never put the message in the Files section.
> :-(
>
>
>
>
> On Fri, Mar 26, 2010 at 6:26 AM, Andy G3UEQ <g3ueq@...> wrote:
>
>>

>>
>> Hi
>> For the first time ever after repairing many TS-430s over the years, I
>> have one where the PA pre-drivers have failed due to bias regulator
2SD-880Y
>> going s/c. The original 2SC2509's are like hens teeth, so checked out the
>> 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3 emitter.
>> However when I dismantled PA and removed the 2 drivers Q2 and Q3, I was
>> surprised to find the centre pins earthed (collector) and bolted straight
on
>> to the heat sink.
>> The markings on the 2SC2509's have FP written on them, some people say
>> isolated tab but I think this just stands for Flate plate.
>> Question: Were the 2SC509's for the 430 made with Emitter in the middle
>> pin and tab, this would make sense. If I fit the 2SC1969's I am going to
>> have to fit isolating washer and swap the connections. This is very
strange.
>> Andy G3UEQ
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9104. Re: [TS-850_450_690] going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 13:00:17 UTC
From: Zack Widup
Topic: 9095 Message: 9104

Hi Addy,

Yes, I suspect those were specially made for Kenwood.
73, Zack W9SZ

On Sat, Mar 27, 2010 at 6:33 AM, Andy Hearn <g3ueq@...> wrote:

>
>
> Zack
> Very many thanks, just found two in the UK for the same price, funny how
> the
> data sheet for the 2SC2509 shows ebc.
> 73
> Andy G3UEQ
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Zack Widup
> Sent: 26 March 2010 15:43
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] going mad with ts430 pa
>
> I just uploaded a file to the group's Files section on the substitute
> transistor for the 2SC2509.
>
> 73, Zack W9SZ
>
> On Fri, Mar 26, 2010 at 7:41 AM, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> wrote:
>
> > I repaired a similar radio for someone about a year ago. Here's a message
> I
> > sent to this group on May 12, 2009:
> >
> > "For the info of all on this group, I replaced the 2SC2509 drivers in the
> > amp module of a TS-430 with 2SC1945 transistors. The same drivers are
> used
> > in the TS-850S. These have about the same specs as the 2509's and the
> > correct pinout, i.e. BEC when looking from left to right on the TO-220
> > package. The case is the emitter.
> >
> > The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are
> > about $8 apiece from RF Parts.

> >
> > Maybe I should put a note in the Files section?
> >
> > 73, Zack W9SZ"
> >
> > I guess I never put the message in the Files section.
> > :-(
> >
> >
> >
> >
> > On Fri, Mar 26, 2010 at 6:26 AM, Andy G3UEQ <g3ueq@...<g3ueq%40talktalk.net>>
> wrote:
> >
> >>
> >>
> >> Hi
> >> For the first time ever after repairing many TS-430s over the years, I
> >> have one where the PA pre-drivers have failed due to bias regulator
> 2SD-880Y
> >> going s/c. The original 2SC2509's are like hens teeth, so checked out
> the
> >> 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3
> emitter.
> >> However when I dismantled PA and removed the 2 drivers Q2 and Q3, I was
> >> surprised to find the centre pins earthed (collector) and bolted
> straight
> on
> >> to the heat sink.
> >> The markings on the 2SC2509's have FP written on them, some people say
> >> isolated tab but I think this just stands for Flate plate.
> >> Question: Were the 2SC509's for the 430 made with Emitter in the middle
> >> pin and tab, this would make sense. If I fit the 2SC1969's I am going to
> >> have to fit isolating washer and swap the connections. This is very
> strange.
> >> Andy G3UEQ
> >>
> >>
> >>
> >
> >
> >
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...o<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>

>

[Non-text portions of this message have been removed]

9105. Re: [TS-850_450_690] going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 13:20:39 UTC
From: Zack Widup
Topic: 9095 Message: 9105

Whoops, sorry - "Andy". Phat Phingers and no coffee yet.
:-)

On Sat, Mar 27, 2010 at 7:00 AM, Zack Widup <w9sz.zack@...> wrote:

> Hi Addy,
>
> Yes, I suspect those were specially made for Kenwood.
> 73, Zack W9SZ
>
>
> On Sat, Mar 27, 2010 at 6:33 AM, Andy Hearn <g3ueq@...> wrote:
>
>>
>>
>> Zack
>> Very many thanks, just found two in the UK for the same price, funny how
>> the
>> data sheet for the 2SC2509 shows ebc.
>> 73
>> Andy G3UEQ
>>
>>
>> -----Original Message-----
>> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
>> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]
>> On Behalf Of Zack Widup
>> Sent: 26 March 2010 15:43
>> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
>> Subject: Re: [TS-850_450_690] going mad with ts430 pa
>>
>> I just uploaded a file to the group's Files section on the substitute
>> transistor for the 2SC2509.
>>
>> 73, Zack W9SZ
>>
>> On Fri, Mar 26, 2010 at 7:41 AM, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
>> wrote:
>>
>> > I repaired a similar radio for someone about a year ago. Here's a
>> message
>> I
>> > sent to this group on May 12, 2009:
>> >
>> > "For the info of all on this group, I replaced the 2SC2509 drivers in

>> the
>> > amp module of a TS-430 with 2SC1945 transistors. The same drivers are
>> used
>> > in the TS-850S. These have about the same specs as the 2509's and the
>> > correct pinout, i.e. BEC when looking from left to right on the TO-220
>> > package. The case is the emitter.
>> >
>> > The 2SC1945 seems to be an adequate substitute for the 2SC2509. They are
>> > about $8 apiece from RF Parts.
>> >
>> > Maybe I should put a note in the Files section?
>> >
>> > 73, Zack W9SZ"
>> >
>> > I guess I never put the message in the Files section.
>> > :-(
>> >
>> >
>> >
>> >
>> > On Fri, Mar 26, 2010 at 6:26 AM, Andy G3UEQ <g3ueq@...<g3ueq%40talktalk.net>>
>> wrote:
>> >
>> >>
>> >>
>> >> Hi
>> >> For the first time ever after repairing many TS-430s over the years, I
>> >> have one where the PA pre-drivers have failed due to bias regulator
>> 2SD-880Y
>> >> going s/c. The original 2SC2509's are like hens teeth, so checked out
>> the
>> >> 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3
>> emitter.
>> >> However when I dismantled PA and removed the 2 drivers Q2 and Q3, I was
>> >> surprised to find the centre pins earthed (collector) and bolted
>> straight
>> on
>> >> to the heat sink.
>> >> The markings on the 2SC2509's have FP written on them, some people say
>> >> isolated tab but I think this just stands for Flate plate.
>> >> Question: Were the 2SC509's for the 430 made with Emitter in the middle
>> >> pin and tab, this would make sense. If I fit the 2SC1969's I am going
>> to
>> >> have to fit isolating washer and swap the connections. This is very
>> strange.
>> >> Andy G3UEQ
>> >>
>> >>
>> >>
>> >

>> >
>>
>> [Non-text portions of this message have been removed]
>>
>> ------------------------------------
>>
>> THANKS FOR USING
TS-850_450_690@YAHOOGROUPS.COMYahoo<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>> Groups Links
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

9106. Switching diodes in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 21:34:44 UTC
From: Ole Nykjær
Topic: 9106 Message: 9106

Hi

I need to replace some of the switching diodes in my TS-850 (blew some up around the RF-unit BPF's while testing a newly acuired, but old SB-200, which "backfired").

Can anybody help with data on RLS135 and MI204? - so I can find substitutes. Guess a 1N4148 will work, but there are surely better candidates.

73
Ole OZ2OE

[Non-text portions of this message have been removed]

9107. RE: [TS-850_450_690] going mad with ts430 pa

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 22:20:47 UTC
From: Andy Hearn
Topic: 9095 Message: 9107

Zack

I do that a lot (;((
Yes, re transistor, I was coming to the same conclusion it was a special !
73 Andy G3UEQ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Zack Widup
Sent: 27 March 2010 13:21
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] going mad with ts430 pa

Whoops, sorry - "Andy". Phat Phingers and no coffee yet.
:-)

On Sat, Mar 27, 2010 at 7:00 AM, Zack Widup <w9sz.zack@...> wrote:

> Hi Addy,
>
> Yes, I suspect those were specially made for Kenwood.
> 73, Zack W9SZ
>
>
> On Sat, Mar 27, 2010 at 6:33 AM, Andy Hearn <g3ueq@...> wrote:
>
>>
>>
>> Zack
>> Very many thanks, just found two in the UK for the same price, funny how
>> the
>> data sheet for the 2SC2509 shows ebc.
>> 73
>> Andy G3UEQ
>>
>>
>> -----Original Message-----
>> From: TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com>[mailto:
>> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]
>> On Behalf Of Zack Widup
>> Sent: 26 March 2010 15:43
>> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
>> Subject: Re: [TS-850_450_690] going mad with ts430 pa
>>
>> I just uploaded a file to the group's Files section on the substitute

>> transistor for the 2SC2509.
>>
>> 73, Zack W9SZ
>>
>> On Fri, Mar 26, 2010 at 7:41 AM, Zack Widup
<w9sz.zack@...<w9sz.zack%40gmail.com>>
>> wrote:
>>
>> > I repaired a similar radio for someone about a year ago. Here's a
>> message
>> I
>> > sent to this group on May 12, 2009:
>> >
>> > "For the info of all on this group, I replaced the 2SC2509 drivers in
>> the
>> > amp module of a TS-430 with 2SC1945 transistors. The same drivers are
>> used
>> > in the TS-850S. These have about the same specs as the 2509's and the
>> > correct pinout, i.e. BEC when looking from left to right on the TO-220
>> > package. The case is the emitter.
>> >
>> > The 2SC1945 seems to be an adequate substitute for the 2SC2509. They
are
>> > about $8 apiece from RF Parts.
>> >
>> > Maybe I should put a note in the Files section?
>> >
>> > 73, Zack W9SZ"
>> >
>> > I guess I never put the message in the Files section.
>> > :-(
>> >
>> >
>> >
>> >
>> > On Fri, Mar 26, 2010 at 6:26 AM, Andy G3UEQ
<g3ueq@...<g3ueq%40talktalk.net>>
>> wrote:
>> >
>> >>
>> >>
>> >> Hi
>> >> For the first time ever after repairing many TS-430s over the years, I
>> >> have one where the PA pre-drivers have failed due to bias regulator
>> 2SD-880Y
>> >> going s/c. The original 2SC2509's are like hens teeth, so checked out
>> the
>> >> 2SC1969. Data sheets for both give pin 1 base, 2 collector and 3
>> emitter.
>> >> However when I dismantled PA and removed the 2 drivers Q2 and Q3, I

was
>> >> surprised to find the centre pins earthed (collector) and bolted
>> straight
>> on
>> >> to the heat sink.
>> >> The markings on the 2SC2509's have FP written on them, some people say
>> >> isolated tab but I think this just stands for Flate plate.
>> >> Question: Were the 2SC509's for the 430 made with Emitter in the
middle
>> >> pin and tab, this would make sense. If I fit the 2SC1969's I am going
>> to
>> >> have to fit isolating washer and swap the connections. This is very
>> strange.
>> >> Andy G3UEQ
>> >>
>> >>
>> >>
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>> ------------------------------------
>>
>> THANKS FOR USING
TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>> Groups Links
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9108. Re: [TS-850_450_690] Switching diodes in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 22:24:06 UTC
From: Dave ve3wej
Topic: 9106 Message: 9108

mi204 are available from kenwoodparts.com i imagine the others might be as well

----- Original Message -----
From: "Ole Nykj?r" <ole@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 27, 2010 5:34 PM
Subject: [TS-850_450_690] Switching diodes in TS-850

> Hi
>
> I need to replace some of the switching diodes in my TS-850 (blew some up
> around the RF-unit BPF's while testing a newly acuired, but old SB-200,
> which "backfired").
>
> Can anybody help with data on RLS135 and MI204? - so I can find
> substitutes. Guess a 1N4148 will work, but there are surely better
> candidates.
>
> 73
> Ole OZ2OE
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9109. TS-850 low power on 20 to 10 meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-27 23:34:28 UTC
From: Stein Roar LA6FJA-K3RAG
Topic: 9106 Message: 9109

Hi

my TS-850 have no output on 20 to 10 meter.. max 45 w on 20m..

It gives 100 watt ok for 160 80 60 40 30 meter.

anyone have experienced this?

73 LA6FJA

[Non-text portions of this message have been removed]

9110. TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-28 16:02:18 UTC
From: Jim Baumann
Topic: 2579 Message: 9110

i guess your swr is acceptable on 20 thru 10. radio will cut back with non resonate antenna. im sure you know this but just in case. 73 ab9na2000 good luck jim

9112. Re: [TS-850_450_690] TS-850 low power on 20 to 10 meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-28 16:15:46 UTC
From: Zack Widup
Topic: 9106 Message: 9112

Is that into a dummy load or into an antenna?

73, Zack W9SZ

On Sat, Mar 27, 2010 at 5:34 PM, Stein Roar LA6FJA-K3RAG
<s-roabr@...>wrote:

>
>
> Hi
>
> my TS-850 have no output on 20 to 10 meter.. max 45 w on 20m..
>
> It gives 100 watt ok for 160 80 60 40 30 meter.
>
> anyone have experienced this?
>
> 73 LA6FJA
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9113. Re: TS-850 low power on 20 to 10 meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-28 18:15:43 UTC
From: John
Topic: 9106 Message: 9113

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Is that into a dummy load or into an antenna?
>
> 73, Zack W9SZ
>
> On Sat, Mar 27, 2010 at 5:34 PM, Stein Roar LA6FJA-K3RAG
> <s-roabr@...>wrote:
>
> > >
> > >
> > > Hi
> > >
> > > my TS-850 have no output on 20 to 10 meter.. max 45 w on 20m..
> > >
> > > It gives 100 watt ok for 160 80 60 40 30 meter.
> > >
> > > anyone have experienced this?
> > >
> > > 73 LA6FJA
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
>

Hi, I had similar problems with an 850,on 20mts through to 10mts the output power would decrease and would be no output on 10mts, I checked the the voltages on IC1(BCD DECIMAL DECODER) on the RF UNIT and all was not the same on the service manual i changed the IC and now the output power is 100% on all bands, i must say a big thanks to Cliff@avvid for his expertise and guidence to resolving this problem.

MM3CBO
John

9114. RE: [TS-850_450_690] 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 03:40:32 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9114

Hi all

I must say I had my doubts about my new to me TS-850SAT when I first got it in the shack. I said: "Too small, no filters, no dual watch, no scope, no roofing filter, etc", I said to myself: "I don't know how they ever called this a "contest radio".

Well, I just finished CQWW WPX Contest single operator all bands.
(I had to know abt the rig)
Total: 1059 Prefixes = 514 Total Score = 1,318,410

My first EVER - over 1 million points out of all the rigs I have owned- using this rig and it performed flawlessly and was effortless and was untiring to use.

I would recommend this radio to anyone for any Ham Adventure.

I thought about selling this one BUT NOW:
I am going to get two and gang them together.

Bob AD5VJ

9115. Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 06:17:03 UTC
From: ah6rr1
Topic: 9106 Message: 9115

Aloha Bob,
First of all thanks for the contact and multi you gave me on 20. I have been using my 850 for over 5 years and about 20 or so contests and the only thing I have had a problem with has been the DC/DC converter board. I have installed the Inrad Roofing filter mod and it does make a difference on a crowded band along with the 2.1 Khz Inrad filters in both IF's. I worked as a Single-OP Assist. on 20 Meters and established a new record for both Oceanina & Hawaii in that catagory :-).

Band QSOs Pts WPX
14 400 1160 244
14 509 1487 230
Total 909 2647 474
Score: 1,254,678
I ran out of people I have not worked on 20 about 1 and a half hours before the end. I also got 2 full nights of sleep too hi hi.

Enjoy the Workhorse/Great Radio that is the TS-850S.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
>
> Hi all
>
> I must say I had my doubts about my new to me TS-850SAT when I first got it
> in the shack. I said: "Too small, no filters, no dual watch, no scope, no
> roofing filter, etc", I said to myself: "I don't know how they ever called
> this a "contest radio".
>
> Well, I just finished CQWW WPX Contest single operator all bands.
> (I had to know abt the rig)
> Total: 1059 Prefixes = 514 Total Score = 1,318,410
>
> My first EVER - over 1 million points out of all the rigs I have owned-
> using this rig and it performed flawlessly and was effortless and was
> untiring to use.
>
> I would recommend this radio to anyone for any Ham Adventure.
>
> I thought about selling this one BUT NOW:
> I am going to get two and gang them together.
>
> Bob AD5VJ
>

9116. Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 10:46:52 UTC
From: eagle one
Topic: 9065 Message: 9116

I have checked the squelsh and all the knobs, but nothing seems to work and the signal meter fluctuates. I am at a lost.

Hanafi

--- On Sat, 3/20/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM
To: TS-850_450_690@yahoogroups.com
Date: Saturday, March 20, 2010, 9:21 PM

Is the s meter flucuating, or staying at a steady reading.... maybe rf gain turned down, which causes leds to rise, and could be above reception level.

check to see if rf is fully clockwise

Dave Garber
VE3WEJ
----- Original Message -----
From: "eagle one" <foxbat_alpha@ yahoo.com>
To: <TS-850_450_690@ yahoogroups. com>
Sent: Saturday, March 20, 2010 5:17 AM
Subject: [TS-850_450_ 690] KENWOOD TS 570S AUDIO PROBLEM

> Hello everybody. I do not know if this is the right plase to forward this
> question.I have a TS 570swhich does not have audio output either through
> thre built-in speaker ,external speaker nor through the head phone. I know
> it receives signal as the LCD S meter indicates so. Any suggestion is
> appreciated. Thank you and 73
>
> de 9W2TZ HANAFI
>
>
>
>
>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9117. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 13:08:44 UTC
From: Zack Widup
Topic: 9106 Message: 9117

I've been meaning to ask this - does the roofing filter reduce the quality
of the audio of broadcast stations?

One thing I've liked about the TS-850 is the superb audio quality of AM
broadcast BCB and shortwave stations in the 6 and 12 kHz positions.

73, Zack W9SZ

On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:

>
>
> Aloha Bob,
> First of all thanks for the contact and multi you gave me on 20. I have
> been using my 850 for over 5 years and about 20 or so contests and the only
> thing I have had a problem with has been the DC/DC converter board. I have
> installed the Inrad Roofing filter mod and it does make a difference on a
> crowded band along with the 2.1 Khz Inrad filters in both IF's. I worked as
> a Single-OP Assist. on 20 Meters and established a new record for both
> Oceanina & Hawaii in that catagory :-).
>
> Band QSOs Pts WPX
> 14 400 1160 244
> 14 509 1487 230
> Total 909 2647 474
> Score: 1,254,678
> I ran out of people I have not worked on 20 about 1 and a half hours before
> the end. I also got 2 full nights of sleep too hi hi.
>
> Enjoy the Workhorse/Great Radio that is the TS-850S.
>
> Roland AH6RR
>
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Bob AD5VJ" <ad5vj@...> wrote:
> >
> > Hi all
> >
> > I must say I had my doubts about my new to me TS-850SAT when I first got
> it
> > in the shack. I said: "Too small, no filters, no dual watch, no scope, no
> > roofing filter, etc", I said to myself: "I don't know how they ever
> called
> > this a "contest radio".

> >
> > Well, I just finished CQWW WPX Contest single operator all bands.
> > (I had to know abt the rig)
> > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> >
> > My first EVER - over 1 million points out of all the rigs I have owned-
> > using this rig and it performed flawlessly and was effortless and was
> > untiring to use.
> >
> > I would recommend this radio to anyone for any Ham Adventure.
> >
> > I thought about selling this one BUT NOW:
> > I am going to get two and gang them together.
> >
> > Bob AD5VJ
> >
>
>
>

[Non-text portions of this message have been removed]

9118. Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 14:27:06 UTC
From: avvidclif
Topic: 9106 Message: 9118

It kills it. The stock roofing filter (yes it has one) is 20 KHz wide. The Inrad replacement is 4-6 KHz per their ad and is a peak, not flat-topped. Go to their website and look at the ad.

Clif

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I've been meaning to ask this - does the roofing filter reduce the quality
> of the audio of broadcast stations?
>
> One thing I've liked about the TS-850 is the superb audio quality of AM
> broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
>
> 73, Zack W9SZ
>
> On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:
>
> > >
> > >
> > > Aloha Bob,
> > > First of all thanks for the contact and multi you gave me on 20. I have
> > > been using my 850 for over 5 years and about 20 or so contests and the only
> > > thing I have had a problem with has been the DC/DC converter board. I have
> > > installed the Inrad Roofing filter mod and it does make a difference on a
> > > crowded band along with the 2.1 Khz Inrad filters in both IF's. I worked as
> > > a Single-OP Assist. on 20 Meters and established a new record for both
> > > Oceanina & Hawaii in that catagory :-).
> > >
> > > Band QSOs Pts WPX
> > > 14 400 1160 244
> > > 14 509 1487 230
> > > Total 909 2647 474
> > > Score: 1,254,678
> > > I ran out of people I have not worked on 20 about 1 and a half hours before
> > > the end. I also got 2 full nights of sleep too hi hi.
> > >
> > > Enjoy the Workhorse/Great Radio that is the TS-850S.
> > >
> > > Roland AH6RR
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > > "Bob AD5VJ" <ad5vj@> wrote:

> > >
> > > Hi all
> > >
> > > I must say I had my doubts about my new to me TS-850SAT when I first got
> > it
> > > in the shack. I said: "Too small, no filters, no dual watch, no scope, no
> > > roofing filter, etc", I said to myself: "I don't know how they ever
> > called
> > > this a "contest radio".
> > >
> > > Well, I just finished CQWW WPX Contest single operator all bands.
> > > (I had to know abt the rig)
> > > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> > >
> > > My first EVER - over 1 million points out of all the rigs I have owned-
> > > using this rig and it performed flawlessly and was effortless and was
> > > untiring to use.
> > >
> > > I would recommend this radio to anyone for any Ham Adventure.
> > >
> > > I thought about selling this one BUT NOW:
> > > I am going to get two and gang them together.
> > >
> > > Bob AD5VJ
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9119. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 15:15:24 UTC
From: Zack Widup
Topic: 9106 Message: 9119

OK thanks Clif. That was what I've been afraid of.

I've found the TS-850 to be an excellent contesting radio with the stock roofing filter in it anyway. Since I do a lot of receiving in the whole spectrum it covers, I think I won't get the Inrad roofing filter mod. I did the mod to remove the broadcast band attenuator when I first got the radio and have had no problems with overloading from BCB stations.

73, Zack W9SZ

On Mon, Mar 29, 2010 at 8:27 AM, avvidclif <clif@...> wrote:

>
>
> It kills it. The stock roofing filter (yes it has one) is 20 KHz wide. The
> Inrad replacement is 4-6 KHz per their ad and is a peak, not flat-topped. Go
> to their website and look at the ad.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:
> >
> > I've been meaning to ask this - does the roofing filter reduce the
> quality
> > of the audio of broadcast stations?
> >
> > One thing I've liked about the TS-850 is the superb audio quality of AM
> > broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:
> >
> > >
> > >
> > > Aloha Bob,
> > > First of all thanks for the contact and multi you gave me on 20. I have
> > > been using my 850 for over 5 years and about 20 or so contests and the
> only
> > > thing I have had a problem with has been the DC/DC converter board. I
> have
> > > installed the Inrad Roofing filter mod and it does make a difference on
> a
> > > crowded band along with the 2.1 Khz Inrad filters in both IF's. I

> worked as
> > > a Single-OP Assist. on 20 Meters and established a new record for both
> > > Oceanina & Hawaii in that catagory :-).
> > >
> > > Band QSOs Pts WPX
> > > 14 400 1160 244
> > > 14 509 1487 230
> > > Total 909 2647 474
> > > Score: 1,254,678
> > > I ran out of people I have not worked on 20 about 1 and a half hours
> before
> > > the end. I also got 2 full nights of sleep too hi hi.
> > >
> > > Enjoy the Workhorse/Great Radio that is the TS-850S.
> > >
> > > Roland AH6RR
> > >
> > >
> > >
> > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>,
>
> > > "Bob AD5VJ" <ad5vj@> wrote:
> > > >
> > > > Hi all
> > > >
> > > > I must say I had my doubts about my new to me TS-850SAT when I first
> got
> > > it
> > > > in the shack. I said: "Too small, no filters, no dual watch, no
> scope, no
> > > > roofing filter, etc", I said to myself: "I don't know how they ever
> > > called
> > > > this a "contest radio".
> > > >
> > > > Well, I just finished CQWW WPX Contest single operator all bands.
> > > > (I had to know abt the rig)
> > > > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> > > >
> > > > My first EVER - over 1 million points out of all the rigs I have
> owned-
> > > > using this rig and it performed flawlessly and was effortless and was
> > > > untiring to use.
> > > >
> > > > I would recommend this radio to anyone for any Ham Adventure.
> > > >
> > > > I thought about selling this one BUT NOW:
> > > > I am going to get two and gang them together.
> > > >

> > > > Bob AD5VJ
> > > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

9120. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 16:20:14 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9120

Hi Roland

Thanks for the reply and the contact. I was really surprised at the performance I had an FT-100MP MKV and thought it was good until I used the 850sat in this contest.

I am just glad people have thought of it as an old antiquated radio, as a result, the prices are well within having two of them which with the performance of this radio after strapping them together I believe will put me in the FT1000D category or better. I am really excited

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of ah6rr1
> Sent: Monday, March 29, 2010 1:17 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: 850 contest quality still
>
> Aloha Bob,
> First of all thanks for the contact and multi you gave me on 20. I
> have been using my 850 for over 5 years and about 20 or so contests and
> the only thing I have had a problem with has been the DC/DC converter
> board. I have installed the Inrad Roofing filter mod and it does make a
> difference on a crowded band along with the 2.1 Khz Inrad filters in
> both IF's. I worked as a Single-OP Assist. on 20 Meters and established
> a new record for both Oceanina & Hawaii in that catagory :-).
>
> Band QSOs Pts WPX
> 14 400 1160 244
> 14 509 1487 230
> Total 909 2647 474
> Score: 1,254,678
> I ran out of people I have not worked on 20 about 1 and a half hours
> before the end. I also got 2 full nights of sleep too hi hi.
>
> Enjoy the Workhorse/Great Radio that is the TS-850S.
>
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
> >
> > Hi all
> >

> > I must say I had my doubts about my new to me TS-850SAT when I first
> got it
> > in the shack. I said: "Too small, no filters, no dual watch, no
> scope, no
> > roofing filter, etc", I said to myself: "I don't know how they ever
> called
> > this a "contest radio".
> >
> > Well, I just finished CQWW WPX Contest single operator all bands.
> > (I had to know abt the rig)
> > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> >
> > My first EVER - over 1 million points out of all the rigs I have
> owned-
> > using this rig and it performed flawlessly and was effortless and was
> > untiring to use.
> >
> > I would recommend this radio to anyone for any Ham Adventure.
> >
> > I thought about selling this one BUT NOW:
> > I am going to get two and gang them together.
> >
> > Bob AD5VJ
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9121. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 16:28:28 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9121

Hi Zack

Hey at the prices of this radio. Get you one for BC and two for contesting
hihi

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of avvidclif
> Sent: Monday, March 29, 2010 9:27 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: 850 contest quality still
>
> It kills it. The stock roofing filter (yes it has one) is 20 KHz wide.
> The Inrad replacement is 4-6 KHz per their ad and is a peak, not flat-
> topped. Go to their website and look at the ad.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...>
> wrote:
> >
> > I've been meaning to ask this - does the roofing filter reduce the
> quality
> > of the audio of broadcast stations?
> >
> > One thing I've liked about the TS-850 is the superb audio quality of
> AM
> > broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:
> >
> > >
> > >
> > > Aloha Bob,
> > > First of all thanks for the contact and multi you gave me on 20. I
> have
> > > been using my 850 for over 5 years and about 20 or so contests and
> the only
> > > thing I have had a problem with has been the DC/DC converter board.
> I have
> > > installed the Inrad Roofing filter mod and it does make a
> difference on a

> > > crowded band along with the 2.1 Khz Inrad filters in both IF's. I
> worked as
> > > a Single-OP Assist. on 20 Meters and established a new record for
> both
> > > Oceanina & Hawaii in that catagory :-).
> > >
> > > Band QSOs Pts WPX
> > > 14 400 1160 244
> > > 14 509 1487 230
> > > Total 909 2647 474
> > > Score: 1,254,678
> > > I ran out of people I have not worked on 20 about 1 and a half
> hours before
> > > the end. I also got 2 full nights of sleep too hi hi.
> > >
> > > Enjoy the Workhorse/Great Radio that is the TS-850S.
> > >
> > > Roland AH6RR
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com <TS-
> 850_450_690%40yahoogroups.com>,
> > > "Bob AD5VJ" <ad5vj@> wrote:
> > > >
> > > > Hi all
> > > >
> > > > I must say I had my doubts about my new to me TS-850SAT when I
> first got
> > > it
> > > > in the shack. I said: "Too small, no filters, no dual watch, no
> scope, no
> > > > roofing filter, etc", I said to myself: "I don't know how they
> ever
> > > called
> > > > this a "contest radio".
> > > >
> > > > Well, I just finished CQWW WPX Contest single operator all bands.
> > > > (I had to know abt the rig)
> > > > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> > > >
> > > > My first EVER - over 1 million points out of all the rigs I have
> owned-
> > > > using this rig and it performed flawlessly and was effortless and
> was
> > > > untiring to use.
> > > >
> > > > I would recommend this radio to anyone for any Ham Adventure.
> > > >
> > > > I thought about selling this one BUT NOW:

> > > > I am going to get two and gang them together.
> > > >
> > > > Bob AD5VJ
> > > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9122. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 15:28:56 UTC
From: Crownhaven
Topic: 9106 Message: 9122

Wow.....that would be an understatement Clif......

Steve, N4JQQ

avvidclif wrote:
>
> It kills it. The stock roofing filter (yes it has one) is 20 KHz wide.
> The Inrad replacement is 4-6 KHz per their ad and is a peak, not
> flat-topped. Go to their website and look at the ad.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Zack Widup <w9sz.zack@...>
> wrote:
> >
> > I've been meaning to ask this - does the roofing filter reduce the
> quality
> > of the audio of broadcast stations?
> >
> > One thing I've liked about the TS-850 is the superb audio quality of AM
> > broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:
> >
> > >
> > >
> > > Aloha Bob,
> > > First of all thanks for the contact and multi you gave me on 20. I
> have
> > > been using my 850 for over 5 years and about 20 or so contests and
> the only
> > > thing I have had a problem with has been the DC/DC converter
> board. I have
> > > installed the Inrad Roofing filter mod and it does make a
> difference on a
> > > crowded band along with the 2.1 Khz Inrad filters in both IF's. I
> worked as
> > > a Single-OP Assist. on 20 Meters and established a new record for both
> > > Oceanina & Hawaii in that catagory :-).
> > >
> > > Band QSOs Pts WPX
> > > 14 400 1160 244

> > > 14 509 1487 230
> > > Total 909 2647 474
> > > Score: 1,254,678
> > > I ran out of people I have not worked on 20 about 1 and a half
> hours before
> > > the end. I also got 2 full nights of sleep too hi hi.
> > >
> > > Enjoy the Workhorse/Great Radio that is the TS-850S.
> > >
> > > Roland AH6RR
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com>,
> > > "Bob AD5VJ" <ad5vj@> wrote:
> > > >
> > > > Hi all
> > > >
> > > > I must say I had my doubts about my new to me TS-850SAT when I
> first got
> > > it
> > > > in the shack. I said: "Too small, no filters, no dual watch, no
> scope, no
> > > > roofing filter, etc", I said to myself: "I don't know how they ever
> > > called
> > > > this a "contest radio".
> > > >
> > > > Well, I just finished CQWW WPX Contest single operator all bands.
> > > > (I had to know abt the rig)
> > > > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> > > >
> > > > My first EVER - over 1 million points out of all the rigs I have
> owned-
> > > > using this rig and it performed flawlessly and was effortless
> and was
> > > > untiring to use.
> > > >
> > > > I would recommend this radio to anyone for any Ham Adventure.
> > > >
> > > > I thought about selling this one BUT NOW:
> > > > I am going to get two and gang them together.
> > > >
> > > > Bob AD5VJ
> > > >
> > >
> > >
> > >
> >

> >
> > [Non-text portions of this message have been removed]
> >
>
>

9123. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 17:03:27 UTC
From: Zack Widup
Topic: 9106 Message: 9123

I've thought of that!

They also make excellent IF rigs for VHF. A few years ago someone on eHam had two 850's for sale that he had modified. He removed the amp stage and heatsink from each and installed a transverter in the space to make them into 50 and 144 MHz radios. I think he only wanted $650 for each. I should've bought them.
73, Zack W9SZ

On Mon, Mar 29, 2010 at 10:28 AM, Bob AD5VJ <ad5vj@...> wrote:

>
>
> Hi Zack
>
> Hey at the prices of this radio. Get you one for BC and two for contesting
> hihi
>
> Bob AD5VJ
>
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-
> > 850_450_690@yahoogroups.com <850_450_690%40yahoogroups.com>] On Behalf
> Of avvidclif
> > Sent: Monday, March 29, 2010 9:27 AM
> > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > Subject: [TS-850_450_690] Re: 850 contest quality still
> >
> > It kills it. The stock roofing filter (yes it has one) is 20 KHz wide.
> > The Inrad replacement is 4-6 KHz per their ad and is a peak, not flat-
> > topped. Go to their website and look at the ad.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...>
> > wrote:
> > >
> > > I've been meaning to ask this - does the roofing filter reduce the
> > quality
> > > of the audio of broadcast stations?
> > >
> > > One thing I've liked about the TS-850 is the superb audio quality of
> > AM

> > > broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:
> > >
> > > >
> > > >
> > > > Aloha Bob,
> > > > First of all thanks for the contact and multi you gave me on 20. I
> > have
> > > > been using my 850 for over 5 years and about 20 or so contests and
> > the only
> > > > thing I have had a problem with has been the DC/DC converter board.
> > I have
> > > > installed the Inrad Roofing filter mod and it does make a
> > difference on a
> > > > crowded band along with the 2.1 Khz Inrad filters in both IF's. I
> > worked as
> > > > a Single-OP Assist. on 20 Meters and established a new record for
> > both
> > > > Oceanina & Hawaii in that catagory :-).
> > > >
> > > > Band QSOs Pts WPX
> > > > 14 400 1160 244
> > > > 14 509 1487 230
> > > > Total 909 2647 474
> > > > Score: 1,254,678
> > > > I ran out of people I have not worked on 20 about 1 and a half
> > hours before
> > > > the end. I also got 2 full nights of sleep too hi hi.
> > > >
> > > > Enjoy the Workhorse/Great Radio that is the TS-850S.
> > > >
> > > > Roland AH6RR
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-
> > 850_450_690%40yahoogroups.com>,
> > > > "Bob AD5VJ" <ad5vj@> wrote:
> > > > >
> > > > > Hi all
> > > > >
> > > > > I must say I had my doubts about my new to me TS-850SAT when I
> > first got
> > > > it
> > > > > in the shack. I said: "Too small, no filters, no dual watch, no
> > scope, no
> > > > > roofing filter, etc", I said to myself: "I don't know how they

> > ever
> > > > called
> > > > > this a "contest radio".
> > > > >
> > > > > Well, I just finished CQWW WPX Contest single operator all bands.
> > > > > (I had to know abt the rig)
> > > > > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> > > > >
> > > > > My first EVER - over 1 million points out of all the rigs I have
> > owned-
> > > > > using this rig and it performed flawlessly and was effortless and
> > was
> > > > > untiring to use.
> > > > >
> > > > > I would recommend this radio to anyone for any Ham Adventure.
> > > > >
> > > > > I thought about selling this one BUT NOW:
> > > > > I am going to get two and gang them together.
> > > > >
> > > > > Bob AD5VJ
> > > > >
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

9124. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 17:08:22 UTC
From: Jordan
Topic: 9106 Message: 9124

The add-on roofing filter will also prevent using the IF output port to a wide-band I/Q device such as PL-Pan or feeding the IF to a wide-band SDR...73...Jordan...

----- Original Message -----
From: "Zack Widup" <w9sz.zack@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 29, 2010 9:15 AM
Subject: Re: [TS-850_450_690] Re: 850 contest quality still

> OK thanks Clif. That was what I've been afraid of.
>
> I've found the TS-850 to be an excellent contesting radio with the stock
> roofing filter in it anyway. Since I do a lot of receiving in the whole
> spectrum it covers, I think I won't get the Inrad roofing filter mod. I
> did
> the mod to remove the broadcast band attenuator when I first got the radio
> and have had no problems with overloading from BCB stations.
>
> 73, Zack W9SZ
>
> On Mon, Mar 29, 2010 at 8:27 AM, avvidclif <clif@...> wrote:
>
>>
>>
>> It kills it. The stock roofing filter (yes it has one) is 20 KHz wide.
>> The
>> Inrad replacement is 4-6 KHz per their ad and is a peak, not flat-topped.
>> Go
>> to their website and look at the ad.
>>
>> Clif
>>
>>
>> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
>> Zack Widup <w9sz.zack@...> wrote:
>> >
>> > I've been meaning to ask this - does the roofing filter reduce the
>> quality
>> > of the audio of broadcast stations?
>> >
>> > One thing I've liked about the TS-850 is the superb audio quality of AM
>> > broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
>> >
>> > 73, Zack W9SZ

>> >
>> > On Mon, Mar 29, 2010 at 12:17 AM, ah6rr1 <Toesonnose@...> wrote:
>> >
>> > >
>> > >
>> > > Aloha Bob,
>> > > First of all thanks for the contact and multi you gave me on 20. I
>> > > have
>> > > been using my 850 for over 5 years and about 20 or so contests and
>> > > the
>> only
>> > > thing I have had a problem with has been the DC/DC converter board. I
>> have
>> > > installed the Inrad Roofing filter mod and it does make a difference
>> > > on
>> a
>> > > crowded band along with the 2.1 Khz Inrad filters in both IF's. I
>> worked as
>> > > a Single-OP Assist. on 20 Meters and established a new record for
>> > > both
>> > > Oceanina & Hawaii in that catagory :-).
>> > >
>> > > Band QSOs Pts WPX
>> > > 14 400 1160 244
>> > > 14 509 1487 230
>> > > Total 909 2647 474
>> > > Score: 1,254,678
>> > > I ran out of people I have not worked on 20 about 1 and a half hours
>> before
>> > > the end. I also got 2 full nights of sleep too hi hi.
>> > >
>> > > Enjoy the Workhorse/Great Radio that is the TS-850S.
>> > >
>> > > Roland AH6RR
>> > >
>> > >
>> > >
>> > > --- In
>> > > TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
>> 40yahoogroups.com>,
>>
>> > > "Bob AD5VJ" <ad5vj@> wrote:
>> > > >
>> > > > Hi all
>> > > >
>> > > > I must say I had my doubts about my new to me TS-850SAT when I
>> > > > first
>> got
>> > > it
>> > > > in the shack. I said: "Too small, no filters, no dual watch, no

>> scope, no
>> > > > roofing filter, etc", I said to myself: "I don't know how they ever
>> > > called
>> > > > this a "contest radio".
>> > > >
>> > > > Well, I just finished CQWW WPX Contest single operator all bands.
>> > > > (I had to know abt the rig)
>> > > > Total: 1059 Prefixes = 514 Total Score = 1,318,410
>> > > >
>> > > > My first EVER - over 1 million points out of all the rigs I have
>> owned-
>> > > > using this rig and it performed flawlessly and was effortless and
>> > > > was
>> > > > untiring to use.
>> > > >
>> > > > I would recommend this radio to anyone for any Ham Adventure.
>> > > >
>> > > > I thought about selling this one BUT NOW:
>> > > > I am going to get two and gang them together.
>> > > >
>> > > > Bob AD5VJ
>> > > >
>> > >
>> > >
>> > >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9125. Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 17:54:30 UTC
From: villy.madsen
Topic: 9106 Message: 9125

Yeah!

That occurred to me too... darn, I wanted to eat my cake & have it TOO!!

73

Villy
ve6sq

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> The add-on roofing filter will also prevent using the IF output port to a
> wide-band I/Q device such as PL-Pan or feeding the IF to a wide-band
> SDR...73...Jordan...

9126. Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 19:35:39 UTC
From: kb1kox
Topic: 9106 Message: 9126

Bob,

Your spoiling it for the rest of us
looking for "spare 850's" ... ;)
Shhhhhhhhhh !!!! before everyone else
finds out!!! :)
73

Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
>
> Hi all
>
> I must say I had my doubts about my new to me TS-850SAT when I first got it
> in the shack. I said: "Too small, no filters, no dual watch, no scope, no
> roofing filter, etc", I said to myself: "I don't know how they ever called
> this a "contest radio".
>
> Well, I just finished CQWW WPX Contest single operator all bands.
> (I had to know abt the rig)
> Total: 1059 Prefixes = 514 Total Score = 1,318,410
>
> My first EVER - over 1 million points out of all the rigs I have owned-
> using this rig and it performed flawlessly and was effortless and was
> untiring to use.
>
> I would recommend this radio to anyone for any Ham Adventure.
>
> I thought about selling this one BUT NOW:
> I am going to get two and gang them together.
>
> Bob AD5VJ
>

9127. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 19:42:18 UTC
From: Jordan
Topic: 9106 Message: 9127

Hi Villy...good to see a local KW fanatic....I'm waiting for the 8.83Mhz LP-Pan in the mail ...I have to build an tap/buffer/amp board to the 450S, my 850S has one already..hihi...73...Jordan VE6ZT DO21xb

----- Original Message -----
From: villy.madsen
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 29, 2010 11:54 AM
Subject: [TS-850_450_690] Re: 850 contest quality still

Yeah!

That occurred to me too... darn, I wanted to eat my cake & have it TOO!!

73

Villy
ve6sq

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> The add-on roofing filter will also prevent using the IF output port to a
> wide-band I/Q device such as PL-Pan or feeding the IF to a wide-band
> SDR...73...Jordan...

[Non-text portions of this message have been removed]

9128. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 19:58:25 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9128

I know you're kidding, but I actually thought of that and your right. This
is one of the best kept secrets as it turns out that I have ever found

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of kb1kox
> Sent: Monday, March 29, 2010 2:36 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: 850 contest quality still
>
>
>
> Bob,
>
> Your spoiling it for the rest of us
> looking for "spare 850's" ... ;)
> Shhhhhhhhhh !!!! before everyone else
> finds out!!! :)
> 73
>
> Neil
> AE1P
>
> --- In TS-850_450_690@yahoogroups.com, "Bob AD5VJ" <ad5vj@...> wrote:
> >
> > Hi all
> >
> > I must say I had my doubts about my new to me TS-850SAT when I first
> got it
> > in the shack. I said: "Too small, no filters, no dual watch, no
> scope, no
> > roofing filter, etc", I said to myself: "I don't know how they ever
> called
> > this a "contest radio".
> >
> > Well, I just finished CQWW WPX Contest single operator all bands.
> > (I had to know abt the rig)
> > Total: 1059 Prefixes = 514 Total Score = 1,318,410
> >
> > My first EVER - over 1 million points out of all the rigs I have
> owned-
> > using this rig and it performed flawlessly and was effortless and was
> > untiring to use.

> >
> > I would recommend this radio to anyone for any Ham Adventure.
> >
> > I thought about selling this one BUT NOW:
> > I am going to get two and gang them together.
> >
> > Bob AD5VJ
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9129. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 20:01:03 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9129

Tell me something abt the LP if you get the narrow filters for 455k for cw
does it only show the portion of the band you have filtered out or does it
show what the 8 MHz IF is filtered for?

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Jordan
> Sent: Monday, March 29, 2010 2:42 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: 850 contest quality still
>
> Hi Villy...good to see a local KW fanatic....I'm waiting for the
> 8.83Mhz LP-Pan in the mail ...I have to build an tap/buffer/amp board
> to the 450S, my 850S has one already..hihi...73...Jordan VE6ZT DO21xb
>
> ----- Original Message -----
> From: villy.madsen
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, March 29, 2010 11:54 AM
> Subject: [TS-850_450_690] Re: 850 contest quality still
>
>
>
> Yeah!
>
> That occurred to me too... darn, I wanted to eat my cake & have it
> TOO!!
>
> 73
>
> Villy
> ve6sq
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...>
> wrote:
> >
> > The add-on roofing filter will also prevent using the IF output
> port to a
> > wide-band I/Q device such as PL-Pan or feeding the IF to a wide-
> band
> > SDR...73...Jordan...
>
>

>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9130. Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 20:15:09 UTC
From: Dave ve3wej
Topic: 9065 Message: 9130

what about an extension speaker, does it work, no?? then suspect audio
circuits

----- Original Message -----
From: "eagle one" <foxbat_alpha@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 29, 2010 6:46 AM
Subject: Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

I have checked the squelsh and all the knobs, but nothing seems to work and
the signal meter fluctuates. I am at a lost.

Hanafi

--- On Sat, 3/20/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM
To: TS-850_450_690@yahoogroups.com
Date: Saturday, March 20, 2010, 9:21 PM

Is the s meter flucuating, or staying at a steady reading.... maybe rf
gain turned down, which causes leds to rise, and could be above reception
level.

check to see if rf is fully clockwise

Dave Garber
VE3WEJ
----- Original Message -----
From: "eagle one" <foxbat_alpha@ yahoo.com>
To: <TS-850_450_690@ yahoogroups. com>
Sent: Saturday, March 20, 2010 5:17 AM
Subject: [TS-850_450_ 690] KENWOOD TS 570S AUDIO PROBLEM

> Hello everybody. I do not know if this is the right plase to forward this
> question.I have a TS 570swhich does not have audio output either through
> thre built-in speaker ,external speaker nor through the head phone. I know
> it receives signal as the LCD S meter indicates so. Any suggestion is
> appreciated. Thank you and 73
>
> de 9W2TZ HANAFI
>
>
>
>
>

>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9131. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 20:16:03 UTC
From: WW3S
Topic: 9106 Message: 9131

it's the if freq....

On 3/29/2010 4:01:03 PM, Bob AD5VJ (ad5vj@...) wrote:
> Tell me something abt the LP if you get the narrow filters for 455k for
> cw
> does it only show the portion of the band you have filtered out or does
> it
> show what the 8 MHz IF is filtered for?
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Jordan
> > Sent: Monday, March 29, 2010 2:42 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Re: 850 contest quality still
> >
> > Hi Villy...good to see a local KW fanatic....I'm waiting for the
> > 8.83Mhz LP-Pan in the mail ...I have to build an tap/buffer/amp board
> > to the 450S, my 850S has one already..hihi...73...Jordan VE6ZT DO21xb
> >
> > ----- Original Message -----
> > From: villy.madsen
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, March 29, 2010 11:54 AM
> > Subject: [TS-850_450_690] Re: 850 contest quality still
> >
> >
> >
> > Yeah!
> >
> > That occurred to me too... darn, I wanted to eat my cake & have it
> > TOO!!
> >
> > 73
> >
> > Villy
> > ve6sq
> >

9132. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 21:04:52 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9132

Wow that's better than I thought so I can open the 8 mhz IF and see 8mhz of band while on the LP while filtering the 455 for 1.8 or 250 and hearing a much smaller portion of the band.

Now that is cool

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of WW3S
> Sent: Monday, March 29, 2010 3:16 PM
> To: ts-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: 850 contest quality still
>
> it's the if freq....
>
> On 3/29/2010 4:01:03 PM, Bob AD5VJ (ad5vj@...) wrote:
> > Tell me something abt the LP if you get the narrow filters for 455k
> for
> > cw
> > does it only show the portion of the band you have filtered out or
> does
> > it
> > show what the 8 MHz IF is filtered for?
> >
> > Bob AD5VJ
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > 850_450_690@yahoogroups.com] On Behalf Of Jordan
> > > Sent: Monday, March 29, 2010 2:42 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Re: 850 contest quality still
> > >
> > > Hi Villy...good to see a local KW fanatic....I'm waiting for the
> > > 8.83Mhz LP-Pan in the mail ...I have to build an tap/buffer/amp
> board
> > > to the 450S, my 850S has one already..hihi...73...Jordan VE6ZT
> DO21xb
> > >
> > > ----- Original Message -----
> > > From: villy.madsen
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Monday, March 29, 2010 11:54 AM
> > > Subject: [TS-850_450_690] Re: 850 contest quality still

> > >
> > >
> > >
> > > Yeah!
> > >
> > > That occurred to me too... darn, I wanted to eat my cake & have
> it
> > > TOO!!
> > >
> > > 73
> > >
> > > Villy
> > > ve6sq
> > >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9133. Re: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-29 21:09:53 UTC
From: Jordan
Topic: 9106 Message: 9133

Actually, when I connected the IF output from my 850s to my Flex-5000A tuned to 8.830Mhz, I saw a balanced display with good sensitivity across the 192Khz passband, but there was some obvious ripple due to impedance problems with the Flex RF input...There is no RF filtering outside of the ham bands with the Flex, so the input impedance varies widely from 50ohms....73...Jordan....

----- Original Message -----
From: WW3S
To: ts-850_450_690@yahoogroups.com
Sent: Monday, March 29, 2010 2:16 PM
Subject: RE: [TS-850_450_690] Re: 850 contest quality still

it's the if freq....

On 3/29/2010 4:01:03 PM, Bob AD5VJ (ad5vj@...) wrote:
> Tell me something abt the LP if you get the narrow filters for 455k for
> cw
> does it only show the portion of the band you have filtered out or does
> it
> show what the 8 MHz IF is filtered for?
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of Jordan
> > Sent: Monday, March 29, 2010 2:42 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Re: 850 contest quality still
> >
> > Hi Villy...good to see a local KW fanatic....I'm waiting for the
> > 8.83Mhz LP-Pan in the mail ...I have to build an tap/buffer/amp board
> > to the 450S, my 850S has one already..hihi...73...Jordan VE6ZT DO21xb
> >
> > ----- Original Message -----
> > From: villy.madsen
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, March 29, 2010 11:54 AM
> > Subject: [TS-850_450_690] Re: 850 contest quality still
> >
> >
> >
> >
> > Yeah!
> >
> > That occurred to me too... darn, I wanted to eat my cake & have it
> > TOO!!

> >
> > 73
> >
> > Villy
> > ve6sq
> >

[Non-text portions of this message have been removed]

9134. RE: [TS-850_450_690] Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-30 03:01:08 UTC
From: Bob AD5VJ
Topic: 9106 Message: 9134

I just noticed an swr problem that seems to have developed on 15 meters on any antenna I put the rig on if it is on 15. That really scared me so, I hooked the rig up to a dummy load just now and it is just fine so it isn't the rig.

I then remembered that the swr on the other antennas on 15 wasn't good anyway only on the tribander Hornet beam. So the beam must have developed a problem using the amp during the contest and I didn't notice it until now.

Well, the good news is I have a TH-6DX waiting to go up to replace it anyway. Now if I can only find some help around the Fort Worth area to help me get the TH-6DX in the air I am good to go.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of Bob AD5VJ
> Sent: Monday, March 29, 2010 4:05 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Re: 850 contest quality still
>
> Wow that's better than I thought so I can open the 8 mhz IF and see
> 8mhz of
> band while on the LP while filtering the 455 for 1.8 or 250 and hearing
> a
> much smaller portion of the band.
>
> Now that is cool
>
> Bob AD5VJ
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of WW3S
> > Sent: Monday, March 29, 2010 3:16 PM
> > To: ts-850_450_690@yahoogroups.com
> > Subject: RE: [TS-850_450_690] Re: 850 contest quality still
> >
> > it's the if freq....
> >
> > On 3/29/2010 4:01:03 PM, Bob AD5VJ (ad5vj@...) wrote:
> > > Tell me something abt the LP if you get the narrow filters for 455k
> > for
> > > cw
> > > does it only show the portion of the band you have filtered out or

> > does
> > > it
> > > show what the 8 MHz IF is filtered for?
> > >
> > > Bob AD5VJ
> > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > > > 850_450_690@yahoogroups.com] On Behalf Of Jordan
> > > > Sent: Monday, March 29, 2010 2:42 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Re: 850 contest quality still
> > > >
> > > > Hi Villy...good to see a local KW fanatic....I'm waiting for the
> > > > 8.83Mhz LP-Pan in the mail ...I have to build an tap/buffer/amp
> > board
> > > > to the 450S, my 850S has one already..hihi...73...Jordan VE6ZT
> > DO21xb
> > > >
> > > > ----- Original Message -----
> > > > From: villy.madsen
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Monday, March 29, 2010 11:54 AM
> > > > Subject: [TS-850_450_690] Re: 850 contest quality still
> > > >
> > > >
> > > >
> > > > Yeah!
> > > >
> > > > That occurred to me too... darn, I wanted to eat my cake & have
> > it
> > > > TOO!!
> > > >
> > > > 73
> > > >
> > > > Villy
> > > > ve6sq
> > > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > >
> > >
> > >
> >
> >
> > ------------------------------------

>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9135. 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-30 13:50:35 UTC
From: Anthony W. DePrato
Topic: 9106 Message: 9135

>I had retired both of my 850sat's some time back and was using
>the 870s's . well i had to send my 870 off to get it fixed and got
>the 850 out and back in line. also got one of my 950sd's hooked back
>up. man what i had been missing. still have a 950 in the factory box
>. now what to do as i need to sell some of them. going to keep the
>850 that is for sure guess either the 870 or one of the 950s will
>have to go along with a bunch of old Hallicrafters and Johnson
>receivers and transmitters.. tired of walking around all of them hi
>hi... too band Kenwood is not making a radio that will come close to
>the 850/950 team

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

9136. TS-850 Items For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-30 22:11:48 UTC
From: kc8hxo
Topic: 9136 Message: 9136

Greetings fellow TS-850 afficianados! I have recently sold mine, and have an RM-1, as well as ORIGINAL Owners AND Service manuals for sale. Easiest thing to do is look here at QTH.com classifieds. If the ad is there, I still have the item.

http://swap.qth.com/search-results.php?keywords=kc8hxo&fieldtosearch=call

Thanks!

73-
Greg, KC8HXO

9137. Re: [TS-850_450_690] 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-31 01:51:41 UTC
From: Tom Osborne
Topic: 9106 Message: 9137

tired of walking around all of them hi
>>hi... too band Kenwood is not making a radio that will come close to
>>the 850/950 team

Hi Tony

Any radios you get tired of looking at, you can just send them to me and
I'll keep an eye on them for you :-) 73
Tom W7WHY

9138. Re: [TS-850_450_690] 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-31 02:51:37 UTC
From: Chuck Goelz
Topic: 9106 Message: 9138

Tony,

Don't bother sending the unwanted radios to Tom... Because I'll even pay the shipping to help you get rid of those old things that you keep tripping over... Because I am THAT generous!

Cheers,
Chuck WA3CEJ

----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 30, 2010 9:50 AM
Subject: [TS-850_450_690] 850 contest quality still

>I had retired both of my 850sat's some time back and was using
>the 870s's . well i had to send my 870 off to get it fixed and got
>the 850 out and back in line. also got one of my 950sd's hooked back
>up. man what i had been missing. still have a 950 in the factory box
>. now what to do as i need to sell some of them. going to keep the
>850 that is for sure guess either the 870 or one of the 950s will
>have to go along with a bunch of old Hallicrafters and Johnson
>receivers and transmitters.. tired of walking around all of them hi
>hi... too band Kenwood is not making a radio that will come close to
>the 850/950 team

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9139. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-31 03:05:54 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 9139

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /850 Filters/TS850_vs_Inrad_Roofing_Filter.GIF
Uploaded by : bswadener <bswadener@...>
Description : TS850 versus Inrad Roofing Filter

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/850%20Filters/TS850_vs_Inrad_Roofing_Filter.GIF

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

bswadener <bswadener@...>

9140. Re: 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-31 03:10:36 UTC
From: Bryan
Topic: 9106 Message: 9140

For everyone's enjoyment, I just added a GIF to the '850 Filters' folder in the Files section. It shows the difference in response between the stock filter and the Inrad unit.

73,
Bryan WA7PRC

Clif wrote:
>
> It kills it. The stock roofing filter (yes it has one) is 20 KHz wide. The Inrad replacement is 4-6 KHz per their ad and is a peak, not flat-topped. Go to their website and look at the ad.
>
> Clif
>
> Zack W9SZ wrote:
> >
> > I've been meaning to ask this - does the roofing filter reduce the quality
> > of the audio of broadcast stations?
> >
> > One thing I've liked about the TS-850 is the superb audio quality of AM
> > broadcast BCB and shortwave stations in the 6 and 12 kHz positions.
> >
> > 73, Zack W9SZ

9141. RE: [TS-850_450_690] 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-31 02:55:53 UTC
From: Martin Bluhm
Topic: 9106 Message: 9141

Tony,
Shucks, let me fill up the gas tank on the Blazer and I'm on my way. <grin>
73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Chuck Goelz
Sent: Wednesday, March 31, 2010 02:52
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] 850 contest quality still

Tony,

Don't bother sending the unwanted radios to Tom... Because I'll even pay the shipping to help you get rid of those old things that you keep tripping over... Because I am THAT generous!

Cheers,
Chuck WA3CEJ

----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Sent: Tuesday, March 30, 2010 9:50 AM
Subject: [TS-850_450_690] 850 contest quality still

>I had retired both of my 850sat's some time back and was using
>the 870s's . well i had to send my 870 off to get it fixed and got
>the 850 out and back in line. also got one of my 950sd's hooked back
>up. man what i had been missing. still have a 950 in the factory box
>. now what to do as i need to sell some of them. going to keep the
>850 that is for sure guess either the 870 or one of the 950s will
>have to go along with a bunch of old Hallicrafters and Johnson
>receivers and transmitters.. tired of walking around all of them hi
>hi... too band Kenwood is not making a radio that will come close to
>the 850/950 team

73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346

A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS
WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9142. RE: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-03-31 04:04:40 UTC
From: Bob AD5VJ
Topic: 421 Message: 9142

There is nothing in the drawing telling which is which filter but I am
assuming that the more narrow skirted one is the INRAD.

Bob AD5VJ

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com]
> Sent: Tuesday, March 30, 2010 10:06 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] New file uploaded to TS-850_450_690
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the TS-850_450_690
> group.
>
> File : /850 Filters/TS850_vs_Inrad_Roofing_Filter.GIF
> Uploaded by : bswadener <bswadener@...>
> Description : TS850 versus Inrad Roofing Filter
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/TS-
> 850_450_690/files/850%20Filters/TS850_vs_Inrad_Roofing_Filter.GIF
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.
> htmlfiles
>
> Regards,
>
> bswadener <bswadener@...>
>
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

>

9143. RE: [TS-850_450_690] 850 contest quality still

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-01 14:42:58 UTC
From: Anthony W. DePrato
Topic: 9106 Message: 9143

At 10:55 PM 3/30/2010, you wrote:
>Tony,
>Shucks, let me fill up the gas tank on the Blazer and I'm on my way. <grin>
>73
>Marty
>W8AKS

ok guys the race to KY is on just have to see who gets here
first Tom, Chuck , Marty, or ?
LOTS of transmitters receivers swr units converters test gear scopes
ect.. DEATH RACE 2010 in on the way hihi..
73 Tony

>-----Original Message-----
>From: TS-850_450_690@yahoogroups.com
>[mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Chuck Goelz
>Sent: Wednesday, March 31, 2010 02:52
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] 850 contest quality still
>
>
>Tony,
>
>Don't bother sending the unwanted radios to Tom... Because I'll even pay the
>shipping to help you get rid of those old things that you keep tripping
>over... Because I am THAT generous!
>
>Cheers,
>Chuck WA3CEJ
>
>----- Original Message -----
>From: Anthony W. DePrato
>To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
>Sent: Tuesday, March 30, 2010 9:50 AM
>Subject: [TS-850_450_690] 850 contest quality still
>
> >I had retired both of my 850sat's some time back and was using
> >the 870s's . well i had to send my 870 off to get it fixed and got
> >the 850 out and back in line. also got one of my 950sd's hooked back
> >up. man what i had been missing. still have a 950 in the factory box
> >. now what to do as i need to sell some of them. going to keep the
> >850 that is for sure guess either the 870 or one of the 950s will
> >have to go along with a bunch of old Hallicrafters and Johnson
> >receivers and transmitters.. tired of walking around all of them hi
> >hi... too band Kenwood is not making a radio that will come close to

> >the 850/950 team
>
>73 Tony
>
>QBE ZUT DE WA4JQS
>
>ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
>Since 1962
>CQ DX HALL OF FAME # 35
>DXCC HONOR ROLL - 346
>A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
>DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
>DXCC 80, 40, 20, 15, 10 METERS
>WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
>WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
>South Sandwich Island Dxpedition Group
>CALLS HELD:
>WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
>ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI
>
>[Non-text portions of this message have been removed]
>
>[Non-text portions of this message have been removed]
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>----------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>No virus found in this incoming message.
>Checked by AVG - www.avg.com
>Version: 9.0.791 / Virus Database: 271.1.1/2782 - Release Date:
>03/31/10 14:32:00

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
Since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL - 346
A1-OP FISTS # 10573 SKCC #1227 F.O.P. LODGE 68
DXCC PHONE- DXCC CW- DXCC RTTY- DXCC MIXED-5BDXCC
DXCC 80, 40, 20, 15, 10 METERS

WAC SSB, WAC CW, WAC RTTY, WAC SAT, 6 BAND WAC
WAS AM, WAS PHONE, WAS CW, WAS RTTY, WAS 80-10,WAS 160 ,WAS 6 METERS
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS, VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

9144. Kenwood TS-450SAT For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 00:14:53 UTC
From: KG5KS - Kenny Thompson
Topic: 9144 Message: 9144

Just wanted to let this group know first I will be selling my back up radio. Nice 9.5 out of 10 condition Kenwood TS-450SAT with / without Kenwood 1.8 SSB filter, Kenwood MC-50 Desk mic. Please contact me off list.

Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

9145. Re: [TS-850_450_690] Kenwood TS-450SAT For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 00:45:45 UTC
From: Paul Vollmer
Topic: 9144 Message: 9145

How Much?

--- On Fri, 4/2/10, KG5KS - Kenny Thompson <kg5ks@...> wrote:

From: KG5KS - Kenny Thompson <kg5ks@...>
Subject: [TS-850_450_690] Kenwood TS-450SAT For Sale
To: TS-850_450_690@yahoogroups.com
Date: Friday, April 2, 2010, 12:14 AM

Just wanted to let this group know first I will be selling my back up radio. Nice 9.5 out of 10 condition Kenwood TS-450SAT with / without Kenwood 1.8 SSB filter, Kenwood MC-50 Desk mic. Please contact me off list.

Thank you
73
Kenny
ARS KG5KS

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

9146. TS850 Panel Buttons Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 04:33:00 UTC
From: va3jff
Topic: 9146 Message: 9146

Hi All.

I've been using a 2nd hand TS850 for a little over a year. I changed the caps on the carrier board last month, and all was working well. I planned to change the caps on DC-DC board to try to improve on an intermittent power fluxuation.

Now today, when I powered up the rig the buttons on the front panel are not all working. Power, Dim, REC/SEND, THRU/AUTO, AT tune, RIT, XIT, NOTCH and METER all work. As does the mode selections. The numeric keypad seems to work ok too, but the ENT and CLR do not. The memory buttons do not work. The band selection buttons do not work, and neither does the VFO selection or filter seletions.

It also doesn't allow for any of those functions using the computer control software any longer. (HRD with G4ZLP cabling).

Any suggestions on where to start to look? I've checked the ribbon cables and all seem to be seated properly. Otherwise, I seem to be stuck on 20m ...

Thanks.
Jeff - VA3JFF / VE3CW

9147. Re: [TS-850_450_690] TS850 Panel Buttons Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 04:56:43 UTC
From: Dave ve3wej
Topic: 9146 Message: 9147

double check the ribbons, between boards to make sure they are all seated correctly. one may be in at an angle, stopping the matrix board from functioning

----- Original Message -----
From: "va3jff" <va3jff@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, April 02, 2010 12:33 AM
Subject: [TS-850_450_690] TS850 Panel Buttons Not Working

> Hi All.
>
> I've been using a 2nd hand TS850 for a little over a year. I changed the
> caps on the carrier board last month, and all was working well. I planned
> to change the caps on DC-DC board to try to improve on an intermittent
> power fluxuation.
>
> Now today, when I powered up the rig the buttons on the front panel are
> not all working. Power, Dim, REC/SEND, THRU/AUTO, AT tune, RIT, XIT,
> NOTCH and METER all work. As does the mode selections. The numeric
> keypad seems to work ok too, but the ENT and CLR do not. The memory
> buttons do not work. The band selection buttons do not work, and neither
> does the VFO selection or filter seletions.
>
> It also doesn't allow for any of those functions using the computer
> control software any longer. (HRD with G4ZLP cabling).
>
> Any suggestions on where to start to look? I've checked the ribbon cables
> and all seem to be seated properly. Otherwise, I seem to be stuck on 20m
> ...
>
> Thanks.
> Jeff - VA3JFF / VE3CW
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9148. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 09:57:24 UTC
From: rovntoma
Topic: 9054 Message: 9148

Yesterday I installed a crystal heater from Kuhne electronics
QH40A.Its fantastics and stable as rock.After 1-2 minutes from cold start is not noticeable drift by ears in SSB.Great improoved stability
for 16 euro with shipping.Recomended.

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
>
> Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> >
> > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > PS:I prefer SSB only on higher bands.
> > > Thanks for any answer.
> > > Tom
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > But I dont know,when this help me.
> > > > Tom
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > What is the temperature like in the room? Is it constant or changing?
> > > > >
> > > > > Clif

> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > >
> > > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > > > this was a problem.Thanks again Clif.
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > All wrong.
> > > > > > > > >
> > > > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > > > >
> > > > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > >
> > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > > > >
> > > > > > > > > > > > Clif
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?

```
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
```

9149. Re: TS850 Panel Buttons Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 14:05:00 UTC
From: va3jff
Topic: 9146 Message: 9149

Thanks Dave. That was my first thought, so I unplugged and reseated each cable. Didn't help any.

Decided to do a reset, and all is once again working well.

73/72
Jeff - VA3JFF / VE3CW

--- In TS-850_450_690@...m, "Dave ve3wej" <ve3wej@...> wrote:
>
> double check the ribbons, between boards to make sure they are all seated
> correctly. one may be in at an angle, stopping the matrix board from
> functioning
>
> ----- Original Message -----
> From: "va3jff" <va3jff@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, April 02, 2010 12:33 AM
> Subject: [TS-850_450_690] TS850 Panel Buttons Not Working
>
>
> > Hi All.
> >
> > I've been using a 2nd hand TS850 for a little over a year. I changed the
> > caps on the carrier board last month, and all was working well. I planned
> > to change the caps on DC-DC board to try to improve on an intermittent
> > power fluxuation.
> >
> > Now today, when I powered up the rig the buttons on the front panel are
> > not all working. Power, Dim, REC/SEND, THRU/AUTO, AT tune, RIT, XIT,
> > NOTCH and METER all work. As does the mode selections. The numeric
> > keypad seems to work ok too, but the ENT and CLR do not. The memory
> > buttons do not work. The band selection buttons do not work, and neither
> > does the VFO selection or filter seletions.
> >
> > It also doesn't allow for any of those functions using the computer
> > control software any longer. (HRD with G4ZLP cabling).
> >
> > Any suggestions on where to start to look? I've checked the ribbon cables
> > and all seem to be seated properly. Otherwise, I seem to be stuck on 20m
> > ...
> >
> > Thanks.
> > Jeff - VA3JFF / VE3CW
> >
> >

> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9150. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 19:45:44 UTC
From: kc5cqw
Topic: 9054 Message: 9150

I installed a PTC to my 20MHZ PLL crystal and get no more then 2Hz drift after a few minutes.
Here is the DigiKey part number for the "heaters" 235-1121-ND
Basically, unsolder one of the leads and solder that side to the crystal can.
Route the other lead to the 5V source on the TXCO option area.
Next, solder the removed lead to the top of the can and to a common ground point.
Finally, carve a small styrofoam block to cover the crystal and glue in place.
Hint: unsolder the crystal for this mod and resolder to the PWB on its side.

Fell free to email me for further info: mycall at gmail dot com

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Yesterday I installed a crystal heater from Kuhne electronics
> QH40A.Its fantastics and stable as rock.After 1-2 minutes from cold start is not noticeable drift by ears in SSB.Great improoved stability
> for 16 euro with shipping.Recomended.
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> >
> > Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> > >
> > > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > >
> > > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > > PS:I prefer SSB only on higher bands.
> > > > Thanks for any answer.
> > > > Tom

> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > > But I dont know,when this help me.
> > > > > Tom
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > What is the temperature like in the room? Is it constant or changing?
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > >
> > > > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > >
> > > > > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > > > > this was a problem.Thanks again Clif.
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > All wrong.
> > > > > > > > >
> > > > > > > > > Replace the 7812 with a 7808 like it was designed.
> > > > > > > > >
> > > > > > > > > Replace the TRIMMER CAP in the VCO.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > >
> > > > > > > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > >

> > > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Clif
> > > > > > > > > > > > >
> > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > > > > > >
> > > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > >
> > >
> >
>

9151. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-02 21:18:27 UTC
From: rovntoma
Topic: 9054 Message: 9151

I had also idea used PTC thermistor.But I have not information about specific model with temperature about 40 degrees celsius from source 8-12V.So I installed relative cheap QH40A electronically stabilised 40degC from output 78L09.Late for me,but good information for next guys with drifted TRXs.

--- In TS-850_450_690@yahoogroups.com, "kc5cqw" <kc5cqw@...> wrote:
>
> I installed a PTC to my 20MHZ PLL crystal and get no more then 2Hz drift after a few minutes.
> Here is the DigiKey part number for the "heaters" 235-1121-ND
> Basically, unsolder one of the leads and solder that side to the crystal can.
> Route the other lead to the 5V source on the TXCO option area.
> Next, solder the removed lead to the top of the can and to a common ground point.
> Finally, carve a small styrofoam block to cover the crystal and glue in place.
> Hint: unsolder the crystal for this mod and resolder to the PWB on its side.
>
> Fell free to email me for further info: mycall at gmail dot com
>
>
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> >
> > Yesterday I installed a crystal heater from Kuhne electronics
> > QH40A.Its fantastics and stable as rock.After 1-2 minutes from cold start is not noticeable drift by ears in SSB.Great improoved stability
> > for 16 euro with shipping.Recomended.
> >
> > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > >
> > >
> > > Before ts850 I had "hot" ts450.I think very similar radios.This was made in 1995 and was quite stable.Drifted 20-30hz max.I upgraded to 850 (1992)and drift is noticeable stronger.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > You are asking it to do something it was not designed to do. If your application requires more stability you will need the TCXO.
> > > >
> > > > The spec's are +/- 10 ppm. On 20M (14 mhZ) that is +/-140 hz. Your radio is within spec at 120Hz drift.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:

> > > > >
> > > > > Today I tried another 20mhz crystal from network card.The drift was 250hz from cold start.After 30 minutes the frequency was good and stable.But 250hz past 30min is horrible.Original crystal had 100-120hz.A new crystal can reduce drift?Crystal heater will be good choice,or VCO has another problem?
> > > > > PS:I prefer SSB only on higher bands.
> > > > > Thanks for any answer.
> > > > > Tom
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Temperature in the room is constant between 20-22C.I am looking for something like this:http://tk5ep.free.fr/tech/ts850/tcxo/en/tcxo_g.php
> > > > > But I dont know,when this help me.
> > > > > Tom
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > What is the temperature like in the room? Is it constant or changing?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > Afer a few days 850 works fine.But only problem is big drift.I think
> > > > > 100hz past first 3 hours is quit much.It is some possibility reduce it? (Except expensive TXCO)
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > OK,I put back 7809 and ceramic trim cap was changed.I think
> > > > > this was a problem.Thanks again Clif.
> > > > >
> > > > > --- In TS-850_450_690@...m, "avvidclif" <clif@> wrote:
> > > > >
> > > > > All wrong.
> > > > >
> > > > > Replace the 7812 with a 7808 like it was designed.
> > > > >
> > > > > Replace the TRIMMER CAP in the VCO.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > >
> > > > > I replaced cap 22m/16v by Sanyo(OSCON).It was leaky.Also voltage regulator 78L08 was bad.I replaced it with 78L12 and set +5V.The voltage is stable and all is good.Still I am testing it.

> > > > > > > > > > >
> > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > >
> > > > > > > > > > > > Thanks for reply.Voltage VCO2 was dropping from 4V to 2,6V.I look to diagram which caps can be replaced.
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Most likely the cap in VCO-2 is flaky. Just replace it with a 10pf ceramic and set it for 5v.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Clif
> > > > > > > > > > > > >
> > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@> wrote:
> > > > > > > > > > > > > >
> > > > > > > > > > > > > > Hallo,my old TS850 (YM6631)has problem.A few moth ago starting drift freguency.(around 100khz)Now,after 30-45min,has only dots on display.
> > > > > > > > > > > > > > I realigment voltages according service manual.I think,that the problem is VCO2.Manual says +5V on TP2.But after a few minutes SSB voices are cripsy with distortion.I try 6V and all was good,but after 1 hour turn off/on cycle audio was distorted.Now I set +4V,and all is good(still). First time I had idea,that YM6631 are defective.(smd caps on DDS carrier board was changed to ELNA).Where can be problem?
> > > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

9152. INRAD Fitlers in TS-870S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-03 01:28:44 UTC
From: Crownhaven
Topic: 9152 Message: 9152

Has anyone ever replaced the stock SSB filters in the TS-870S with the INRAD SSB filters????????

Steve, N4JQQ

9153. Re: INRAD Fitlers in TS-870S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-03 05:50:20 UTC
From: rovntoma
Topic: 9152 Message: 9153

Try this: http://www.qth.com/inrad/TS-870-Filters.pdf
also mods.dk have some info

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Has anyone ever replaced the stock SSB filters in the TS-870S with the
> INRAD SSB filters????????
>
> Steve, N4JQQ
>

9154. Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-03 10:25:03 UTC
From: eagle one
Topic: 9065 Message: 9154

Nope it does not,but the S meter moves

Hanafi

--- On Tue, 3/30/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] KENWOOD TS 570S AUDIO PROBLEM
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 30, 2010, 4:15 AM

what about an extension speaker, does it work, no?? then suspect audio
circuits

----- Original Message -----
From: "eagle one" <foxbat_alpha@ yahoo.com>
To: <TS-850_450_690@ yahoogroups. com>
Sent: Monday, March 29, 2010 6:46 AM
Subject: Re: [TS-850_450_ 690] KENWOOD TS 570S AUDIO PROBLEM

I have checked the squelsh and all the knobs, but nothing seems to work and
the signal meter fluctuates. I am at a lost.

Hanafi

--- On Sat, 3/20/10, Dave ve3wej <ve3wej@gmail. com> wrote:

From: Dave ve3wej <ve3wej@gmail. com>
Subject: Re: [TS-850_450_ 690] KENWOOD TS 570S AUDIO PROBLEM
To: TS-850_450_690@ yahoogroups. com
Date: Saturday, March 20, 2010, 9:21 PM

Is the s meter flucuating, or staying at a steady reading.... maybe rf
gain turned down, which causes leds to rise, and could be above reception
level.

check to see if rf is fully clockwise

Dave Garber
VE3WEJ
----- Original Message -----
From: "eagle one" <foxbat_alpha@ yahoo.com>
To: <TS-850_450_ 690@ yahoogroups. com>
Sent: Saturday, March 20, 2010 5:17 AM
Subject: [TS-850_450_ 690] KENWOOD TS 570S AUDIO PROBLEM

> Hello everybody. I do not know if this is the right plase to forward this
> question.I have a TS 570swhich does not have audio output either through

> thre built-in speaker ,external speaker nor through the head phone. I know
> it receives signal as the LCD S meter indicates so. Any suggestion is
> appreciated. Thank you and 73
>
> de 9W2TZ HANAFI
>
>
>
>
>
>
> ------------ --------- --------- ------
>
> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

------------ --------- --------- ------

THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

[Non-text portions of this message have been removed]

9155. Kenwood TS-850S for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-03 16:49:17 UTC
From: kb6ltych
Topic: 9155 Message: 9155

Hello all, I am selling a Kenwood TS-850S with hand mic. It is original owner (SK). I am doing this for the widow so have no $ interest in sale. Asking $650.00.

Original Box, packing, Manual, Includes power cable w.fuse, I believe the optional filters; YK-88C,YG-455C have been installed. It is in good shape. S/N 31100088. Apple Valley for pick up. or will ship for cost. contact Christy KB6LTY at this yahoo email. 73

[Non-text portions of this message have been removed]

9156. Re: TS850 PLL problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-04 19:58:33 UTC
From: Bryan
Topic: 9054 Message: 9156

That sounds like a great idea, Damon! I wonder if some additional insulation (such as heatshrink tubing) around the crystal might tighten-up the temperature control.

Digi-Key charges $5 for orders under $25. The cost of the 235-1121-ND (Thermometrics pn RL3006-50-40-25-PTO) is $2.26. It'll set you back $7.26 plus applicable state sales tax. Allied Electronics has it for $1.15 (stock number 837-3005)... and no surcharge!

vy 73,
Bryan WA7PRC

KC5CQW wrote:
>
> I installed a PTC to my 20MHZ PLL crystal and get no more then 2Hz drift after a few minutes.
> Here is the DigiKey part number for the "heaters" 235-1121-ND
> Basically, unsolder one of the leads and solder that side to the crystal can.
> Route the other lead to the 5V source on the TXCO option area.
> Next, solder the removed lead to the top of the can and to a common ground point.
> Finally, carve a small styrofoam block to cover the crystal and glue in place.
> Hint: unsolder the crystal for this mod and resolder to the PWB on its side.
>
> Fell free to email me for further info: mycall at gmail dot com

9157. HF PA unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-05 17:56:33 UTC
From: Stein Roar Brobakken
Topic: 9157 Message: 9157

Hi

Have anyone ever changed the PA unit transistor of TS2000?

Today I could smell some bad smell of my TRX while transmitting on 30m.

It still gives its power in CW/SSB/RTTY, but I guess maybe something coming
:D

73 LA6FJA Rag

[Non-text portions of this message have been removed]

9158. TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 05:40:50 UTC
From: Bryan
Topic: 9158 Message: 9158

Hello Group,

For once, I have a question for those in the group with brains larger than mine. I have a TS850SAT that I'm curious about use with a panadapter. Previously, I married my olde Heath SB620 'Scanalyzer' to my olde TS120S & TS130S rigs and it worked FB.* I was able to sweep the entire band. This was possible because those rigs were single-conversion with only a bandpass filter on the frontend. The only issue was the small CRT, making it hard to separate signals when sweeping more than +/- 50 KHz.

Now, with the '850, I see there is a 20 KHz 'roofing' filter at the output of the first mixer (73.05 MHz). Obviously, were I to connect my SB620 (or other panadapter) to the output of the 2nd mixer, I would see only +/- 10 KHz from the received frequency. I would like to sweep at least +/- 50 KHz but don't want to give up the roofing filter.

So, I'm thinking I will need to pick-off prior to the roofing filter, mix it down to 8.83 MHz, and then feed it to my panadapter. In the interest of not reinventing the wheel, has anyone done this and if so, what parts have you used?

I'm thinking I'm going to be purchasing some Mini-Circuits modules (a mixer), and homebrew a buffer amplifier. By mixing the 73.05 MHz mixer output with the 64.22 MHz LO2, I would have 8.83 MHz. A low-pass filter would reject the unwanted signals.

Heck, if I can make it work, I may even pony-up for the LP-Pan stuff (so I can use a WIDE 'puter display). :D

73,
Bryan WA7PRC

* The input amplifier on the SB620 (wired for 3395 KHz) can be switched to operate as a mixer... 12225 LO - 8830 Input = 3395 KHz. I used a dead-bug oscillator w/ an old 2M xtal... 146.76 / 12 = 12.23 MHz (close enough to adjust the SB620 sweep oscillator).

9159. TS-850 complete line.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 16:56:22 UTC
From: iz6gvc
Topic: 9159 Message: 9159

Hi, wath is the realistic quote for this Kenwood line :
ts-850sat(with SSB filter) + MC-60 + DSP-100 + PS-52 + SP-31 + SM-230
All the components are like new.
Tnx!

9160. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 18:31:20 UTC
From: peterwalker1999
Topic: 9158 Message: 9160

Bryan

No need to go to all this trouble!

The TS850 already has an 8.83Mhz IF output jack on the back.
This is not restricted by any filtering and gives me 90Khz (i think limited by my sound card).

It is quite low level, so might need a small amplifier depending upon the sensitivity of your SB620, but I tap it to a "softrock" with no problems.

Regards

peter

--- In TS-850_450_690@yahoogroups.com, "Bryan" <bswadener@...> wrote:
>
> Hello Group,
>
> For once, I have a question for those in the group with brains larger than mine. I have a TS850SAT that I'm curious about use with a panadapter. Previously, I married my olde Heath SB620 'Scanalyzer' to my olde TS120S & TS130S rigs and it worked FB.* I was able to sweep the entire band. This was possible because those rigs were single-conversion with only a bandpass filter on the frontend. The only issue was the small CRT, making it hard to separate signals when sweeping more than +/- 50 KHz.
>
> Now, with the '850, I see there is a 20 KHz 'roofing' filter at the output of the first mixer (73.05 MHz). Obviously, were I to connect my SB620 (or other panadapter) to the output of the 2nd mixer, I would see only +/- 10 KHz from the received frequency. I would like to sweep at least +/- 50 KHz but don't want to give up the roofing filter.
>
> So, I'm thinking I will need to pick-off prior to the roofing filter, mix it down to 8.83 MHz, and then feed it to my panadapter. In the interest of not reinventing the wheel, has anyone done this and if so, what parts have you used?
>
> I'm thinking I'm going to be purchasing some Mini-Circuits modules (a mixer), and homebrew a buffer amplifier. By mixing the 73.05 MHz mixer output with the 64.22 MHz LO2, I would have 8.83 MHz. A low-pass filter would reject the unwanted signals.
>
> Heck, if I can make it work, I may even pony-up for the LP-Pan stuff (so I can use a WIDE 'puter display). :D
>
> 73,
> Bryan WA7PRC
>
> * The input amplifier on the SB620 (wired for 3395 KHz) can be switched to operate as a

mixer... 12225 LO - 8830 Input = 3395 KHz. I used a dead-bug oscillator w/ an old 2M xtal... 146.76 / 12 = 12.23 MHz (close enough to adjust the SB620 sweep oscillator).
>

9161. Re: [TS-850_450_690] Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 19:17:58 UTC
From: dave@zievid.com
Topic: 9158 Message: 9161

I was curious about that same part of the circuit ... there was a
discussion earlier about the Inrad roofing filter blocking out the
bandwidth and thus making panadaptor functions ineffective when tapping
the 8.83mhz IF.

Someone posted the high IF filter bandwidths in the group files:
http://f1.grp.yahoofs.com/v1/sIS7S984OuCiv7TS3oDYZ58ciJmfVNQt0YbnoEvdSRvZuIGVVvdW-pmwCx1Fk
8tcmZxPk6rIwkAllpYOEtfbgkqrKOW2VVsJhYg/850%20Filters/TS850_vs_Inrad_Roofing_Filter.GIF

The stock curve for the TS-850 has 20db loss where it's about 30khz wide -
so are the signals you see in your 90khz pass attenuated a lot when
they're far from the center? Am I reading that graph wrong?

I'd love to be able to get the roofing filter benefits but still have a
wide IF signal path to LP-PAN, but I realize they are at cross purposes.
I guess that would require a second mixer bypassing the roofing filter.

73,
- Dave W6OT

> Bryan
>
> No need to go to all this trouble!
>
> The TS850 already has an 8.83Mhz IF output jack on the back.
> This is not restricted by any filtering and gives me 90Khz (i think
> limited by my sound card).
>
> It is quite low level, so might need a small amplifier depending upon the
> sensitivity of your SB620, but I tap it to a "softrock" with no problems.
>
> Regards
>
> peter
>
> --- In TS-850_450_690@yahoogroups.com, "Bryan" <bswadener@...> wrote:
>>
>> Hello Group,
>>
>> For once, I have a question for those in the group with brains larger
>> than mine. I have a TS850SAT that I'm curious about use with a
>> panadapter. Previously, I married my olde Heath SB620 'Scanalyzer' to
>> my olde TS120S & TS130S rigs and it worked FB.* I was able to sweep the
>> entire band. This was possible because those rigs were
>> single-conversion with only a bandpass filter on the frontend. The only
>> issue was the small CRT, making it hard to separate signals when

>> sweeping more than +/- 50 KHz.
>>
>> Now, with the '850, I see there is a 20 KHz 'roofing' filter at the
>> output of the first mixer (73.05 MHz). Obviously, were I to connect my
>> SB620 (or other panadapter) to the output of the 2nd mixer, I would see
>> only +/- 10 KHz from the received frequency. I would like to sweep at
>> least +/- 50 KHz but don't want to give up the roofing filter.
>>
>> So, I'm thinking I will need to pick-off prior to the roofing filter,
>> mix it down to 8.83 MHz, and then feed it to my panadapter. In the
>> interest of not reinventing the wheel, has anyone done this and if so,
>> what parts have you used?
>>
>> I'm thinking I'm going to be purchasing some Mini-Circuits modules (a
>> mixer), and homebrew a buffer amplifier. By mixing the 73.05 MHz mixer
>> output with the 64.22 MHz LO2, I would have 8.83 MHz. A low-pass filter
>> would reject the unwanted signals.
>>
>> Heck, if I can make it work, I may even pony-up for the LP-Pan stuff (so
>> I can use a WIDE 'puter display). :D
>>
>> 73,
>> Bryan WA7PRC
>>
>> * The input amplifier on the SB620 (wired for 3395 KHz) can be switched
>> to operate as a mixer... 12225 LO - 8830 Input = 3395 KHz. I used a
>> dead-bug oscillator w/ an old 2M xtal... 146.76 / 12 = 12.23 MHz (close
>> enough to adjust the SB620 sweep oscillator).
>>
>
>
>

9162. Filter Dip Switch Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 19:21:29 UTC
From: Crownhaven
Topic: 9162 Message: 9162

If you remove a filter, i.e., 250 Hz 8.83, does the dip switch setting have to be changed if nothing replaces it??????? It appears to make no difference.

Steve, N4JQQ

9163. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 22:51:11 UTC
From: avvidclif
Topic: 9158 Message: 9163

Has anyone ever bothered to look at the schematic? Rather than guessing why not look. If you did you would discover a tap right after the 73.05 MIXER, well before the roofing filter. It is fed to a FET mixer all by itself which converts it to 8.83 and then is output to the back. Bandwidth is limited to the RX BPF of whatever band you are on.

Contrary to popular belief Kenwood didn't fall off the turnip truck yesterday... GRIN.

Clif

--- In TS-850_450_690@yahoogroups.com, dave@... wrote:
>
> I was curious about that same part of the circuit ... there was a
> discussion earlier about the Inrad roofing filter blocking out the
> bandwidth and thus making panadaptor functions ineffective when tapping
> the 8.83mhz IF.
>
> Someone posted the high IF filter bandwidths in the group files:
> http://f1.grp.yahoofs.com/v1/sIS7S984OuCiv7TS3oDYZ58ciJmfVNQt0YbnoEvdSRvZuIGVVvdW-pmwCx1Fk8tcmZxPk6rIwkAllpYOEtfbgkqrKOW2VVsJhYg/850%20Filters/TS850_vs_Inrad_Roofing_Filter.GIF
>
> The stock curve for the TS-850 has 20db loss where it's about 30khz wide -
> so are the signals you see in your 90khz pass attenuated a lot when
> they're far from the center? Am I reading that graph wrong?
>
> I'd love to be able to get the roofing filter benefits but still have a
> wide IF signal path to LP-PAN, but I realize they are at cross purposes.
> I guess that would require a second mixer bypassing the roofing filter.
>
> 73,
> - Dave W6OT
>
>
> > Bryan
> >
> > No need to go to all this trouble!
> >
> > The TS850 already has an 8.83Mhz IF output jack on the back.
> > This is not restricted by any filtering and gives me 90Khz (i think
> > limited by my sound card).
> >
> > It is quite low level, so might need a small amplifier depending upon the
> > sensitivity of your SB620, but I tap it to a "softrock" with no problems.
> >
> > Regards
> >
> > peter

> >
> > --- In TS-850_450_690@yahoogroups.com, "Bryan" <bswadener@> wrote:
> >>
> >> Hello Group,
> >>
> >> For once, I have a question for those in the group with brains larger
> >> than mine. I have a TS850SAT that I'm curious about use with a
> >> panadapter. Previously, I married my olde Heath SB620 'Scanalyzer' to
> >> my olde TS120S & TS130S rigs and it worked FB.* I was able to sweep the
> >> entire band. This was possible because those rigs were
> >> single-conversion with only a bandpass filter on the frontend. The only
> >> issue was the small CRT, making it hard to separate signals when
> >> sweeping more than +/- 50 KHz.
> >>
> >> Now, with the '850, I see there is a 20 KHz 'roofing' filter at the
> >> output of the first mixer (73.05 MHz). Obviously, were I to connect my
> >> SB620 (or other panadapter) to the output of the 2nd mixer, I would see
> >> only +/- 10 KHz from the received frequency. I would like to sweep at
> >> least +/- 50 KHz but don't want to give up the roofing filter.
> >>
> >> So, I'm thinking I will need to pick-off prior to the roofing filter,
> >> mix it down to 8.83 MHz, and then feed it to my panadapter. In the
> >> interest of not reinventing the wheel, has anyone done this and if so,
> >> what parts have you used?
> >>
> >> I'm thinking I'm going to be purchasing some Mini-Circuits modules (a
> >> mixer), and homebrew a buffer amplifier. By mixing the 73.05 MHz mixer
> >> output with the 64.22 MHz LO2, I would have 8.83 MHz. A low-pass filter
> >> would reject the unwanted signals.
> >>
> >> Heck, if I can make it work, I may even pony-up for the LP-Pan stuff (so
> >> I can use a WIDE 'puter display). :D
> >>
> >> 73,
> >> Bryan WA7PRC
> >>
> >> * The input amplifier on the SB620 (wired for 3395 KHz) can be switched
> >> to operate as a mixer... 12225 LO - 8830 Input = 3395 KHz. I used a
> >> dead-bug oscillator w/ an old 2M xtal... 146.76 / 12 = 12.23 MHz (close
> >> enough to adjust the SB620 sweep oscillator).
> >>
> >
> >
> >
>

9164. Re: [TS-850_450_690] Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-06 23:31:01 UTC
From: Neil Gerren
Topic: 9158 Message: 9164

Check out the LP-Pan by Telepost. It's a great value!
-Neil
N8IL

On Tue, Apr 6, 2010 at 6:51 PM, avvidclif <clif@...> wrote:

>
>
> Has anyone ever bothered to look at the schematic? Rather than guessing why
> not look. If you did you would discover a tap right after the 73.05 MIXER,
> well before the roofing filter. It is fed to a FET mixer all by itself which
> converts it to 8.83 and then is output to the back. Bandwidth is limited to
> the RX BPF of whatever band you are on.
>
> Contrary to popular belief Kenwood didn't fall off the turnip truck
> yesterday... GRIN.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> dave@... wrote:
> >
> > I was curious about that same part of the circuit ... there was a
> > discussion earlier about the Inrad roofing filter blocking out the
> > bandwidth and thus making panadaptor functions ineffective when tapping
> > the 8.83mhz IF.
> >
> > Someone posted the high IF filter bandwidths in the group files:
> >
> http://f1.grp.yahoofs.com/v1/sIS7S984OuCiv7TS3oDYZ58ciJmfVNQt0YbnoEvdSRvZuIGVVvdW-pmwCx1
Fk8tcmZxPk6rIwkAllpYOEtfbgkqrKOW2VVsJhYg/850%20Filters/TS850_vs_Inrad_Roofing_Filter.GIF
> >
> > The stock curve for the TS-850 has 20db loss where it's about 30khz wide
> > -
> > so are the signals you see in your 90khz pass attenuated a lot when
> > they're far from the center? Am I reading that graph wrong?
> >
> > I'd love to be able to get the roofing filter benefits but still have a
> > wide IF signal path to LP-PAN, but I realize they are at cross purposes.
> > I guess that would require a second mixer bypassing the roofing filter.
> >
> > 73,
> > - Dave W6OT
> >

> >
> > > Bryan
> > >
> > > No need to go to all this trouble!
> > >
> > > The TS850 already has an 8.83Mhz IF output jack on the back.
> > > This is not restricted by any filtering and gives me 90Khz (i think
> > > limited by my sound card).
> > >
> > > It is quite low level, so might need a small amplifier depending upon
> the
> > > sensitivity of your SB620, but I tap it to a "softrock" with no
> problems.
> > >
> > > Regards
> > >
> > > peter
> > >
> > > --- In TS-850_450_690@...m<TS-850_450_690%40yahoogroups.com>,
> "Bryan" <bswadener@> wrote:
> > >>
> > >> Hello Group,
> > >>
> > >> For once, I have a question for those in the group with brains larger
> > >> than mine. I have a TS850SAT that I'm curious about use with a
> > >> panadapter. Previously, I married my olde Heath SB620 'Scanalyzer' to
> > >> my olde TS120S & TS130S rigs and it worked FB.* I was able to sweep
> the
> > >> entire band. This was possible because those rigs were
> > >> single-conversion with only a bandpass filter on the frontend. The
> only
> > >> issue was the small CRT, making it hard to separate signals when
> > >> sweeping more than +/- 50 KHz.
> > >>
> > >> Now, with the '850, I see there is a 20 KHz 'roofing' filter at the
> > >> output of the first mixer (73.05 MHz). Obviously, were I to connect my
> > >> SB620 (or other panadapter) to the output of the 2nd mixer, I would
> see
> > >> only +/- 10 KHz from the received frequency. I would like to sweep at
> > >> least +/- 50 KHz but don't want to give up the roofing filter.
> > >>
> > >> So, I'm thinking I will need to pick-off prior to the roofing filter,
> > >> mix it down to 8.83 MHz, and then feed it to my panadapter. In the
> > >> interest of not reinventing the wheel, has anyone done this and if so,
> > >> what parts have you used?
> > >>
> > >> I'm thinking I'm going to be purchasing some Mini-Circuits modules (a
> > >> mixer), and homebrew a buffer amplifier. By mixing the 73.05 MHz mixer
> > >> output with the 64.22 MHz LO2, I would have 8.83 MHz. A low-pass
> filter

> > >> would reject the unwanted signals.
> > >>
> > >> Heck, if I can make it work, I may even pony-up for the LP-Pan stuff
> (so
> > >> I can use a WIDE 'puter display). :D
> > >>
> > >> 73,
> > >> Bryan WA7PRC
> > >>
> > >> * The input amplifier on the SB620 (wired for 3395 KHz) can be
> switched
> > >> to operate as a mixer... 12225 LO - 8830 Input = 3395 KHz. I used a
> > >> dead-bug oscillator w/ an old 2M xtal... 146.76 / 12 = 12.23 MHz
> (close
> > >> enough to adjust the SB620 sweep oscillator).
> > >>
> > >
> > >
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

9165. Re: [TS-850_450_690] Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-07 00:18:48 UTC
From: dave@zievid.com
Topic: 9158 Message: 9165

I was trying to clear up what was stated back in message 9003 on this list
about using pan adapters:

"If you have a 20KHz wide roofing filter, that's all the bandwidth in
which you're going to see any signal(s)."

That, I'm glad to hear, is apparently wrong, so I'll happily put a INRAD
roofing filter into my TS-850 and also use LP-PAN.

> Check out the LP-Pan by Telepost. It's a great value!
> -Neil
> N8IL
>
> On Tue, Apr 6, 2010 at 6:51 PM, avvidclif <clif@...> wrote:
>
>>
>>
>> Has anyone ever bothered to look at the schematic? Rather than guessing
>> why
>> not look. If you did you would discover a tap right after the 73.05
>> MIXER,
>> well before the roofing filter. It is fed to a FET mixer all by itself
>> which
>> converts it to 8.83 and then is output to the back. Bandwidth is limited
>> to
>> the RX BPF of whatever band you are on.
>>
>> Contrary to popular belief Kenwood didn't fall off the turnip truck
>> yesterday... GRIN.
>>
>> Clif
>>
>>
>> --- In TS-850_450_690@yahoogroups.com
>> <TS-850_450_690%40yahoogroups.com>,
>> dave@... wrote:
>> >
>> > I was curious about that same part of the circuit ... there was a
>> > discussion earlier about the Inrad roofing filter blocking out the
>> > bandwidth and thus making panadaptor functions ineffective when
>> tapping
>> > the 8.83mhz IF.
>> >
>> > Someone posted the high IF filter bandwidths in the group files:
>> >
>> http://f1.grp.yahoofs.com/v1/sIS7S984OuCiv7TS3oDYZ58ciJmfVNQt0YbnoEvdSRvZuIGVVvdW-pmwCx

1Fk8tcmZxPk6rIwkAllpYOEtfbgkqrKOW2VVsJhYg/850%20Filters/TS850_vs_Inrad_Roofing_Filter.GIF
>> >
>> > The stock curve for the TS-850 has 20db loss where it's about 30khz
>> wide
>> -
>> > so are the signals you see in your 90khz pass attenuated a lot when
>> > they're far from the center? Am I reading that graph wrong?
>> >
>> > I'd love to be able to get the roofing filter benefits but still have
>> a
>> > wide IF signal path to LP-PAN, but I realize they are at cross
>> purposes.
>> > I guess that would require a second mixer bypassing the roofing
>> filter.
>> >
>> > 73,
>> > - Dave W6OT
>> >
>> >
>> > > Bryan
>> > >
>> > > No need to go to all this trouble!
>> > >
>> > > The TS850 already has an 8.83Mhz IF output jack on the back.
>> > > This is not restricted by any filtering and gives me 90Khz (i think
>> > > limited by my sound card).
>> > >
>> > > It is quite low level, so might need a small amplifier depending
>> upon
>> the
>> > > sensitivity of your SB620, but I tap it to a "softrock" with no
>> problems.
>> > >
>> > > Regards
>> > >
>> > > peter
>> > >
>> > > --- In
>> TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>,
>> "Bryan" <bswadener@> wrote:
>> > >>
>> > >> Hello Group,
>> > >>
>> > >> For once, I have a question for those in the group with brains
>> larger
>> > >> than mine. I have a TS850SAT that I'm curious about use with a
>> > >> panadapter. Previously, I married my olde Heath SB620 'Scanalyzer'
>> to
>> > >> my olde TS120S & TS130S rigs and it worked FB.* I was able to sweep
>> the
>> > >> entire band. This was possible because those rigs were

>> > >> single-conversion with only a bandpass filter on the frontend. The
>> only
>> > >> issue was the small CRT, making it hard to separate signals when
>> > >> sweeping more than +/- 50 KHz.
>> > >>
>> > >> Now, with the '850, I see there is a 20 KHz 'roofing' filter at the
>> > >> output of the first mixer (73.05 MHz). Obviously, were I to connect
>> my
>> > >> SB620 (or other panadapter) to the output of the 2nd mixer, I would
>> see
>> > >> only +/- 10 KHz from the received frequency. I would like to sweep
>> at
>> > >> least +/- 50 KHz but don't want to give up the roofing filter.
>> > >>
>> > >> So, I'm thinking I will need to pick-off prior to the roofing
>> filter,
>> > >> mix it down to 8.83 MHz, and then feed it to my panadapter. In the
>> > >> interest of not reinventing the wheel, has anyone done this and if
>> so,
>> > >> what parts have you used?
>> > >>
>> > >> I'm thinking I'm going to be purchasing some Mini-Circuits modules
>> (a
>> > >> mixer), and homebrew a buffer amplifier. By mixing the 73.05 MHz
>> mixer
>> > >> output with the 64.22 MHz LO2, I would have 8.83 MHz. A low-pass
>> filter
>> > >> would reject the unwanted signals.
>> > >>
>> > >> Heck, if I can make it work, I may even pony-up for the LP-Pan
>> stuff
>> (so
>> > >> I can use a WIDE 'puter display). :D
>> > >>
>> > >> 73,
>> > >> Bryan WA7PRC
>> > >>
>> > >> * The input amplifier on the SB620 (wired for 3395 KHz) can be
>> switched
>> > >> to operate as a mixer... 12225 LO - 8830 Input = 3395 KHz. I used a
>> > >> dead-bug oscillator w/ an old 2M xtal... 146.76 / 12 = 12.23 MHz
>> (close
>> > >> enough to adjust the SB620 sweep oscillator).
>> > >>
>> > >
>> > >
>> > >
>> >
>>
>>

>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9166. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-07 04:15:09 UTC
From: Bryan
Topic: 9158 Message: 9166

Thanks Clif,

I see it now (RTFM).

vy 73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Has anyone ever bothered to look at the schematic? Rather than guessing why not look. If you did you would discover a tap right after the 73.05 MIXER, well before the roofing filter. It is fed to a FET mixer all by itself which converts it to 8.83 and then is output to the back. Bandwidth is limited to the RX BPF of whatever band you are on.
>
> Contrary to popular belief Kenwood didn't fall off the turnip truck yesterday... GRIN.
>
> Clif

9167. Using a better mic: how to get the audio into the 850S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-07 13:06:53 UTC
From: Jonathan
Topic: 9167 Message: 9167

I have a rather nice condenser mic with a balanced output--a three-prong canon plug. I have no trouble providing phantom power--but I don't know exactly how/where to get the audio into the rig. I can get a 'line' or 'mic' level, either one.
Regards,
Jonathan KC7FYS

9168. Re: [TS-850_450_690] Using a better mic: how to get the audio into the 850S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-07 19:21:32 UTC
From: Dave ve3wej
Topic: 9167 Message: 9168

mike jack pin 1, gnd on pin 7, just like the manual states...

----- Original Message -----
From: "Jonathan" <kc7fys@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, April 07, 2010 9:06 AM
Subject: [TS-850_450_690] Using a better mic: how to get the audio into the 850S?

>I have a rather nice condenser mic with a balanced output--a three-prong
>canon plug. I have no trouble providing phantom power--but I don't know
>exactly how/where to get the audio into the rig. I can get a 'line' or
>'mic' level, either one.
> Regards,
> Jonathan KC7FYS
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9169. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-08 01:47:04 UTC
From: Bryan
Topic: 9158 Message: 9169

Hi Peter,

I tried connecting to the IF OUT1 jack but (so far) nothing. You may be right about the '620 needing to be driven harder. With my previous TS120S & TS130S rigs, I fashioned a buffer amplifier (about 14dB gain). I may need to do the same with the 850. I have a bunch of MMIC devices that should work FB.

So, another question... does anyone know what level I can expect at the IF OUT1 jack? The only thing I see in the service manual (page 101) is in the alignment section. It says, with 90dBu input, to peak L64 & L65 for maximum level.

And, thanks to all who've replied to my previous question.

73,
Bryan WA7PRC

Peter wrote:
>
> Bryan
>
> No need to go to all this trouble!
>
> The TS850 already has an 8.83Mhz IF output jack on the back.
> This is not restricted by any filtering and gives me 90Khz (i think limited by my sound card).
>
> It is quite low level, so might need a small amplifier depending upon the sensitivity of your SB620, but I tap it to a "softrock" with no problems.
>
> Regards
>
> peter

9170. Which DC - DC converter is best?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-08 06:45:02 UTC
From: Chris Kepus
Topic: 9170 Message: 9170

Searched the Kenwood parts store and got this back: first time for this 850S newbie so does anyone know if one of these parts is "better" than the other? They are the same price.

I get this forum in digest format so it may be a bit before I respond to anyone posting an answer to this question.

Tnx es 73, Chris W7JPG

X59-1100-00
<http://www.partstore.com/Part/Kenwood/Kenwood/X59110000/New.aspx>

Substitute Unit DC - DC TR-751A

Usually ships in 1 business day

KEN-X59-1100-00
<http://www.partstore.com/Part/Kenwood/Kenwood/KENX59110000/New.aspx>

KEN-X59-1100-00

Usually ships in 4 - 6 business days

Reference:

http://www.partstore.com/PartSearch.aspx?PartNumber=X59-1100-00&MfgName=kenwood&BrandName=kenwood&x=10&y=11

[Non-text portions of this message have been removed]

9171. Re: Which DC - DC converter is best?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-08 14:25:13 UTC
From: avvidclif
Topic: 9170 Message: 9171

Same part number!!!

Clif

--- In TS-850_450_690@yahoogroups.com, "Chris Kepus" <ckepus@...> wrote:
>
> Searched the Kenwood parts store and got this back: first time for this
> 850S newbie so does anyone know if one of these parts is "better" than the
> other? They are the same price.
>
>
>
> I get this forum in digest format so it may be a bit before I respond to
> anyone posting an answer to this question.
>
>
>
> Tnx es 73, Chris W7JPG
>
>
>
>
>
>
>
> X59-1100-00
> <http://www.partstore.com/Part/Kenwood/Kenwood/X59110000/New.aspx>
>
> Substitute Unit DC - DC TR-751A
>
> Usually ships in 1 business day
>
>
> KEN-X59-1100-00
> <http://www.partstore.com/Part/Kenwood/Kenwood/KENX59110000/New.aspx>
>
> KEN-X59-1100-00
>
> Usually ships in 4 - 6 business days
>
> Reference:
>
> http://www.partstore.com/PartSearch.aspx?PartNumber=X59-1100-00&MfgName=kenw
> ood&BrandName=kenwood&x=10&y=11
>
>

>
> [Non-text portions of this message have been removed]
>

9172. Re: Which DC - DC converter is best?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 06:26:34 UTC
From: Chris Kepus
Topic: 9170 Message: 9172

Clif said,

"Same part number!!!"

Yep, I saw that, too. Both parts did include the same part #. What I was asking is if there is any preference to the part with the prefix "KEN" (mfgd by Kenwood??) to the part listed as "Substitute Unit". There are so few parts involved it seems like it would not make any difference but I figured it would make sense to ask this group, anyway.

73,

Chris

W7JPG

[Non-text portions of this message have been removed]

9173. Re: [TS-850_450_690] Re: Which DC - DC converter is best?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 20:33:40 UTC
From: Dave ve3wej
Topic: 9170 Message: 9173

chances are that Kenwood parts will supply the substitute, and you would
have no choice in the matter. from what I heard they are getting scarce, and
take what is available...

----- Original Message -----
From: "Chris Kepus" <ckepus@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, April 11, 2010 2:26 AM
Subject: [TS-850_450_690] Re: Which DC - DC converter is best?

> Clif said,
>
> "Same part number!!!"
>
> Yep, I saw that, too. Both parts did include the same part #. What I was
> asking is if there is any preference to the part with the prefix "KEN"
> (mfgd
> by Kenwood??) to the part listed as "Substitute Unit". There are so few
> parts involved it seems like it would not make any difference but I
> figured
> it would make sense to ask this group, anyway.
>
> 73,
>
> Chris
>
> W7JPG
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9174. TS850 receiver problem?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 20:51:44 UTC
From: rovntoma
Topic: 9174 Message: 9174

After first transmission recieved signals (and noise) going dramatically up.The difference is 2-3S.I have 3el delta loop for 10m band with rotator.When I rotate antenna recieved signals dropping down.Also rotate back to the same position is not good.After first TX or pushing AT tuner on new position signals going up.When antenna stay on position,it is no problem,when is moved signals drops.Also drops after turn OFF/ON when AT tuner is not in auto mode.I used upper bands only and situation is the same for all upper bands.
1.I check small board X51...Surge absorber is smoked in the glass.
2.First relay TX/RX can be a problem?
3.It may be common problem D31 or Q49?
4.It may be AT tuner is in RX mods?

Any idea whats can be wrong?Or it is a normal?

9175. WWV Calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 23:29:47 UTC
From: Paul
Topic: 9175 Message: 9175

Hi folks. Need some help.
I need to calibrate my TS850SAT to WWV on 10 Mhz. Need to know the correct procedure please

9176. Re: [TS-850_450_690] WWV Calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 23:53:15 UTC
From: Steve Gehring, NL7W
Topic: 9175 Message: 9176

This procedure has worked well for me in the recent past*: *****

A Quick Dial Calibration Check (thanks to K6LL):

1. Tune the radio to 10Mhz, so you can hear WWV.

2. Press the "tune" button on the radio (keypad #7).
3. Set vfo A to 10000.10 KHz, or 10000.50 KHz [Use the keypad for exact frequency entry with the synthesizer].
4. Set vfo B to 9999.90 KHz, or 9999.50 KHz [Use the keypad for exact frequency entry with the synthesizer].
5. Flip back and forth between vfo A and B. On both, you should hear a low tone of about 100Hz [or 500 Hz if you choose the 500 Hz offset], just off zero beat of the WWV carrier. If the tones are not equal in frequency, adjust TC-5 on the PLL Unit, as follows:

TS-850 Quick Dial Calibration

6. Remove the TS-850 top cover.
7. There is a three-stack of boards on the left side of the radio. On the left side of the lowest shield, there is an elliptical cutout. Peek inside, and you will see the screwdriver-adjustable pot TC-5.
8. Make small adjustments to TC-5, and repeat step 5 above until the two tones are exactly equal in frequency.

It works...

NL7W

On 4/11/2010 3:29 PM, Paul wrote:
>
> Hi folks. Need some help.
> I need to calibrate my TS850SAT to WWV on 10 Mhz. Need to know the
> correct procedure please
>
>

[Non-text portions of this message have been removed]

9177. Re: Which DC - DC converter is best?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 22:14:26 UTC
From: Tom Jones N8NMA
Topic: 9170 Message: 9177

I just bought the one from East Coast Kenwood. Works fine. Some people have repaired them. I am going to repair the one I took out and keep it as a back up.

N8NMA
Tom

9178. TS-850 no receive after thunder

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-11 23:54:36 UTC
From: m3ult
Topic: 9178 Message: 9178

I have an TS-850 which suffered i presume a bout of rouge EMP. This had the effect of removing the receive capabilities completely. It still however,transmits with no apparent problems. I have looked at the surge protector and it is still intact and measures a 50 OHM resistance which i would presume to be correct. I wondered if it could be a problem with what i would presume to be a switching relay to the left of the surge protector. Could anyone please advise any help would be of benefit.

Thank you Shaun M3ULT

9179. Re: TS-850 no receive after thunder

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-12 13:39:19 UTC
From: avvidclif
Topic: 9178 Message: 9179

The resistance from the antenna connector to ground should be 47,000 ohms. Start by removing the surge suppressor and most likely replacing the 3 caps on the RAT line of the Filter unit B/3.

Clif

--- In TS-850_450_690@yahoogroups.com, "m3ult" <shaundickinson@...> wrote:
>
> I have an TS-850 which suffered i presume a bout of rouge EMP. This had the effect of removing the receive capabilities completely. It still however,transmits with no apparent problems. I have looked at the surge protector and it is still intact and measures a 50 OHM resistance which i would presume to be correct. I wondered if it could be a problem with what i would presume to be a switching relay to the left of the surge protector. Could anyone please advise any help would be of benefit.
>
> Thank you Shaun M3ULT
>

9180. Re: Which DC - DC converter is best?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-12 19:44:29 UTC
From: Chris Kepus
Topic: 9170 Message: 9180

Thanks to this group for your helpful info. I went ahead and ordered one from East Coast.

Chris

W7JPG

[Non-text portions of this message have been removed]

9181. Re: WWV Calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-12 23:40:24 UTC
From: kc5cqw
Topic: 9175 Message: 9181

Paul,

Do you have a soundcard interface of some sort?
I use a Tigertronics Signalink USB.
If you don't, get a 1/8" stereo patch cord from Radio Shack; you may need a 1/8" stereo to 1/4" mono adapter. You could also build one if you have the parts.

Basically, what you are going to do is send audio from the phone jack to the soundcard input.

Use this program if you have a PC:
http://www.zeitnitz.de/Christian/scope_en

Use this one for a Mac:
http://www.dogparksoftware.com/iSpectrum.html

Before you begin, make sure the room temperature is stable at your normal thermostat setting (If you have the TXCO installed, you can skip the thermal stabilization steps).
Next, open the top cover and drape a towel over the radio.
Now turn on the radio and let it warm up for about an hour or longer.

While it is warming up and stabilizing, tune into WWV at 10, 15 or 20MHz. You will want the highest frequency possible with a solid copy on AM.
With the software running and the spectrum/waterfall on screen, set markers for 500Hz and 600Hz.
The tones will alternate on the minutes that tones are TX from WWV. Look at: www.nist.gov for a broadcast schedule.

In AM mode, you should see a peak at 500Hz or 600Hz right on top of the markers.
Hint: If at any time you are not sure of the TX tone, just switch back to AM.

One or more hours after warmup...
Move just enough of the towel to the side to permit a NON-conductive flat bladed tuning tool into the reference adjustment access hole. Get a good purchase on the trimmer cap.
When you begin, it may be a little stiff, they tend to stick a bit after not being turn for a while.

Now in AM mode, verify the audio tone being TX for that minute.
Switch over to LSB or USB and see how far the tone has shifted (if at all).
Turn the trimmer cap until the tone is inline with the marker as needed.
Switch to the opposite sideband and verify the same.

It may take some practice to do this within one minute; remember that the tones flip flop!

Adjust the zoom within the software to give you more close in detail for finer tuning.
Now just dial it home as needed. A little movement here goes a long way so don't over shoot it.

Verify the alignment by toggling the sidebands. The tone should not move very much off from the marker.
Once you are satisfied, cover the radio and let it sit for an hour. You should not see any drift on screen. If you do, readjust as needed and let it stabilize for one more hour.
If it stays put, your all done! Now put the cover on and operate.

I have my TS-450S within 2Hz (0.7-1.5Hz) by using this method. I'm too broke to install a So-2 TXCO so I made an OCXO with a PTC soldered to the 20MHz XTAL and have it covered with a carved block of styrofoam. The general idea is as long as the inside of the radio doesn't go above 104 deg. F, it will be stable. 104 deg F is the cutoff temp for the PTC. It cost me about $3 and is rock solid for the digital modes!

Good luck with your calibration, if you have any questions email me at: KC5CQW at GMAIL dot COM.

73, Damon

--- In TS-850_450_690@yahoogroups.com, "Paul" <pawlud@...> wrote:
>
> Hi folks. Need some help.
> I need to calibrate my TS850SAT to WWV on 10 Mhz. Need to know the correct procedure please
>

9182. Re: WWV Calibration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-13 00:53:10 UTC
From: kc5cqw
Topic: 9175 Message: 9182

Typo: I meant to write TCXO... I'm sure there are several more typos and grammatical errors... Sorry, Damon

--- In TS-850_450_690@yahoogroups.com, "kc5cqw" <kc5cqw@...> wrote:
>
> Paul,
>
> Do you have a soundcard interface of some sort?
> I use a Tigertronics Signalink USB.
> If you don't, get a 1/8" stereo patch cord from Radio Shack; you may need a 1/8" stereo to 1/4" mono adapter. You could also build one if you have the parts.
>
> Basically, what you are going to do is send audio from the phone jack to the soundcard input.
>
> Use this program if you have a PC:
> http://www.zeitnitz.de/Christian/scope_en
>
> Use this one for a Mac:
> http://www.dogparksoftware.com/iSpectrum.html
>
> Before you begin, make sure the room temperature is stable at your normal thermostat setting (If you have the TXCO installed, you can skip the thermal stabilization steps).
> Next, open the top cover and drape a towel over the radio.
> Now turn on the radio and let it warm up for about an hour or longer.
>
> While it is warming up and stabilizing, tune into WWV at 10, 15 or 20MHz. You will want the highest frequency possible with a solid copy on AM.
> With the software running and the spectrum/waterfall on screen, set markers for 500Hz and 600Hz.
> The tones will alternate on the minutes that tones are TX from WWV. Look at: www.nist.gov for a broadcast schedule.
>
> In AM mode, you should see a peak at 500Hz or 600Hz right on top of the markers.
> Hint: If at any time you are not sure of the TX tone, just switch back to AM.
>
> One or more hours after warmup...
> Move just enough of the towel to the side to permit a NON-conductive flat bladed tuning tool into the reference adjustment access hole. Get a good purchase on the trimmer cap. When you begin, it may be a little stiff, they tend to stick a bit after not being turn for a while.
>
> Now in AM mode, verify the audio tone being TX for that minute.
> Switch over to LSB or USB and see how far the tone has shifted (if at all).
> Turn the trimmer cap until the tone is inline with the marker as needed.

> Switch to the opposite sideband and verify the same.
>
> It may take some practice to do this within one minute; remember that the tones flip flop!
>
> Adjust the zoom within the software to give you more close in detail for finer tuning.
> Now just dial it home as needed. A little movement here goes a long way so don't over shoot it.
>
> Verify the alignment by toggling the sidebands. The tone should not move very much off from the marker.
> Once you are satisfied, cover the radio and let it sit for an hour. You should not see any drift on screen. If you do, readjust as needed and let it stabilize for one more hour.
> If it stays put, your all done! Now put the cover on and operate.
>
> I have my TS-450S within 2Hz (0.7-1.5Hz) by using this method. I'm too broke to install a So-2 TXCO so I made an OCXO with a PTC soldered to the 20MHz XTAL and have it covered with a carved block of styrofoam. The general idea is as long as the inside of the radio doesn't go above 104 deg. F, it will be stable. 104 deg F is the cutoff temp for the PTC. It cost me about $3 and is rock solid for the digital modes!
>
> Good luck with your calibration, if you have any questions email me at: KC5CQW at GMAIL dot COM.
>
> 73, Damon
>
>
> --- In TS-850_450_690@yahoogroups.com, "Paul" <pawlud@> wrote:
> >
> > Hi folks. Need some help.
> > I need to calibrate my TS850SAT to WWV on 10 Mhz. Need to know the correct procedure please
> >
>

9183. TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-13 16:45:21 UTC
From: Tom Waraksa
Topic: 9183 Message: 9183

Just purchased a used TS-450SAT from Craig's List and have two questions:

1. Advice on how to remove the main tuning knob for cleaning. It has what appears to be a set screw hole but I do not see a slot for a screw driver.

2. It came with the standard hand held mic. Any suggestions on a desk mic (other than the prescribed Kenwood MC-60A)?

Thanks and 73,

Tom - AF8P

[Non-text portions of this message have been removed]

9184. Re: TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-13 18:01:21 UTC
From: avvidclif
Topic: 9183 Message: 9184

1.5mm allen screw.

Clif

--- In TS-850_450_690@yahoogroups.com, Tom Waraksa <tjwaraksa@...> wrote:
>
> Just purchased a used TS-450SAT from Craig's List and have two questions:
>
> 1. Advice on how to remove the main tuning knob for cleaning. It has what appears to be a set screw hole but I do not see a slot for a screw driver.
>
> 2. It came with the standard hand held mic. Any suggestions on a desk mic (other than the prescribed Kenwood MC-60A)?
>
> Thanks and 73,
>
> Tom - AF8P
>
>
>
>
> [Non-text portions of this message have been removed]
>

9185. Re: [TS-850_450_690] TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-14 01:37:51 UTC
From: Tom Osborne
Topic: 9183 Message: 9185

Hi Tom

Why not think about a boom mike? I have used one for a long time and it really frees you up instead of having to sit right in front of the mic. I use the Heil here.

I actually use mine on a pair of Radio Shack cordless headphones. Mounted it with some velcro. Now I need to figure a way to have a cordless mic to go on the cordless 'phones. 73
Tom W7WHY

2. It came with the standard hand held mic. Any suggestions on a desk mic (other than the prescribed Kenwood MC-60A)?

Thanks and 73,

Tom - AF8P

9186. Re: [TS-850_450_690] TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-14 01:43:14 UTC
From: Alberto Rojas
Topic: 9183 Message: 9186

My TS-450's mic is an ICOM SM-8, I change pin-out order to match to my kenwood rig.

I got an awesome audio
Alberto
YV-3-EDO/6
Sent using Blackberry Movistar

-----Original Message-----
From: "Tom Osborne" <w7why@...>
Date: Tue, 13 Apr 2010 18:37:51
To: <TS-850_450_690@yahoogroups.com>
Subject: Re: [TS-850_450_690] TS-450SAT - Two Things

Hi Tom

Why not think about a boom mike? I have used one for a long time and it
really frees you up instead of having to sit right in front of the mic. I
use the Heil here.

I actually use mine on a pair of Radio Shack cordless headphones. Mounted
it with some velcro. Now I need to figure a way to have a cordless mic to
go on the cordless 'phones. 73
Tom W7WHY

2. It came with the standard hand held mic. Any suggestions on a desk mic
(other than the prescribed Kenwood MC-60A)?

Thanks and 73,

Tom - AF8P

[Non-text portions of this message have been removed]

9187. Re: [TS-850_450_690] Re: TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-14 19:32:14 UTC
From: Tom Waraksa
Topic: 9183 Message: 9187

Clif,

Thanks very much. It was nearly impossible to see down the hole and now this makes sense.

73,

Tom-AF8P

--- On Tue, 4/13/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-450SAT - Two Things
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 13, 2010, 6:01 PM

1.5mm allen screw.

Clif

--- In TS-850_450_690@ yahoogroups. com, Tom Waraksa <tjwaraksa@. ..> wrote:
>
> Just purchased a used TS-450SAT from Craig's List and have two questions:
>
> 1. Advice on how to remove the main tuning knob for cleaning.   It has what appears to be a set screw hole but I do not see a slot for a screw driver.
>
> 2. It came with the standard hand held mic. Any suggestions on a desk mic (other than the prescribed Kenwood MC-60A)?
>
> Thanks and 73,
>
> Tom - AF8P
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9188. Re: [TS-850_450_690] TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-14 19:37:50 UTC
From: Tom Waraksa
Topic: 9183 Message: 9188

Thanks for the suggestion. Like many, I am creature of habit.

Tom

--- On Wed, 4/14/10, Tom Osborne <w7why@...> wrote:

From: Tom Osborne <w7why@...>
Subject: Re: [TS-850_450_690] TS-450SAT - Two Things
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, April 14, 2010, 1:37 AM

Hi Tom

Why not think about a boom mike? I have used one for a long time and it
really frees you up instead of having to sit right in front of the mic. I
use the Heil here.

I actually use mine on a pair of Radio Shack cordless headphones. Mounted
it with some velcro. Now I need to figure a way to have a cordless mic to
go on the cordless 'phones. 73
Tom W7WHY

2. It came with the standard hand held mic. Any suggestions on a desk mic
(other than the prescribed Kenwood MC-60A)?

Thanks and 73,

Tom - AF8P

[Non-text portions of this message have been removed]

9189. Re: [TS-850_450_690] TS-450SAT - Two Things

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-14 19:39:35 UTC
From: Tom Waraksa
Topic: 9183 Message: 9189

Another good suggestion. Thanks Alberto!

--- On Wed, 4/14/10, Alberto Rojas <yv3edo@...> wrote:

From: Alberto Rojas <yv3edo@...>
Subject: Re: [TS-850_450_690] TS-450SAT - Two Things
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, April 14, 2010, 1:43 AM

My TS-450's mic is an ICOM SM-8, I change pin-out order to match to my kenwood rig.

I got an awesome audio
Alberto
YV-3-EDO/6
Sent using Blackberry Movistar

-----Original Message-----
From: "Tom Osborne" <w7why@verizon. net>
Date: Tue, 13 Apr 2010 18:37:51
To: <TS-850_450_690@ yahoogroups. com>
Subject: Re: [TS-850_450_ 690] TS-450SAT - Two Things

Hi Tom

Why not think about a boom mike? I have used one for a long time and it
really frees you up instead of having to sit right in front of the mic. I
use the Heil here.

I actually use mine on a pair of Radio Shack cordless headphones. Mounted
it with some velcro. Now I need to figure a way to have a cordless mic to
go on the cordless 'phones. 73
Tom W7WHY

2. It came with the standard hand held mic. Any suggestions on a desk mic
(other than the prescribed Kenwood MC-60A)?

Thanks and 73,

Tom - AF8P

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9190. New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-19 15:43:39 UTC
From: Tom Waraksa
Topic: 9190 Message: 9190

Dear Group,

Just purchased a new (to me) TS-450S and got it on the air this weekend. Question: When operating CW do you call the other station above or below their operating (zero beat) frequency? With my Heath HW-8, you call the other station from above their frequency. I assume the same is true for the TS-450 since the receiver is receiving on the USB.

I know the rig has a "REV" BFO function, but I am talking under normal operating settings.

Thanks,

Tom - AF8P

[Non-text portions of this message have been removed]

9191. Re: [TS-850_450_690] New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-19 15:54:05 UTC
From: Zack Widup
Topic: 9190 Message: 9191

I don't have a 450 but with the 850, there is a "pitch" adjustment. You are zero-beat with the station you've tuned in when the pitch you hear matches the setting you've chosen. I have the pitch setting set at 700 Hz. When I tune in the CW station to have a 700 Hz pitch (which matches the sidetone pitch BTW) I am zero-beat with him.
I hope it's the same on the 450.

73, Zack W9SZ

On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@yahoo.com> wrote:

>
>
> Dear Group,
>
> Just purchased a new (to me) TS-450S and got it on the air this weekend.
> Question: When operating CW do you call the other station above or below
> their operating (zero beat) frequency? With my Heath HW-8, you call the
> other station from above their frequency. I assume the same is true for the
> TS-450 since the receiver is receiving on the USB.
>
> I know the rig has a "REV" BFO function, but I am talking under normal
> operating settings.
>
> Thanks,
>
> Tom - AF8P
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9192. Re: [TS-850_450_690] New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-19 16:09:42 UTC
From: Tom Waraksa
Topic: 9190 Message: 9192

Zack,

Thanks for the prompt reply. I have my sidetone pitch set at 800Hz which is the factory default. Unfortunately, with the 450, there are actuall two frequencies at which I could zero beat with the received signal. That would be 800Hz above and 800Hz below the other station's frequency. On my TS-820 I don't hear both, just one.

Hope I am asking the question correctly.

Thanks and 73's,

Tom - AF8P

--- On Mon, 4/19/10, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] New User CW Question on TS-450
To: TS-850_450_690@yahoogroups.com
Date: Monday, April 19, 2010, 3:54 PM

I don't have a 450 but with the 850, there is a "pitch" adjustment. You are
zero-beat with the station you've tuned in when the pitch you hear matches
the setting you've chosen. I have the pitch setting set at 700 Hz. When I
tune in the CW station to have a 700 Hz pitch (which matches the sidetone
pitch BTW) I am zero-beat with him.
I hope it's the same on the 450.

73, Zack W9SZ

On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@yahoo.com> wrote:

>
>
> Dear Group,
>
> Just purchased a new (to me) TS-450S and got it on the air this weekend.
> Question: When operating CW do you call the other station above or below
> their operating (zero beat) frequency? With my Heath HW-8, you call the
> other station from above their frequency. I assume the same is true for the
> TS-450 since the receiver is receiving on the USB.
>
> I know the rig has a "REV" BFO function, but I am talking under normal
> operating settings.
>
> Thanks,
>
> Tom - AF8P

>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

9193. Pie Wound Chokes

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-19 16:01:13 UTC
From: villy.madsen
Topic: 9193 Message: 9193

Any thoughts on where to get a 1mh pie wound choke (to protect the gas spark arrestor) ??

Or what be be used instead of the "ancient" choke ??

Thanks

Villy
ve6sq

9194. TX power droping down (850sat)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-19 21:18:52 UTC
From: rovntoma
Topic: 9194 Message: 9194

After turn on output power is dropped to 5-10w.(DC board mods was done half year ago).SWR is increase from 1,3 to 3!(tested with or without tuner, is the same)Antenna have good swr,another rig is working without problem.After 10 minutes radio is warm and TX output is normal 100w.PSU is good over 13,8V.Also RX problem is present.After first transmition RX signals going up.Surge absorber is smoked. It can be a problem?Or first relay?Any idea?

9195. Re: [TS-850_450_690] New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 02:53:22 UTC
From: Tom Osborne
Topic: 9190 Message: 9195

Hi Tom

I have 2 TS-450SAT's here and love 'em.

Just tune the station in and call them. When the tone is right for you, you're on frequency (or close enough for government work). 73

Tom W7WHY

Dear Group,

Just purchased a new (to me) TS-450S and got it on the air this weekend. Question: When operating CW do you call the other station above or below their operating (zero beat) frequency? With my Heath HW-8, you call the other station from above their frequency. I assume the same is true for the TS-450 since the receiver is receiving on the USB.

I know the rig has a "REV" BFO function, but I am talking under normal operating settings.

Thanks,

Tom - AF8P

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9196. Re: [TS-850_450_690] New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 02:57:07 UTC
From: Tom Osborne
Topic: 9190 Message: 9196

Hi Tom

I only get CW on one sideband in my radio. I have 400 and 250 cycle filters in them. When I tune in a station, when I get to zero beat, it disappears on the other side of zero beat. 73
Tom W7WHY

Zack,

Thanks for the prompt reply. I have my sidetone pitch set at 800Hz which is the factory default. Unfortunately, with the 450, there are actuall two frequencies at which I could zero beat with the received signal. That would be 800Hz above and 800Hz below the other station's frequency. On my TS-820 I don't hear both, just one.

Hope I am asking the question correctly.

Thanks and 73's,

Tom - AF8P

--- On Mon, 4/19/10, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] New User CW Question on TS-450
To: TS-850_450_690@yahoogroups.com
Date: Monday, April 19, 2010, 3:54 PM

I don't have a 450 but with the 850, there is a "pitch" adjustment. You are zero-beat with the station you've tuned in when the pitch you hear matches the setting you've chosen. I have the pitch setting set at 700 Hz. When I tune in the CW station to have a 700 Hz pitch (which matches the sidetone pitch BTW) I am zero-beat with him.
I hope it's the same on the 450.

73, Zack W9SZ

On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@...> wrote:

>
>
> Dear Group,
>
> Just purchased a new (to me) TS-450S and got it on the air this weekend.
> Question: When operating CW do you call the other station above or below
> their operating (zero beat) frequency? With my Heath HW-8, you call the
> other station from above their frequency. I assume the same is true for
> the

> TS-450 since the receiver is receiving on the USB.
>
> I know the rig has a "REV" BFO function, but I am talking under normal
> operating settings.
>
> Thanks,
>
> Tom - AF8P
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9197. Re: [TS-850_450_690] New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 04:40:58 UTC
From: Zack Widup
Topic: 9190 Message: 9197

Hmm ... is your IF shift knob set right? It should have the index pointing
at "0". Seems if this is set right and you're in CW mode, with a 500 Hz
filter or narrower, you should only be hearing one side of the CW signal.
But assuming you're in regular CW mode (CW) and not reversed CW mode (CW-R),
you should be tuning up from below the signal in frequency.

73, Zack W9SZ

On Mon, Apr 19, 2010 at 11:09 AM, Tom Waraksa <tjwaraksa@...> wrote:

>
>
> Zack,
>
> Thanks for the prompt reply. I have my sidetone pitch set at 800Hz which
> is the factory default. Unfortunately, with the 450, there are actuall two
> frequencies at which I could zero beat with the received signal. That would
> be 800Hz above and 800Hz below the other station's frequency. On my TS-820
> I don't hear both, just one.
>
> Hope I am asking the question correctly.
>
> Thanks and 73's,
>
> Tom - AF8P
>
> --- On Mon, 4/19/10, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> wrote:
>
> From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
> Subject: Re: [TS-850_450_690] New User CW Question on TS-450
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Monday, April 19, 2010, 3:54 PM
>
>
> I don't have a 450 but with the 850, there is a "pitch" adjustment. You are
> zero-beat with the station you've tuned in when the pitch you hear matches
> the setting you've chosen. I have the pitch setting set at 700 Hz. When I
> tune in the CW station to have a 700 Hz pitch (which matches the sidetone
> pitch BTW) I am zero-beat with him.
> I hope it's the same on the 450.
>
> 73, Zack W9SZ
>
> On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@...<tjwaraksa%40yahoo.com>>
> wrote:

>
> >
> >
> > Dear Group,
> >
> > Just purchased a new (to me) TS-450S and got it on the air this weekend.
> > Question: When operating CW do you call the other station above or below
> > their operating (zero beat) frequency? With my Heath HW-8, you call the
> > other station from above their frequency. I assume the same is true for
> the
> > TS-450 since the receiver is receiving on the USB.
> >
> > I know the rig has a "REV" BFO function, but I am talking under normal
> > operating settings.
> >
> > Thanks,
> >
> > Tom - AF8P
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING
TS-850_450_690@YAHOOGROUPS.COMYahoo<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9198. Re: New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 14:49:06 UTC
From: avvidclif
Topic: 9190 Message: 9198

If he's hearing the CW note both above and below then he's using the 6KC filter position.

Clif

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> Hmm ... is your IF shift knob set right? It should have the index pointing
> at "0". Seems if this is set right and you're in CW mode, with a 500 Hz
> filter or narrower, you should only be hearing one side of the CW signal.
> But assuming you're in regular CW mode (CW) and not reversed CW mode (CW-R),
> you should be tuning up from below the signal in frequency.
>
> 73, Zack W9SZ
>
> On Mon, Apr 19, 2010 at 11:09 AM, Tom Waraksa <tjwaraksa@...> wrote:
>
> > >
> > >
> > > Zack,
> > >
> > > Thanks for the prompt reply. I have my sidetone pitch set at 800Hz which
> > > is the factory default. Unfortunately, with the 450, there are actuall two
> > > frequencies at which I could zero beat with the received signal. That would
> > > be 800Hz above and 800Hz below the other station's frequency. On my TS-820
> > > I don't hear both, just one.
> > >
> > > Hope I am asking the question correctly.
> > >
> > > Thanks and 73's,
> > >
> > > Tom - AF8P
> > >
> > > --- On Mon, 4/19/10, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> > > wrote:
> > >
> > > From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
> > > Subject: Re: [TS-850_450_690] New User CW Question on TS-450
> > > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > > Date: Monday, April 19, 2010, 3:54 PM
> > >
> > >
> > > I don't have a 450 but with the 850, there is a "pitch" adjustment. You are
> > > zero-beat with the station you've tuned in when the pitch you hear matches
> > > the setting you've chosen. I have the pitch setting set at 700 Hz. When I
> > > tune in the CW station to have a 700 Hz pitch (which matches the sidetone

> > pitch BTW) I am zero-beat with him.
> > I hope it's the same on the 450.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@...<tjwaraksa%40yahoo.com>>
> > wrote:
> >
> > >
> > >
> > > Dear Group,
> > >
> > > Just purchased a new (to me) TS-450S and got it on the air this weekend.
> > > Question: When operating CW do you call the other station above or below
> > > their operating (zero beat) frequency? With my Heath HW-8, you call the
> > > other station from above their frequency. I assume the same is true for
> > the
> > > TS-450 since the receiver is receiving on the USB.
> > >
> > > I know the rig has a "REV" BFO function, but I am talking under normal
> > > operating settings.
> > >
> > > Thanks,
> > >
> > > Tom - AF8P
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9199. Re: [TS-850_450_690] Re: New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 16:43:38 UTC
From: Zack Widup
Topic: 9190 Message: 9199

Yeah, that's why I noted "with a 500 Hz filter or narrower." With my TS-850, using the 6 or 12 kHz wide filter positions enables me to hear the CW note on the other side of zero-beat.

73, Zack W9SZ

On Tue, Apr 20, 2010 at 9:49 AM, avvidclif <clif@...> wrote:

>
>
> If he's hearing the CW note both above and below then he's using the 6KC
> filter position.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:
> >
> > Hmm ... is your IF shift knob set right? It should have the index
> pointing
> > at "0". Seems if this is set right and you're in CW mode, with a 500 Hz
> > filter or narrower, you should only be hearing one side of the CW signal.
> > But assuming you're in regular CW mode (CW) and not reversed CW mode
> (CW-R),
> > you should be tuning up from below the signal in frequency.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Apr 19, 2010 at 11:09 AM, Tom Waraksa <tjwaraksa@...> wrote:
> >
> > >
> > >
> > > Zack,
> > >
> > > Thanks for the prompt reply. I have my sidetone pitch set at 800Hz
> which
> > > is the factory default. Unfortunately, with the 450, there are actuall
> two
> > > frequencies at which I could zero beat with the received signal. That
> would
> > > be 800Hz above and 800Hz below the other station's frequency. On my
> TS-820
> > > I don't hear both, just one.
> > >
> > > Hope I am asking the question correctly.

> > >
> > > Thanks and 73's,
> > >
> > > Tom - AF8P
> > >
> > > --- On Mon, 4/19/10, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> > > wrote:
> > >
> > > From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
>
> > > Subject: Re: [TS-850_450_690] New User CW Question on TS-450
> > > To: TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>
>
> > > Date: Monday, April 19, 2010, 3:54 PM
> > >
> > >
> > > I don't have a 450 but with the 850, there is a "pitch" adjustment. You
> are
> > > zero-beat with the station you've tuned in when the pitch you hear
> matches
> > > the setting you've chosen. I have the pitch setting set at 700 Hz. When
> I
> > > tune in the CW station to have a 700 Hz pitch (which matches the
> sidetone
> > > pitch BTW) I am zero-beat with him.
> > > I hope it's the same on the 450.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@
> ...<tjwaraksa%40yahoo.com>>
>
> > > wrote:
> > >
> > > >
> > > >
> > > > Dear Group,
> > > >
> > > > Just purchased a new (to me) TS-450S and got it on the air this
> weekend.
> > > > Question: When operating CW do you call the other station above or
> below
> > > > their operating (zero beat) frequency? With my Heath HW-8, you call
> the
> > > > other station from above their frequency. I assume the same is true
> for
> > > the
> > > > TS-450 since the receiver is receiving on the USB.

> > > >
> > > > I know the rig has a "REV" BFO function, but I am talking under
> normal
> > > > operating settings.
> > > >
> > > > Thanks,
> > > >
> > > > Tom - AF8P
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>
>
> > > Groups Links
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

9200. Digital sounding noise on some frequencies, YM6631 failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 19:35:14 UTC
From: synthetik22
Topic: 9200 Message: 9200

Hi Group,

I just have my hands on a TS 850S which I have received from some other OM. He wanted to sell this rig to me, but while testing I found lots of strange sounding digital birdies on every band (about 10hz wide, 500Hz distance) This all sounds after a severe digital distortion. All caps on the CAR bord have been exchanged, just to mention that. It seems to be a termal problem, as the distortion freqeuncy is moving during startup. It almost disapears after a while. E.g. I got proper RX from 7,00000 to 7,00050 and then only distortion noise untill 7,00060 but then again the RX is fine... Now, if I slightly cool the chip IC1, the distortion moves up or disapears for a while. I checked all other parts with the cooling spray but only IC1 (YM6631) reacts on this. Do you think that IC1 (YM6613) is the problem? If yes, where can I get one? It seems hard to get this part. I already spend some time googling and mailing but was unable to find someone who would share one part (of course fo r money in exchange).

Any ideas?

best 73s Tobias DG3YEV

9201. Re: [TS-850_450_690] Re: New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 21:46:27 UTC
From: Tom Waraksa
Topic: 9190 Message: 9201

Clif,

Thanks to all that have replied, but Clif, you make a great point. Never had a rig where you could chose your IF bandwidth filters before. I will run a test and let the group now.

Thanks,

Tom - AF8P

--- On Tue, 4/20/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: New User CW Question on TS-450
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 20, 2010, 2:49 PM

If he's hearing the CW note both above and below then he's using the 6KC filter position.

Clif

--- In TS-850_450_690@ yahoogroups. com, Zack Widup <w9sz.zack@. ..> wrote:
>
> Hmm ... is your IF shift knob set right? It should have the index pointing
> at "0". Seems if this is set right and you're in CW mode, with a 500 Hz
> filter or narrower, you should only be hearing one side of the CW signal.
> But assuming you're in regular CW mode (CW) and not reversed CW mode (CW-R),
> you should be tuning up from below the signal in frequency.
>
> 73, Zack W9SZ
>
> On Mon, Apr 19, 2010 at 11:09 AM, Tom Waraksa <tjwaraksa@. ..> wrote:
>
> >
> >
> > Zack,
> >
> > Thanks for the prompt reply. I have my sidetone pitch set at 800Hz which
> > is the factory default. Unfortunately, with the 450, there are actuall two
> > frequencies at which I could zero beat with the received signal. That would
> > be 800Hz above and 800Hz below the other station's frequency. On my TS-820
> > I don't hear both, just one.
> >
> > Hope I am asking the question correctly.
> >
> > Thanks and 73's,
> >
> > Tom - AF8P

> >
> > --- On Mon, 4/19/10, Zack Widup <w9sz.zack@. ..<w9sz.zack% 40gmail.com> >
> > wrote:
> >
> > From: Zack Widup <w9sz.zack@. .. <w9sz.zack%40gmail. com>>
> > Subject: Re: [TS-850_450_ 690] New User CW Question on TS-450
> > To: TS-850_450_690@ yahoogroups. com <TS-850_450_ 690%40yahoogroup s.com>
> > Date: Monday, April 19, 2010, 3:54 PM
> >
> >
> > I don't have a 450 but with the 850, there is a "pitch" adjustment. You are
> > zero-beat with the station you've tuned in when the pitch you hear matches
> > the setting you've chosen. I have the pitch setting set at 700 Hz. When I
> > tune in the CW station to have a 700 Hz pitch (which matches the sidetone
> > pitch BTW) I am zero-beat with him.
> > I hope it's the same on the 450.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@. ..<tjwaraksa% 40yahoo.com> >
> > wrote:
> >
> > >
> > >
> > > Dear Group,
> > >
> > > Just purchased a new (to me) TS-450S and got it on the air this weekend.
> > > Question: When operating CW do you call the other station above or below
> > > their operating (zero beat) frequency? With my Heath HW-8, you call the
> > > other station from above their frequency. I assume the same is true for
> > the
> > > TS-450 since the receiver is receiving on the USB.
> > >
> > > I know the rig has a "REV" BFO function, but I am talking under normal
> > > operating settings.
> > >
> > > Thanks,
> > >
> > > Tom - AF8P
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------ --------- --------- ------
> >
> > THANKS FOR USING TS-850_450_690@ ...<TS-850_ 450_690%40YAHOOG ROUPS.COMYahoo> !

> > Groups Links
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9202. Re: [TS-850_450_690] Re: New User CW Question on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-20 21:48:09 UTC
From: Tom Waraksa
Topic: 9190 Message: 9202

Thanks Zack. It is making sense now. I'm embarassed.

--- On Tue, 4/20/10, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] Re: New User CW Question on TS-450
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, April 20, 2010, 4:43 PM

Yeah, that's why I noted "with a 500 Hz filter or narrower." With my TS-850,
using the 6 or 12 kHz wide filter positions enables me to hear the CW note
on the other side of zero-beat.

73, Zack W9SZ

On Tue, Apr 20, 2010 at 9:49 AM, avvidclif <clif@...> wrote:

>
>
> If he's hearing the CW note both above and below then he's using the 6KC
> filter position.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:
> >
> > Hmm ... is your IF shift knob set right? It should have the index
> pointing
> > at "0". Seems if this is set right and you're in CW mode, with a 500 Hz
> > filter or narrower, you should only be hearing one side of the CW signal.
> > But assuming you're in regular CW mode (CW) and not reversed CW mode
> (CW-R),
> > you should be tuning up from below the signal in frequency.
> >
> > 73, Zack W9SZ
> >
> > On Mon, Apr 19, 2010 at 11:09 AM, Tom Waraksa <tjwaraksa@...> wrote:
> >
> > >
> > >
> > > Zack,
> > >
> > > Thanks for the prompt reply. I have my sidetone pitch set at 800Hz
> which

> > > is the factory default. Unfortunately, with the 450, there are actuall
> two
> > > frequencies at which I could zero beat with the received signal. That
> would
> > > be 800Hz above and 800Hz below the other station's frequency. On my
> TS-820
> > > I don't hear both, just one.
> > >
> > > Hope I am asking the question correctly.
> > >
> > > Thanks and 73's,
> > >
> > > Tom - AF8P
> > >
> > > --- On Mon, 4/19/10, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> > > wrote:
> > >
> > > From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
>
> > > Subject: Re: [TS-850_450_690] New User CW Question on TS-450
> > > To: TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>
>
> > > Date: Monday, April 19, 2010, 3:54 PM
> > >
> > >
> > > I don't have a 450 but with the 850, there is a "pitch" adjustment. You
> are
> > > zero-beat with the station you've tuned in when the pitch you hear
> matches
> > > the setting you've chosen. I have the pitch setting set at 700 Hz. When
> I
> > > tune in the CW station to have a 700 Hz pitch (which matches the
> sidetone
> > > pitch BTW) I am zero-beat with him.
> > > I hope it's the same on the 450.
> > >
> > > 73, Zack W9SZ
> > >
> > > On Mon, Apr 19, 2010 at 10:43 AM, Tom Waraksa <tjwaraksa@
> ...<tjwaraksa%40yahoo.com>>
>
> > > wrote:
> > >
> > > >
> > > >
> > > > Dear Group,
> > > >
> > > > Just purchased a new (to me) TS-450S and got it on the air this

> weekend.
> > > > Question: When operating CW do you call the other station above or
> below
> > > > their operating (zero beat) frequency? With my Heath HW-8, you call
> the
> > > > other station from above their frequency. I assume the same is true
> for
> > > the
> > > > TS-450 since the receiver is receiving on the USB.
> > > >
> > > > I know the rig has a "REV" BFO function, but I am talking under
> normal
> > > > operating settings.
> > > >
> > > > Thanks,
> > > >
> > > > Tom - AF8P
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>
>
> > > Groups Links
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

9203. Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-22 02:08:34 UTC
From: John M
Topic: 9203 Message: 9203

Anyone have one for sale?

73,
John N1JM

9204. I can transmit OK up to 1.849 but not on 1.850 up on my TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-23 21:48:11 UTC
From: Barry
Topic: 9204 Message: 9204

Hello, I am experimenting with a aerial for top band, to use with my TS-850s.
I can transmit OK up to 1.849 but not on 1.850 up.
The manual says it should have a frequency range of 1.8 to 2.0 MHz.
Any thoughts?
Barry M0IOW

9205. Re: [TS-850_450_690] I can transmit OK up to 1.849 but not on 1.850 up on my TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-24 04:16:37 UTC
From: Dave ve3wej
Topic: 9204 Message: 9205

did you try a reset of the cpu???

----- Original Message -----
From: "Barry" <Barry@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, April 23, 2010 5:48 PM
Subject: [TS-850_450_690] I can transmit OK up to 1.849 but not on 1.850 up on my TS850s

> Hello, I am experimenting with a aerial for top band, to use with my
> TS-850s.
> I can transmit OK up to 1.849 but not on 1.850 up.
> The manual says it should have a frequency range of 1.8 to 2.0 MHz.
> Any thoughts?
> Barry M0IOW
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9206. Re: TX power droping down (850sat)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-24 08:35:17 UTC
From: rovntoma
Topic: 9194 Message: 9206

ALC voltage was 2,2V.After seting VR14 to 2,7V all seems to be OK.

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <rovntoma@...> wrote:
>
> After turn on output power is dropped to 5-10w.(DC board
> mods was done half year ago).SWR is increase from 1,3
> to 3!(tested with or without tuner, is the same)Antenna
> have good swr,another rig is working without problem.After
> 10 minutes radio is warm and TX output is normal 100w.PSU
> is good over 13,8V.Also RX problem is present.After first
> transmition RX signals going up.Surge absorber is smoked.
> It can be a problem?Or first relay?Any idea?
>

9207. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-24 18:42:56 UTC
From: Bryan
Topic: 9158 Message: 9207

I didn't get a response so, I figured it out on my own. The matching panadapter for the 850 is the SM230. The service manual for that unit states the input sensitivity is 20 dBu/DIV. The user manual states 10uV/DIV (the same as the service manual, stated differently). There are eight divisions on the CRT so, full-scale deflection requires 80uV. My SM220 w/BS-8 states the same sensitivity. I don't like how it works (terrible drift, PITA to change between TX & RX monitoring, lack of graticule marking for panadapter use, etc). So, until I get setup with LP-Pan, I needed to determine the input sensitivity of my SB620 (w/ input amplifier configured to operate as a mixer).

I pumped an RF generator into the SB620 until it deflected full scale (550mV @ 12.23 MHz heterodyne osc injection). Result: 200mV RMS. This tells me I need Av = 2500 (200mV / 80uV), or about 68dB gain. I have four MAR-3 MMIC amplifiers built that give me 10dB power gain or, if unterminated, 20dB voltage gain. I expect I'll need good shielding and decoupling between stages. As they say, "Film at 11:00"!

73,
Bryan WA7PRC

Bryan WA7PRC wrote:
>
> Hi Peter,
>
> I tried connecting to the IF OUT1 jack but (so far) nothing. You may be right about the '620 needing to be driven harder. With my previous TS120S & TS130S rigs, I fashioned a buffer amplifier (about 14dB gain). I may need to do the same with the 850. I have a bunch of MMIC devices that should work FB.
>
> So, another question... does anyone know what level I can expect at the IF OUT1 jack? The only thing I see in the service manual (page 101) is in the alignment section. It says, with 90dBu input, to peak L64 & L65 for maximum level.
>
> And, thanks to all who've replied to my previous question.
>
> 73,
> Bryan WA7PRC
>
> Peter wrote:
> >
> > Bryan
> >
> > No need to go to all this trouble!
> >
> > The TS850 already has an 8.83Mhz IF output jack on the back.
> > This is not restricted by any filtering and gives me 90Khz (i think limited by my sound card).
> >

> > It is quite low level, so might need a small amplifier depending upon the sensitivity of your SB620, but I tap it to a "softrock" with no problems.
> >
> > Regards
> >
> > peter

9208. RE: [TS-850_450_690] I can transmit OK up to 1.849 but not on 1.850 up on my TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-24 22:36:03 UTC
From: Barry
Topic: 9204 Message: 9208

Hello, yes I have tried that with no luck.
Barry M0IOW

> did you try a reset of the cpu???
>
> > Hello, I am experimenting with a aerial for top band, to use with my
> > TS-850s.
> > I can transmit OK up to 1.849 but not on 1.850 up.
> > The manual says it should have a frequency range of 1.8 to 2.0 MHz.
> > Any thoughts?
> > Barry M0IOW

9209. ts-850 kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-25 19:40:02 UTC
From: J R
Topic: 9209 Message: 9209

i guys im still trying to figure i have no transmit output power .i have email clff a couple of times and what he found was i only have 38,8 ohms at the antenna conector and cliff says should be 47.9 or 48.9 somethink like that and there is my problem but i cant find it yet for one only have a VOM digital job but i have ckecked the caps for leakage looks ok and it has the newer chips in it batterys ckecks ok finals cked ok .
but here is what happened i was listen one day well everyone started to sound like they had rf on the signal and keep getting worst till i could understand no one cut the radio off and back on clear as a bell . 15 minures later same think . so im thinging something is getting hot . ok then the radio became clear as a bell agin no rf sound on there audio . but thren i was going to talk to someone and i seen i had no audio and signal going out no output power so i agn put headphones on hit the moni button and i can here myself whistle and audio but it shows nothing on the watt meter . i also looked at the dc -dc board for those 4 caps there are none to leak loks good ..
im not the smarts cookie in the jar . i need help pse any ideals i also had the oh the automatic tuner doesnt work but cliff told me it would because no power out .
i have ckecked c1 on the car -unit .
i never notice the acl jumping or power going up and down was alwas good .
somethink goog hot and blow and i cant find it or where to look i have a servce manual on the way .mit help .
tnx JR wu8q

[Non-text portions of this message have been removed]

9210. Re: ts-850 kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-25 22:39:20 UTC
From: avvidclif
Topic: 9209 Message: 9210

You didn't read my e-mail correctly.

You should have 50,000 ohms at the antenna connector.

Clif

--- In TS-850_450_690@yahoogroups.com, J R <wu8q2000@...> wrote:
>
> i guys im still trying to figure i have no transmit output power .i have email clff a couple of times and what he found was i only have 38,8 ohms at the antenna conector and cliff says should be 47.9 or 48.9 somethink like that and there is my problem but i cant find it yet for one only have a VOM digital job but i have ckecked the caps for leakage looks ok and it has the newer chips in it batterys ckecks ok finals cked ok .
> but here is what happened i was listen one day well everyone started to sound like they had rf on the signal and keep getting worst till i could understand no one cut the radio off and back on clear as a bell . 15 minures later same think . so im thinging something is getting hot . ok then the radio became clear as a bell agin no rf sound on there audio . but thren i was going to talk to someone and i seen i had no audio and signal going out no output power so i agn put headphones on hit the moni button and i can here myself whistle and audio but it shows nothing on the watt meter . i also looked at the dc -dc board for those 4 caps there are none to leak loks good ..
> im not the smarts cookie in the jar . i need help pse any ideals i also had the oh the automatic tuner doesnt work but cliff told me it would because no power out .
> i have ckecked c1 on the car -unit .
> i never notice the acl jumping or power going up and down was alwas good .
> somethink goog hot and blow and i cant find it or where to look i have a servce manual on the way .mit help .
> tnx JR wu8q
>
>
>
>
> [Non-text portions of this message have been removed]
>

9212. Re: Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 00:54:01 UTC
From: nm9p
Topic: 9203 Message: 9212

I am thinking of selling my 850SAT (50 mil serial) with optional CW filters in both IF's (a 250Hz in the 8.8 and a 500 Hz in the .455) Built in antenna tuner wors fine. I am original owner, purchased in 1993 for $1,800 from R&L, then added the 500Hz filter.

The only mods to the rig are the noise blanker mod and the 60 Meter mod (diode clip to open up transmitter to allow 60 Meters)

I have been thinking of selling it help[finance the purchase of a Flex 3000 or Flex 5000. (I can't believe I am typng this now, because I have LOVED this rig.)

I haven't put a price on it yet. I am still researching it, and also whether to sell the filters separately. Is this the serial # range you were looking for?

Ken - NM9P

"John M" <johnn1jm@...> wrote:
>
> Anyone have one for sale?
>
> 73,
> John N1JM
>

9213. Re: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 01:00:38 UTC
From: Jordan
Topic: 9203 Message: 9213

Ken... Have you thought about getting an LP-Pan for your 850 and using it as a semi-SDR..?
73...Jordan....VE6ZT

----- Original Message -----
From: nm9p
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 26, 2010 6:54 PM
Subject: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT

I am thinking of selling my 850SAT (50 mil serial) with optional CW filters in both IF's (a 250Hz in the 8.8 and a 500 Hz in the .455) Built in antenna tuner wors fine. I am original owner, purchased in 1993 for $1,800 from R&L, then added the 500Hz filter.

The only mods to the rig are the noise blanker mod and the 60 Meter mod (diode clip to open up transmitter to allow 60 Meters)

I have been thinking of selling it help[finance the purchase of a Flex 3000 or Flex 5000. (I can't believe I am typng this now, because I have LOVED this rig.)

I haven't put a price on it yet. I am still researching it, and also whether to sell the filters separately. Is this the serial # range you were looking for?

Ken - NM9P

"John M" <johnn1jm@...> wrote:
>
> Anyone have one for sale?
>
> 73,
> John N1JM
>

[Non-text portions of this message have been removed]

9214. Re: Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 01:14:06 UTC
From: nm9p
Topic: 9203 Message: 9214

Tell me more about LP-Pan... Is that an adapter that hooks up to the panadapter port and uses the Power SDR software?

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Ken... Have you thought about getting an LP-Pan for your 850 and using it as a semi-SDR..? 73...Jordan....VE6ZT
>
>
> ----- Original Message -----
> From: nm9p
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, April 26, 2010 6:54 PM
> Subject: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT
>
>
>
> I am thinking of selling my 850SAT (50 mil serial) with optional CW filters in both IF's (a 250Hz in the 8.8 and a 500 Hz in the .455) Built in antenna tuner wors fine. I am original owner, purchased in 1993 for $1,800 from R&L, then added the 500Hz filter.
>
> The only mods to the rig are the noise blanker mod and the 60 Meter mod (diode clip to open up transmitter to allow 60 Meters)
>
> I have been thinking of selling it help[finance the purchase of a Flex 3000 or Flex 5000. (I can't believe I am typng this now, because I have LOVED this rig.)
>
> I haven't put a price on it yet. I am still researching it, and also whether to sell the filters separately. Is this the serial # range you were looking for?
>
> Ken - NM9P
>
> "John M" <johnn1jm@> wrote:
> >
> > Anyone have one for sale?
> >
> > 73,
> > John N1JM
> >
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

9215. Re: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 01:29:13 UTC
From: Jordan
Topic: 9203 Message: 9215

Yes...that's pretty much it in a nutshell Ken..... 73....

----- Original Message -----
From: nm9p
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 26, 2010 7:14 PM
Subject: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT

Tell me more about LP-Pan... Is that an adapter that hooks up to the panadapter port and uses the Power SDR software?

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Ken... Have you thought about getting an LP-Pan for your 850 and using it as a semi-SDR..? 73...Jordan....VE6ZT
>
>
> ----- Original Message -----
> From: nm9p
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, April 26, 2010 6:54 PM
> Subject: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT
>
>
>
> I am thinking of selling my 850SAT (50 mil serial) with optional CW filters in both IF's (a 250Hz in the 8.8 and a 500 Hz in the .455) Built in antenna tuner wors fine. I am original owner, purchased in 1993 for $1,800 from R&L, then added the 500Hz filter.
>
> The only mods to the rig are the noise blanker mod and the 60 Meter mod (diode clip to open up transmitter to allow 60 Meters)
>
> I have been thinking of selling it help[finance the purchase of a Flex 3000 or Flex 5000. (I can't believe I am typng this now, because I have LOVED this rig.)
>
> I haven't put a price on it yet. I am still researching it, and also whether to sell the filters separately. Is this the serial # range you were looking for?
>
> Ken - NM9P
>
> "John M" <johnn1jm@> wrote:
> >
> > Anyone have one for sale?
> >

> > 73,
> > John N1JM
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9216. TS690SAT for use on LF 137 and MF 500

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 09:24:17 UTC
From: James Cowburn
Topic: 9216 Message: 9216

Dear All,

I have a kenwood TS690SAT and I want to use it on LF (137KHz) and MF (500KHz). Has anyone got the mod for the removal of the broadcast attenuator. I gather it is just a jumper that needs to be made/unmade but cant find a reference for the location anywhere on the web.

Also I have done the MARS/CAP mod and the TS690S will tx down as far as 1.7MHz but no lower. Is there another mod that will take the TX range to match the RX?

I know the BPF array is not designed to cope down that low but I will only be using very low power to drive a LF/MF amp so it should be fine. I have an ICOM 706mk2g which is quite happy at 500 giving out 10w and keeping cool so I would guess that the 690 should be similar its just a case of getting it to fire up

Thanks for any suggestions/guidance/pointers

With best regards

Jim

Dr. James Cowburn G7NKS

IO92UB

UK

With best regards

Jim

Dr. James Cowburn

26 Birch Close

Broom

Biggleswade

Beds

SG18 9NR

T +44 (0) 1767 600522

M+44 (0) 7967 300152

E <blocked::mailto:james.cowburn@...> james.cowburn@...

The information transmitted is intended only for the person to whom it is addressed and may contain confidential and/or privileged material. If you are not the intended recipient, you are hereby notified that you must not read this message.
Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. Consequently, this email is not intended to be contractually binding.
If you received this in error, please contact the sender, return the message as well as its attachments and delete the whole from any computer.

[Non-text portions of this message have been removed]

9217. Re: Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 14:26:47 UTC
From: clintws1v
Topic: 9203 Message: 9217

I was considering an LP-Pan for my 850, how difficult is this to setup ? Can anyone here lend any pointers ?

Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Ken... Have you thought about getting an LP-Pan for your 850 and using it as a semi-SDR..? 73...Jordan....VE6ZT
>
>

9218. Re: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 15:17:17 UTC
From: Jordan
Topic: 9203 Message: 9218

Hi Clint... I just received my LP-Pan kit, so it might be a week or so before I put the kit together....There are many many You-tube videos regarding the 850 and the LP-Pan....73...Jordan...

----- Original Message -----
From: clintws1v
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 27, 2010 8:26 AM
Subject: [TS-850_450_690] Re: Looking for a Late serial Number TS-850SAT

I was considering an LP-Pan for my 850, how difficult is this to setup ? Can anyone here lend any pointers ?

Clint
WS1V

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Ken... Have you thought about getting an LP-Pan for your 850 and using it as a semi-SDR..? 73...Jordan....VE6ZT
>
>

[Non-text portions of this message have been removed]

9219. TS-450S Crystal Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 18:01:14 UTC
From: Tom Waraksa
Topic: 9219 Message: 9219

I am looking for a crystal filter for my TS-450S. Specifically the "YK-88C-1". The Kenwood part number is "L71-0236-15". Do these come in both screw mount and solder mount packages? Will either work in the rig? I have never seen a screw mount on eBay or QRZ.

Thanks,

Tom - AF8P

[Non-text portions of this message have been removed]

9220. Re: TS-450S Crystal Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 18:56:57 UTC
From: avvidclif
Topic: 9219 Message: 9220

The screw mount and solder mount are not interchangeable, different center frequency.

Clif

--- In TS-850_450_690@yahoogroups.com, Tom Waraksa <tjwaraksa@...> wrote:
>
> I am looking for a crystal filter for my TS-450S. Specifically the "YK-88C-1". The Kenwood part number is "L71-0236-15". Do these come in both screw mount and solder mount packages? Will either work in the rig? I have never seen a screw mount on eBay or QRZ.
>
> Thanks,
>
> Tom - AF8P
>
>
>
>
> [Non-text portions of this message have been removed]
>

9221. Re: [TS-850_450_690] TS-450S Crystal Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 21:02:48 UTC
From: Crownhaven
Topic: 9219 Message: 9221

That is a 500 Hz filter. It is on a board with holes on each end that you plug into the board on your radio. There are dip switches that have to be manipulated to enable it. Further, there are a couple of screws to hold it in place. When you install it, just make sure you have the prongs in the radio perfectly aligned with the filter so you don't bend anything. Even I can install one of these.

Steve, N4JQQ

On 4/27/2010 1:01 PM, Tom Waraksa wrote:
>
> I am looking for a crystal filter for my TS-450S. Specifically the
> "YK-88C-1". The Kenwood part number is "L71-0236-15". Do these come
> in both screw mount and solder mount packages? Will either work in
> the rig? I have never seen a screw mount on eBay or QRZ.
>
> Thanks,
>
> Tom - AF8P
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9222. Fwd: Re: Fw: Re: [TS-850_450_690] TS-450S Crystal Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 21:54:39 UTC
From: Crownhaven
Topic: 9222 Message: 9222

-------- Original Message --------
Subject: Re: Fw: Re: [TS-850_450_690] TS-450S Crystal Filters
Date: Tue, 27 Apr 2010 16:54:21 -0500
From: Crownhaven <crownhaven@...>
To: Tom Waraksa <tjwaraksa@...>

I have the filter in a TS-850S/TS-450S and TS-690S along with the YG-455C-1 which is the 500 Hz filter for the other IF. I also have a TS-850S with the INRAD 400 Hz filters in them. I am a CW operator although not an HF contester. I am chasing DX typically. The 500 Hz filters are fine for me. I don't really like a filter narrower than 400 Hz. I typically listen with the radio wide open and use the filters when needed once I find someone I want to work.

I know I am going to get blasted here but I personally can tell only a small difference between the INRAD and Kenwood filters. Caveat......I'm not using them in crowded bands, contest conditions. Perhaps someone with more experience can make the case for the INRAD filters but I'm fine with the Kenwood pair as well as the INRAD.

I do like having the YK-88SN-1, 1800 Hz filter in the mix too. I was going to buy the same filter from INRAD and see how that worked out. The SSB filter is definitely a plus in the 450/690 but not necessarily as valuable in the 850.

Other's mileage may vary. Filter discussions are always interesting. As another fellow said, "I'm not trying to start a fight here." :))))))

Regards,

Steve, N4JQQ

On 4/27/2010 4:30 PM, Tom Waraksa wrote:
> Thanks very much Steve. Do you have this filter? Do you like the
> performance?
> Tom - AF8P
>
> --- On *Tue, 4/27/10, Crownhaven /<crownhaven@...>/* wrote:
>
>
> From: Crownhaven <crownhaven@...>
> Subject: Re: [TS-850_450_690] TS-450S Crystal Filters
> To: TS-850_450_690@yahoogroups.com
> Date: Tuesday, April 27, 2010, 9:02 PM
>
> That is a 500 Hz filter. It is on a board with holes on each end that
> you plug into the board on your radio. There are dip switches that

> have
> to be manipulated to enable it. Further, there are a couple of screws
> to hold it in place. When you install it, just make sure you have the
> prongs in the radio perfectly aligned with the filter so you don't
> bend
> anything. Even I can install one of these.
>
> Steve, N4JQQ
>
> On 4/27/2010 1:01 PM, Tom Waraksa wrote:
> >
> > I am looking for a crystal filter for my TS-450S. Specifically the
> > "YK-88C-1". The Kenwood part number is "L71-0236-15" . Do these
> come
> > in both screw mount and solder mount packages? Will either work in
> > the rig? I have never seen a screw mount on eBay or QRZ.
> >
> > Thanks,
> >
> > Tom - AF8P
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>

[Non-text portions of this message have been removed]

9223. Re: [TS-850_450_690] TS-450S Crystal Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-27 22:21:36 UTC
From: Chuck Goelz
Topic: 9219 Message: 9223

Actually Tom, there are both a YK-88C-1 and a YG-455C-1 listed on eBay right now. Both from the same seller, both auctions ending in 5 days... These are both plug-in filters appropriate for your TS-450S.

Cheers,
Chuck, WA3CEJ
----- Original Message -----
From: Tom Waraksa
To: Kenwood TS 450 Users Group
Sent: Tuesday, April 27, 2010 2:01 PM
Subject: [TS-850_450_690] TS-450S Crystal Filters

I am looking for a crystal filter for my TS-450S. Specifically the "YK-88C-1". The Kenwood part number is "L71-0236-15". Do these come in both screw mount and solder mount packages? Will either work in the rig? I have never seen a screw mount on eBay or QRZ.

Thanks,

Tom - AF8P

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9224. Re: [TS-850_450_690] TS-450S Crystal Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-28 03:03:11 UTC
From: Tom Osborne
Topic: 9219 Message: 9224

Hi Tom

I have 2 TS-450SAT's here, and in one of them I have the plug in filters and the other one I soldered the filters in (I happened to have some Fox Tango filters with out the plug in board).

You might check www.qth.com/inrad for their filters. Much, much better than the Kenwood filters. 73
Tom W7WHY

I am looking for a crystal filter for my TS-450S. Specifically the "YK-88C-1". The Kenwood part number is "L71-0236-15". Do these come in both screw mount and solder mount packages? Will either work in the rig? I have never seen a screw mount on eBay or QRZ.

Thanks,

Tom - AF8P

9225. Re : [TS-850_450_690] Looking for a Late serial Number TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-04-30 13:50:48 UTC
From: cesanet lapomme
Topic: 9203 Message: 9225

Yes I do have one for sale , ser no in 70 million... would not take less than $850.00

Serge

--- En date de : Mer 21.4.10, John M <johnn1jm@...> a écrit :

De: John M <johnn1jm@...>
Objet: [TS-850_450_690] Looking for a Late serial Number TS-850SAT
À: TS-850_450_690@yahoogroups.com
Date: Mercredi 21 avril 2010, 22h08

Anyone have one for sale?

73,
John N1JM

[Non-text portions of this message have been removed]

9226. Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-02 20:19:04 UTC
From: PaulC
Topic: 9226 Message: 9226

I have owned a TS-850-SAT since it was new, and I loved it (and I still do!!!)

I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was put away.

Now I want to get it back in service, and would like to have some of the standard mods done to it, and check for leaking caps, etc.

Can anyone recommend a tech guy that can do them - I am 68 and my eyesight (and my hands) are not what it needs to be to work on SMT boards.

Thanks for any recommendations you guys can make.

Post here...

... or at K2BK@...

Paul - K2BK

9227. Re : [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-02 20:35:50 UTC
From: cesanet lapomme
Topic: 9226 Message: 9227

I think you better off send it to Kenwood... you cannot go wrong there

Serge

--- En date de : Dim 2.5.10, PaulC <condor@...> a écrit :

De: PaulC <condor@...>
Objet: [TS-850_450_690] Mods for my TS-850-SAT??
À: TS-850_450_690@yahoogroups.com
Date: Dimanche 2 mai 2010, 16h19

I have owned a TS-850-SAT since it was new, and I loved it (and I still do!!!)

I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was put away.

Now I want to get it back in service, and would like to have some of the standard mods done to it, and check for leaking caps, etc.

Can anyone recommend a tech guy that can do them - I am 68 and my eyesight (and my hands) are not what it needs to be to work on SMT boards.

Thanks for any recommendations you guys can make.

Post here...

... or at K2BK@...

Paul - K2BK

[Non-text portions of this message have been removed]

9228. Re: Re : [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-02 20:44:56 UTC
From: Crownhaven
Topic: 9226 Message: 9228

Clif, AVVID Electronics is the only person I would have work on my
TS-850S. You can Google him up and find out how to contact him.

Steve, N4JQQ

On 5/2/2010 3:35 PM, cesanet lapomme wrote:
>
> I think you better off send it to Kenwood... you cannot go wrong there
>
> Serge
>
> --- En date de : Dim 2.5.10, PaulC <condor@...
> <mailto:condor%40mags.net>> a écrit :
>
> De: PaulC <condor@... <mailto:condor%40mags.net>>
> Objet: [TS-850_450_690] Mods for my TS-850-SAT??
> À: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Dimanche 2 mai 2010, 16h19
>
>
>
> I have owned a TS-850-SAT since it was new, and I loved it (and I
> still do!!!)
>
> I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was
> put away.
>
> Now I want to get it back in service, and would like to have some of
> the standard mods done to it, and check for leaking caps, etc.
>
> Can anyone recommend a tech guy that can do them - I am 68 and my
> eyesight (and my hands) are not what it needs to be to work on SMT boards.
>
> Thanks for any recommendations you guys can make.
>
> Post here...
>
> ... or at K2BK@... <mailto:K2BK%40arrl.net>
>
> Paul - K2BK
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9229. RE: Re : [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-02 22:01:22 UTC
From: Martin Bluhm
Topic: 9226 Message: 9229

I second that motion. Clif is the 850 man, bar none.
73
Marty
W8AKS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]On Behalf Of Crownhaven
Sent: Sunday, May 02, 2010 20:45
To: TS-850_450_690@yahoogroups.com
Cc: cesanet lapomme
Subject: Re: Re : [TS-850_450_690] Mods for my TS-850-SAT??

Clif, AVVID Electronics is the only person I would have work on my
TS-850S. You can Google him up and find out how to contact him.

Steve, N4JQQ

On 5/2/2010 3:35 PM, cesanet lapomme wrote:
>
> I think you better off send it to Kenwood... you cannot go wrong there
>
> Serge
>
> --- En date de : Dim 2.5.10, PaulC < condor@... <mailto:condor%40mags.net>
> <mailto:condor%40mags.net>> a écrit :
>
> De: PaulC < condor@... <mailto:condor%40mags.net> <mailto:condor%40mags.net>>
> Objet: [TS-850_450_690] Mods for my TS-850-SAT??
> À: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Dimanche 2 mai 2010, 16h19
>
>
>
> I have owned a TS-850-SAT since it was new, and I loved it (and I
> still do!!!)
>
> I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was
> put away.
>
> Now I want to get it back in service, and would like to have some of
> the standard mods done to it, and check for leaking caps, etc.
>
> Can anyone recommend a tech guy that can do them - I am 68 and my
> eyesight (and my hands) are not what it needs to be to work on SMT boards.

>
> Thanks for any recommendations you guys can make.
>
> Post here...
>
> ... or at K2BK@... <mailto:K2BK%40arrl.net> <mailto:K2BK%40arrl.net>
>
> Paul - K2BK
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9230. Re: Re : [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-02 22:07:02 UTC
From: kc5en
Topic: 9226 Message: 9230

I was very satisfied with Clif's service too. I wonder just how familiar Kenwood's current techs are with the older radios? Might be that Clif has more experience with the older stuff than they do which could save diagonstic time (money) P.D., KC5EN

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Clif, AVVID Electronics is the only person I would have work on my
> TS-850S. You can Google him up and find out how to contact him.
>
> Steve, N4JQQ
>
> On 5/2/2010 3:35 PM, cesanet lapomme wrote:
> >
> > I think you better off send it to Kenwood... you cannot go wrong there
> >
> > Ser
> >
> > --- En date de : Dim 2.5.10, PaulC <condor@...
> > <mailto:condor%40mags.net>> a Ã©crit :
> >
> > De: PaulC <condor@... <mailto:condor%40mags.net>>
> > Objet: [TS-850_450_690] Mods for my TS-850-SAT??
> > Ã: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Date: Dimanche 2 mai 2010, 16h19
> >
> >
> >
> > I have owned a TS-850-SAT since it was new, and I loved it (and I
> > still do!!!)
> >
> > I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was
> > put away.
> >
> > Now I want to get it back in service, and would like to have some of
> > the standard mods done to it, and check for leaking caps, etc.
> >
> > Can anyone recommend a tech guy that can do them - I am 68 and my
> > eyesight (and my hands) are not what it needs to be to work on SMT boards.
> >
> > Thanks for any recommendations you guys can make.
> >
> > Post here...
> >

> > ... or at K2BK@... <mailto:K2BK%40arrl.net>
> >
> > Paul - K2BK
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9231. Re: Re : [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-02 23:36:50 UTC
From: Crownhaven
Topic: 9226 Message: 9231

I am sure Clif would be much more reasonable and you would triple your
chances of a proper diagnosis.

On 5/2/2010 5:07 PM, kc5en wrote:
>
> I was very satisfied with Clif's service too. I wonder just how
> familiar Kenwood's current techs are with the older radios? Might be
> that Clif has more experience with the older stuff than they do which
> could save diagonstic time (money) P.D., KC5EN
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > Clif, AVVID Electronics is the only person I would have work on my
> > TS-850S. You can Google him up and find out how to contact him.
> >
> > Steve, N4JQQ
> >
> > On 5/2/2010 3:35 PM, cesanet lapomme wrote:
> > >
> > > I think you better off send it to Kenwood... you cannot go wrong there
> > >
> > > Ser
> > >
> > > --- En date de : Dim 2.5.10, PaulC <condor@...
> > > <mailto:condor%40mags.net>> a Ã©crit :
> > >
> > > De: PaulC <condor@... <mailto:condor%40mags.net>>
> > > Objet: [TS-850_450_690] Mods for my TS-850-SAT??
> > > ÃEUR: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Date: Dimanche 2 mai 2010, 16h19
> > >
> > >
> > >
> > > I have owned a TS-850-SAT since it was new, and I loved it (and I
> > > still do!!!)
> > >
> > > I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was
> > > put away.
> > >
> > > Now I want to get it back in service, and would like to have some of
> > > the standard mods done to it, and check for leaking caps, etc.

> > >
> > > Can anyone recommend a tech guy that can do them - I am 68 and my
> > > eyesight (and my hands) are not what it needs to be to work on SMT
> boards.
> > >
> > > Thanks for any recommendations you guys can make.
> > >
> > > Post here...
> > >
> > > ... or at K2BK@... <mailto:K2BK%40arrl.net>
> > >
> > > Paul - K2BK
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

9232. Re: [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-03 01:06:17 UTC
From: Chuck Goelz
Topic: 9226 Message: 9232

I agree that Cliff is the guy to send it to. What I don't see is any reason to send to anywhere...

When you got the 756P3, was the 850 working properly? If so, I think you should determine if it is STILL working properly. Then, maybe, consider sending it to Cliff if the performance warrants it.

But that's just MY opinion...

Cheers,
Chuck, WA3CEJ

----- Original Message -----
From: PaulC
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 02, 2010 4:19 PM
Subject: [TS-850_450_690] Mods for my TS-850-SAT??

I have owned a TS-850-SAT since it was new, and I loved it (and I still do!!!)

I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was put away.

Now I want to get it back in service, and would like to have some of the standard mods done to it, and check for leaking caps, etc.

Can anyone recommend a tech guy that can do them - I am 68 and my eyesight (and my hands) are not what it needs to be to work on SMT boards.

Thanks for any recommendations you guys can make.

Post here...

... or at K2BK@...

Paul - K2BK

[Non-text portions of this message have been removed]

9233. TS-450S/690S Knob wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-03 05:17:16 UTC
From: taylorla93292
Topic: 9233 Message: 9233

I'm in need of a control knob that is missing / lost on a Kenwood TS-450S.. I gave the radio to my son when he passed his Extra Test, but it feels incomplete with out that knob on it. He loves the radio and it works great.
Its a center knob on a dual shaft control on the right side of the front panel. Listed as a Notch, or RIT/XIT, or a AF control. They all have the same part number. (K29-4515-04)

Thanks for any help!
Larry KF6JBG
cvrcsoaring@...

9234. Re: [TS-850_450_690] Mods for my TS-850-SAT??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-03 10:48:12 UTC
From: harveywizbang@aol.com
Topic: 9226 Message: 9234

Better check to make sure the battery and caps aren't leaking. KC5EN

In a message dated 5/2/2010 8:07:02 P.M. Central Daylight Time,
c.goelz@verizon.net writes:

I agree that Cliff is the guy to send it to. What I don't see is any reason
to send to anywhere...

When you got the 756P3, was the 850 working properly? If so, I think you
should determine if it is STILL working properly. Then, maybe, consider
sending it to Cliff if the performance warrants it.

But that's just MY opinion...

Cheers,
Chuck, WA3CEJ

----- Original Message -----
From: PaulC
To: _TS-850_450_690@TS-850_450_6TS-_
(mailto:TS-850_450_690@yahoogroups.com)
Sent: Sunday, May 02, 2010 4:19 PM
Subject: [TS-850_450_Subject: [TS-850_450_<WBR>690] Mo

I have owned a TS-850-SAT since it was new, and I loved it (and I still
do!!!)

I was given a Icom 756 Pro-III about 6 years ago, so the TS-850 was put
away.

Now I want to get it back in service, and would like to have some of the
standard mods done to it, and check for leaking caps, etc.

Can anyone recommend a tech guy that can do them - I am 68 and my eyesight
(and my hands) are not what it needs to be to work on SMT boards.

Thanks for any recommendations you guys can make.

Post here...

... or at _K2BK@..._ (mailto:K2BK@...)

Paul - K2BK

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9235. TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-05 21:40:40 UTC
From: Rodrigo
Topic: 9235 Message: 9235

Hello

After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.

Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...

Has anyone noticed same problem with this radio?

Any help would be appreciated...

Thanks in advance.

Rod

[Non-text portions of this message have been removed]

9236. Re: [TS-850_450_690] TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-05 22:55:31 UTC
From: Crownhaven
Topic: 9235 Message: 9236

RF full clockwise????? I know you said you checked but I leave my NB on sometimes too and accuse my neighbors of having crummy transmitters.

Steve, N4JQQ

On 5/5/2010 4:40 PM, Rodrigo wrote:
>
> Hello
>
> After a year without use, I decided to turn on my Kenwood ts-450sat to
> check things out and for my surprise the audio came out very low on
> the internal speaker...I also tried the external speaker and same
> thing...Played with all the front panel controls..same thing..no luck.
>
> Opened the case to check the speaker itself and it is fine, plugged
> another one in place same results...very low audio volume, regardless
> of band, mode or position of any knob etc...
>
> Has anyone noticed same problem with this radio?
>
> Any help would be appreciated...
>
> Thanks in advance.
>
> Rod
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9237. Re: [TS-850_450_690] TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-05 23:33:41 UTC
From: Rodrigo
Topic: 9235 Message: 9237

Hi Steve,

Yes...all checked...this was the first one....back and forth with all the controls...

Curiously, when I first powered it, I rapidly lowered the volume expecting a loud white noise...but instead I heard that cracking noise of old TV dirty volume control...and that was the end of it...moved the knob back and forth expecting to clean a dirty cursor track, but no good.

Now the volume control works, changes de volume smoothly, but it won´t go any near as loud as usual, maybe even much less than 10% of the normal volume.
On SSB I have to put my ear touching the speaker to hear anything...on FM I can hear noise, like if it was coming from headphones.

I also have reset the CPU with no luck.

Thanks

Rod

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 05, 2010 7:55 PM
Subject: Re: [TS-850_450_690] TS-450 low volume

RF full clockwise????? I know you said you checked but I leave my NB on
sometimes too and accuse my neighbors of having crummy transmitters.

Steve, N4JQQ

On 5/5/2010 4:40 PM, Rodrigo wrote:
>
> Hello
>
> After a year without use, I decided to turn on my Kenwood ts-450sat to
> check things out and for my surprise the audio came out very low on
> the internal speaker...I also tried the external speaker and same
> thing...Played with all the front panel controls..same thing..no luck.
>
> Opened the case to check the speaker itself and it is fine, plugged
> another one in place same results...very low audio volume, regardless
> of band, mode or position of any knob etc...
>
> Has anyone noticed same problem with this radio?
>
> Any help would be appreciated...

>
> Thanks in advance.
>
> Rod
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9238. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-05 23:49:22 UTC
From: avvidclif
Topic: 9235 Message: 9238

Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hello
>
> After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
>
> Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
>
> Has anyone noticed same problem with this radio?
>
> Any help would be appreciated...
>
> Thanks in advance.
>
> Rod
>
>
> [Non-text portions of this message have been removed]
>

9239. Re: [TS-850_450_690] Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-06 02:14:06 UTC
From: Rodrigo
Topic: 9235 Message: 9239

Hi Clif

Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
and taking a closer look I could not find any caps as you described. I see only a brown one on the botton (picture) next to a white connector and writings "L12". Is that it?

I´ve added a picture of the IF unit (I guess) or follow this link...

http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg

Could you point where is it exactly if possible?

Thanks and appreciate you help

Rod

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 05, 2010 8:49 PM
Subject: [TS-850_450_690] Re: TS-450 low volume

Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hello
>
> After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
>
> Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
>
> Has anyone noticed same problem with this radio?
>
> Any help would be appreciated...
>
> Thanks in advance.
>

> Rod
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9240. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-06 14:16:35 UTC
From: avvidclif
Topic: 9235 Message: 9240

That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi Clif
>
> Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
> and taking a closer look I could not find any caps as you described. I see only a brown one
> on the botton (picture) next to a white connector and writings "L12". Is that it?
>
> I´ve added a picture of the IF unit (I guess) or follow this link...
>
> http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
>
> Could you point where is it exactly if possible?
>
>
>
> Thanks and appreciate you help
>
>
> Rod
>
>
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, May 05, 2010 8:49 PM
> Subject: [TS-850_450_690] Re: TS-450 low volume
>
>
>
>
> Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
>
> Clif
>

> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hello
> >
> > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
> >
> > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> >
> > Has anyone noticed same problem with this radio?
> >
> > Any help would be appreciated...
> >
> > Thanks in advance.
> >
> > Rod
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9241. Re: [TS-850_450_690] Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-06 20:25:33 UTC
From: Rodrigo
Topic: 9235 Message: 9241

Hi Cliff

I managed to find the capacitor...it is the one mentioned below....and yes it had leaked!! Removed the cap and cleaned-up the area...

By the way...the pic is from someone else´s board.

It is the C104 at the output of the AF amp...IF unit...on the diagram (service manual) it is located on the upper right corner of the sheet. It is in line with the output of the AF amp and if anything happens to this cap, you will sure get no audio on the speaker.

I just got the replacement today...strange there are several capacitors with same or close value on the board, all blue...this is the only one brown...go figure!

I will let you know how it goes when it is done.

73

Rod

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 06, 2010 11:16 AM
Subject: [TS-850_450_690] Re: TS-450 low volume

That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi Clif
>
> Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
> and taking a closer look I could not find any caps as you described. I see only a brown one
> on the botton (picture) next to a white connector and writings "L12". Is that it?
>
> I´ve added a picture of the IF unit (I guess) or follow this link...
>
> http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
>
> Could you point where is it exactly if possible?
>

>
>
> Thanks and appreciate you help
>
>
> Rod
>
>
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, May 05, 2010 8:49 PM
> Subject: [TS-850_450_690] Re: TS-450 low volume
>
>
>
> Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hello
> >
> > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
> >
> > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> >
> > Has anyone noticed same problem with this radio?
> >
> > Any help would be appreciated...
> >
> > Thanks in advance.
> >
> > Rod
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9242. Re: [TS-850_450_690] Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-07 13:26:58 UTC
From: Rodrigo
Topic: 9235 Message: 9242

Hi

The capacitor has been replaced..the audio went up...no as much but...another thing came out...and it was there, along with the low volume.

When you turn the radio on, the RF bargraph goes up..takes about 1 or 2 seconds to reach 9 +30 on the display and stays there...and the volume goes down for sure...and that without touching anything...when you switch to AM or other mode, the audio comes up a little but not much...

The beep sounds when a key is pressed seems that are back loud as usual...so it is ok

so I believe there is also something wrong with the RF sensing or circuitry also...

any hints?

Rod

----- Original Message -----
From: Rodrigo
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 06, 2010 5:25 PM
Subject: Re: [TS-850_450_690] Re: TS-450 low volume

Hi Cliff

I managed to find the capacitor...it is the one mentioned below....and yes it had leaked!! Removed the cap and cleaned-up the area...

By the way...the pic is from someone else´s board.

It is the C104 at the output of the AF amp...IF unit...on the diagram (service manual) it is located on the upper right corner of the sheet. It is in line with the output of the AF amp and if anything happens to this cap, you will sure get no audio on the speaker.

I just got the replacement today...strange there are several capacitors with same or close value on the board, all blue...this is the only one brown...go figure!

I will let you know how it goes when it is done.

73

Rod

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 06, 2010 11:16 AM
Subject: [TS-850_450_690] Re: TS-450 low volume

That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.

Clif

--- In TS-850_450_690@...m, "Rodrigo" <yid_grps@...> wrote:
>
> Hi Clif
>
> Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
> and taking a closer look I could not find any caps as you described. I see only a brown one
> on the botton (picture) next to a white connector and writings "L12". Is that it?
>
> I´ve added a picture of the IF unit (I guess) or follow this link...
>
> http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
>
> Could you point where is it exactly if possible?
>
>
>
> Thanks and appreciate you help
>
>
> Rod
>
>
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, May 05, 2010 8:49 PM
> Subject: [TS-850_450_690] Re: TS-450 low volume
>
>
>
> Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hello
> >
> > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no

luck.
> >
> > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> >
> > Has anyone noticed same problem with this radio?
> >
> > Any help would be appreciated...
> >
> > Thanks in advance.
> >
> > Rod
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9243. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-07 14:24:29 UTC
From: avvidclif
Topic: 9235 Message: 9243

You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi
>
> The capacitor has been replaced..the audio went up...no as much but...another thing came out...and it was there, along with the low volume.
>
> When you turn the radio on, the RF bargraph goes up..takes about 1 or 2 seconds to reach 9 +30 on the display and stays there...and the volume goes down for sure...and that without touching anything...when you switch to AM or other mode, the audio comes up a little but not much...
>
> The beep sounds when a key is pressed seems that are back loud as usual...so it is ok
>
> so I believe there is also something wrong with the RF sensing or circuitry also...
>
> any hints?
>
> Rod
>
>
>
> ----- Original Message -----
> From: Rodrigo
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 06, 2010 5:25 PM
> Subject: Re: [TS-850_450_690] Re: TS-450 low volume
>
>
>
> Hi Cliff
>
> I managed to find the capacitor...it is the one mentioned below....and yes it had leaked!! Removed the cap and cleaned-up the area...
>
> By the way...the pic is from someone else´s board.
>
> It is the C104 at the output of the AF amp...IF unit...on the diagram (service manual) it is located on the upper right corner of the sheet. It is in line with the output of the AF

amp and if anything happens to this cap, you will sure get no audio on the speaker.
>
> I just got the replacement today...strange there are several capacitors with same or close value on the board, all blue...this is the only one brown...go figure!
>
> I will let you know how it goes when it is done.
>
> 73
>
> Rod
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 06, 2010 11:16 AM
> Subject: [TS-850_450_690] Re: TS-450 low volume
>
> That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hi Clif
> >
> > Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
> > and taking a closer look I could not find any caps as you described. I see only a brown one
> > on the botton (picture) next to a white connector and writings "L12". Is that it?
> >
> > I´ve added a picture of the IF unit (I guess) or follow this link...
> >
> > http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
> >
> > Could you point where is it exactly if possible?
> >
> >
> >
> > Thanks and appreciate you help
> >
> >
> > Rod
> >
> >
> >
> >
> > ----- Original Message -----
> > From: avvidclif

> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, May 05, 2010 8:49 PM
> > Subject: [TS-850_450_690] Re: TS-450 low volume
> >
> >
> >
> > Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> > >
> > > Hello
> > >
> > > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
> > >
> > > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> > >
> > > Has anyone noticed same problem with this radio?
> > >
> > > Any help would be appreciated...
> > >
> > > Thanks in advance.
> > >
> > > Rod
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

9244. Re: [TS-850_450_690] Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-07 14:39:50 UTC
From: Rodrigo
Topic: 9235 Message: 9244

That could be it also...I cleaned it up...but maybe not enough...I will work on that...

Thanks

Rod

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 07, 2010 11:24 AM
Subject: [TS-850_450_690] Re: TS-450 low volume

You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi
>
> The capacitor has been replaced..the audio went up...no as much but...another thing came out...and it was there, along with the low volume.
>
> When you turn the radio on, the RF bargraph goes up..takes about 1 or 2 seconds to reach 9 +30 on the display and stays there...and the volume goes down for sure...and that without touching anything...when you switch to AM or other mode, the audio comes up a little but not much...
>
> The beep sounds when a key is pressed seems that are back loud as usual...so it is ok
>
> so I believe there is also something wrong with the RF sensing or circuitry also...
>
> any hints?
>
> Rod
>
>
>
> ----- Original Message -----
> From: Rodrigo
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 06, 2010 5:25 PM
> Subject: Re: [TS-850_450_690] Re: TS-450 low volume
>

>
>
> Hi Cliff
>
> I managed to find the capacitor...it is the one mentioned below....and yes it had leaked!! Removed the cap and cleaned-up the area...
>
> By the way...the pic is from someone else´s board.
>
> It is the C104 at the output of the AF amp...IF unit...on the diagram (service manual) it is located on the upper right corner of the sheet. It is in line with the output of the AF amp and if anything happens to this cap, you will sure get no audio on the speaker.
>
> I just got the replacement today...strange there are several capacitors with same or close value on the board, all blue...this is the only one brown...go figure!
>
> I will let you know how it goes when it is done.
>
> 73
>
> Rod
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 06, 2010 11:16 AM
> Subject: [TS-850_450_690] Re: TS-450 low volume
>
> That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hi Clif
> >
> > Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
> > and taking a closer look I could not find any caps as you described. I see only a brown one
> > on the botton (picture) next to a white connector and writings "L12". Is that it?
> >
> > I´ve added a picture of the IF unit (I guess) or follow this link...
> >
> > http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
> >
> > Could you point where is it exactly if possible?
> >

> >
> >
> > Thanks and appreciate you help
> >
> >
> > Rod
> >
> >
> >
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, May 05, 2010 8:49 PM
> > Subject: [TS-850_450_690] Re: TS-450 low volume
> >
> >
> >
> > Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> > >
> > > Hello
> > >
> > > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
> > >
> > > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> > >
> > > Has anyone noticed same problem with this radio?
> > >
> > > Any help would be appreciated...
> > >
> > > Thanks in advance.
> > >
> > > Rod
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9245. Re: [TS-850_450_690] Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-07 17:05:54 UTC
From: Rodrigo
Topic: 9235 Message: 9245

I´ve also noticed...If the radio gets warm, the bargraph goes down and stays...if I turn it off, let it cool down and turn on again...the bargraph goes up again...so it is somehow temperature related I believe.

Rod

----- Original Message -----
From: Rodrigo
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 07, 2010 11:39 AM
Subject: Re: [TS-850_450_690] Re: TS-450 low volume

That could be it also...I cleaned it up...but maybe not enough...I will work on that...

Thanks

Rod

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 07, 2010 11:24 AM
Subject: [TS-850_450_690] Re: TS-450 low volume

You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
> Hi
>
> The capacitor has been replaced..the audio went up...no as much but...another thing came out...and it was there, along with the low volume.
>
> When you turn the radio on, the RF bargraph goes up..takes about 1 or 2 seconds to reach 9 +30 on the display and stays there...and the volume goes down for sure...and that without touching anything...when you switch to AM or other mode, the audio comes up a little but not much...
>
> The beep sounds when a key is pressed seems that are back loud as usual...so it is ok
>
> so I believe there is also something wrong with the RF sensing or circuitry also...
>
> any hints?

>
> Rod
>
>
>
> ----- Original Message -----
> From: Rodrigo
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 06, 2010 5:25 PM
> Subject: Re: [TS-850_450_690] Re: TS-450 low volume
>
>
>
> Hi Cliff
>
> I managed to find the capacitor...it is the one mentioned below....and yes it had leaked!! Removed the cap and cleaned-up the area...
>
> By the way...the pic is from someone else´s board.
>
> It is the C104 at the output of the AF amp...IF unit...on the diagram (service manual) it is located on the upper right corner of the sheet. It is in line with the output of the AF amp and if anything happens to this cap, you will sure get no audio on the speaker.
>
> I just got the replacement today...strange there are several capacitors with same or close value on the board, all blue...this is the only one brown...go figure!
>
> I will let you know how it goes when it is done.
>
> 73
>
> Rod
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, May 06, 2010 11:16 AM
> Subject: [TS-850_450_690] Re: TS-450 low volume
>
> That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hi Clif
> >
> > Thanks for the hint...seems that you know a lot about this radio..but Im not that

familiar with the 450....
> > and taking a closer look I could not find any caps as you described. I see only a brown one
> > on the botton (picture) next to a white connector and writings "L12". Is that it?
> >
> > I´ve added a picture of the IF unit (I guess) or follow this link...
> >
> > http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
> >
> > Could you point where is it exactly if possible?
> >
> >
> >
> > Thanks and appreciate you help
> >
> >
> > Rod
> >
> >
> >
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, May 05, 2010 8:49 PM
> > Subject: [TS-850_450_690] Re: TS-450 low volume
> >
> >
> >
> > Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> > >
> > > Hello
> > >
> > > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
> > >
> > > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> > >
> > > Has anyone noticed same problem with this radio?
> > >
> > > Any help would be appreciated...
> > >

> > > Thanks in advance.
> > >
> > > Rod
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9246. TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-08 04:13:32 UTC
From: w8lgz
Topic: 5989 Message: 9246

All,
I picked up a TS-690S from a buddy of mine a few days ago, works fine over-all except for a problem in CW mode. When in CW mode, if I set the VOX to on, the radio goes into tx and the only way to get it out is to cycle the power. If I use the SEND button and then switch it back to rx, same thing, have to cycle the power to get it out. Same goes for just keying the mic in CW mode. What I've checked so far:
1. Checked the key jack to make sure there was not a mechanical failure.
2. Set the ANTI-VOX to minimum (fully counter clock-wise).
3. Checked all settings per user manual.
4. Connected key to radio (thinking it may need to be in line).
5. Set the DELAY from min to max (and all points between) for rx recovery time in conjunction with VOX. Still no joy.

I was looking through the service manual and get the feeling there may be a voltage problem somewhere in the keying circuit. Before I jump in up to my elbows tracing the circuit, anyone else ever encounter this problem? If so, what was your cure?

Thanks, Jim - W8LGZ

9247. Re: [TS-850_450_690] TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-08 16:09:36 UTC
From: Dave ve3wej
Topic: 5989 Message: 9247

is the lock bar ON on the key???

anti vox should be a max, i think to stop keying

also is the mike still plugged in.. try without the key, and without the mike. if it unkeys, then problem is external to the radio

----- Original Message -----
From: "w8lgz" <w8lgz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 08, 2010 12:13 AM
Subject: [TS-850_450_690] TS-690S

> All,
> I picked up a TS-690S from a buddy of mine a few days ago, works fine
> over-all except for a problem in CW mode. When in CW mode, if I set the
> VOX to on, the radio goes into tx and the only way to get it out is to
> cycle the power. If I use the SEND button and then switch it back to rx,
> same thing, have to cycle the power to get it out. Same goes for just
> keying the mic in CW mode. What I've checked so far:
> 1. Checked the key jack to make sure there was not a mechanical failure.
> 2. Set the ANTI-VOX to minimum (fully counter clock-wise).
> 3. Checked all settings per user manual.
> 4. Connected key to radio (thinking it may need to be in line).
> 5. Set the DELAY from min to max (and all points between) for rx recovery
> time in conjunction with VOX. Still no joy.
>
> I was looking through the service manual and get the feeling there may be
> a voltage problem somewhere in the keying circuit. Before I jump in up to
> my elbows tracing the circuit, anyone else ever encounter this problem? If
> so, what was your cure?
>
> Thanks, Jim - W8LGZ
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9248. Re: [TS-850_450_690] TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-08 20:24:42 UTC
From: Bob Naylor
Topic: 5989 Message: 9248

Try testing it into a dummy load. I have seen strong/stray RF lock a transmitter on. Bob WE6C

--- On Sat, 5/8/10, Dave ve3wej <ve3wej@gmail.com> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] TS-690S
To: TS-850_450_690@yahoogroups.com
Date: Saturday, May 8, 2010, 9:09 AM

is the lock bar ON on the key???

anti vox should be a max, i think to stop keying

also is the mike still plugged in.. try without the key, and without the

mike. if it unkeys, then problem is external to the radio

----- Original Message -----

From: "w8lgz" <w8lgz@yahoo. com>

To: <TS-850_450_690@ yahoogroups. com>

Sent: Saturday, May 08, 2010 12:13 AM

Subject: [TS-850_450_ 690] TS-690S

> All,

> I picked up a TS-690S from a buddy of mine a few days ago, works fine

> over-all except for a problem in CW mode. When in CW mode, if I set the

> VOX to on, the radio goes into tx and the only way to get it out is to

> cycle the power. If I use the SEND button and then switch it back to rx,

> same thing, have to cycle the power to get it out. Same goes for just

> keying the mic in CW mode. What I've checked so far:

> 1. Checked the key jack to make sure there was not a mechanical failure.

> 2. Set the ANTI-VOX to minimum (fully counter clock-wise).

> 3. Checked all settings per user manual.

> 4. Connected key to radio (thinking it may need to be in line).

> 5. Set the DELAY from min to max (and all points between) for rx recovery

> time in conjunction with VOX. Still no joy.

>

> I was looking through the service manual and get the feeling there may be

> a voltage problem somewhere in the keying circuit. Before I jump in up to

> my elbows tracing the circuit, anyone else ever encounter this problem? If

> so, what was your cure?

>

> Thanks, Jim - W8LGZ

>

>

>

> ------------ --------- --------- ------

>

> THANKS FOR USING TS-850_450_690@ YAHOOGROUPS. COMYahoo! Groups Links

>

>

>

[Non-text portions of this message have been removed]

9249. Re: TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-09 00:12:57 UTC
From: w8lgz
Topic: 5989 Message: 9249

Hi, Bob,

Normally, I would agree with stray RF could be locking the transmitter on. However, in this case with the mic & key disconnected, send button in receive position and no other rf being transmitted in the shack, if I push the VOX button to the ON position, the transmitter will engage without anything else being done...just turning on the VOX. It's strange. That's why I'm thinking a voltage problem internally. Thanks for the suggestion!

Jim

9250. Re: TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-08 19:31:12 UTC
From: w8lgz
Topic: 5989 Message: 9250

Thanks for the reply, Dave,

> "is the lock bar ON on the key???"

No, it is not (actually, doesn't have a lock bar...cheap straight key. I prefer paddles).

> "anti vox should be a max, i think to stop keying"

I have set the anti-vox at all levels from min to max with same result.

> "also is the mike still plugged in?"

I have removed the mic and key, left both installed, makes no difference. I too am thinking this is an internal problem with the radio, somewhere in the keying circuit I believe. when I get it figured out, I'll post what I find for others benefit.

Thanks! Jim

9251. Re: [TS-850_450_690] Re: TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-09 03:12:59 UTC
From: Bob Naylor
Topic: 5989 Message: 9251

Let us know when you nail it down Jim. My RF idea was just a long shot but thought I'd through it out there. You'll get it! 73, Bob WE6C

--- On Sat, 5/8/10, w8lgz <w8lgz@...> wrote:

From: w8lgz <w8lgz@...>
Subject: [TS-850_450_690] Re: TS-690S
To: TS-850_450_690@yahoogroups.com
Date: Saturday, May 8, 2010, 5:12 PM

Hi, Bob,

Normally, I would agree with stray RF could be locking the transmitter on. However, in this case with the mic & key disconnected, send button in receive position and no other rf being transmitted in the shack, if I push the VOX button to the ON position, the transmitter will engage without anything else being done...just turning on the VOX. It's strange. That's why I'm thinking a voltage problem internally. Thanks for the suggestion!

Jim

[Non-text portions of this message have been removed]

9252. TS-850+dsp100+ yaesu Md200 is it a good choice ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-09 19:15:38 UTC
From: Allan
Topic: 5989 Message: 9252

Hi all,

I have a ts-850 + dsp 100 .

Does someone try to use a microphone yaesu MD-200 with this combo ?

Many thanks for any commentary,

Regards

Allan

9253. Re: [TS-850_450_690] TS-850+dsp100+ yaesu Md200 is it a good choice ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-09 19:51:29 UTC
From: Dave ve3wej
Topic: 5989 Message: 9253

no

----- Original Message -----
From: " Allan" <f14at259@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 09, 2010 3:15 PM
Subject: [TS-850_450_690] TS-850+dsp100+ yaesu Md200 is it a good choice ?

> Hi all,
>
> I have a ts-850 + dsp 100 .
>
> Does someone try to use a microphone yaesu MD-200 with this combo ?
>
> Many thanks for any commentary,
>
> Regards
>
> Allan
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9254. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-10 20:15:00 UTC
From: joefargo
Topic: 9158 Message: 9254

I have both the SM-230 monitor scope and the LP-Pan unit. The LP-Pan is much more sensitive and much more useful compared to the sm230 in terms of just the spectrum display. There isn't a huge difference between the sm220 and sm230 except the 230 has a lot larger crt, hence a bigger display.

The LP-Pan takes a lot more figuring out, a lot more learning to use, but is well worth the trouble.

I had big problems with the external sound card I used with the LP but it turns out, the internal card in my pc does an acceptable job for now. Win7/64 is troublesome, but can be made to work one way or the other. Once they have drivers for the em-u 0202 for win7/64 I'll be a happier camper, but for now I'm getting a bigger better more useful display with the lp-pan than I get with the sm230.

--- In TS-850_450_690@yahoogroups.com, "Bryan" <bswadener@...> wrote:
>
> I didn't get a response so, I figured it out on my own. The matching panadapter for the 850 is the SM230. The service manual for that unit states the input sensitivity is 20 dBu/DIV. The user manual states 10uV/DIV (the same as the service manual, stated differently). There are eight divisions on the CRT so, full-scale deflection requires 80uV. My SM220 w/BS-8 states the same sensitivity. I don't like how it works (terrible drift, PITA to change between TX & RX monitoring, lack of graticule marking for panadapter use, etc). So, until I get setup with LP-Pan, I needed to determine the input sensitivity of my SB620 (w/ input amplifier configured to operate as a mixer).
>
> I pumped an RF generator into the SB620 until it deflected full scale (550mV @ 12.23 MHz heterodyne osc injection). Result: 200mV RMS. This tells me I need Av = 2500 (200mV / 80uV), or about 68dB gain. I have four MAR-3 MMIC amplifiers built that give me 10dB power gain or, if unterminated, 20dB voltage gain. I expect I'll need good shielding and decoupling between stages. As they say, "Film at 11:00"!
>
> 73,
> Bryan WA7PRC
>
> Bryan WA7PRC wrote:
> >
> > Hi Peter,
> >
> > I tried connecting to the IF OUT1 jack but (so far) nothing. You may be right about the '620 needing to be driven harder. With my previous TS120S & TS130S rigs, I fashioned a buffer amplifier (about 14dB gain). I may need to do the same with the 850. I have a bunch of MMIC devices that should work FB.
> >
> > So, another question... does anyone know what level I can expect at the IF OUT1 jack? The only thing I see in the service manual (page 101) is in the alignment section. It says, with 90dBu input, to peak L64 & L65 for maximum level.

> >
> > And, thanks to all who've replied to my previous question.
> >
> > 73,
> > Bryan WA7PRC
> >
> > Peter wrote:
> > >
> > > Bryan
> > >
> > > No need to go to all this trouble!
> > >
> > > The TS850 already has an 8.83Mhz IF output jack on the back.
> > > This is not restricted by any filtering and gives me 90Khz (i think limited by my sound card).
> > >
> > > It is quite low level, so might need a small amplifier depending upon the sensitivity of your SB620, but I tap it to a "softrock" with no problems.
> > >
> > > Regards
> > >
> > > peter
>

9255. electrolytics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-11 16:37:51 UTC
From: villy.madsen
Topic: 9255 Message: 9255

Are all vintages of the TS850sat (I have a 6xxxxxx series one with maybe a couple of hundred hrs of powered on time) subject to the leaking electrolytic problem ??

Villy

ve6sq

9256. Re: [TS-850_450_690] electrolytics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-11 19:07:15 UTC
From: Dave ve3wej
Topic: 9255 Message: 9256

actually all ts850s' are vintage. they have not made them since 1998?? i think.... so I would say yes, cap failure is not dependant on hours of operation, i dont think.... mine is same serial range, and mine had gone bad, so they have been replaced. cost me 2 dollars for new ones (electolytics) at a local swap......

Dave Garber
VE3WEJ@...

----- Original Message -----
From: "villy.madsen" <Villy.Madsen@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 11, 2010 12:37 PM
Subject: [TS-850_450_690] electrolytics

> Are all vintages of the TS850sat (I have a 6xxxxxx series one with maybe a
> couple of hundred hrs of powered on time) subject to the leaking
> electrolytic problem ??
>
> Villy
>
> ve6sq
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9257. Re: [TS-850_450_690] electrolytics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-11 19:57:41 UTC
From: Tobias Weber
Topic: 9255 Message: 9257

Villy,

It not only a matter of time, but also temperature, air pressure, moisture. Sooner or later every electrolytic cap starts to leak. They all have a limited lifetime. I have a 5xxxxxxxx series 805SAT here and all was fine with the caps but I decided to change all before they go mad. I used to repair al lot TVs and radios in my career and that is just my experience. If some elektronic device gets old, change the caps to keep it alive.

Tobias
DG3YEV

Am 11.05.2010 18:37, schrieb villy.madsen:
>
> Are all vintages of the TS850sat (I have a 6xxxxxx series one with
> maybe a couple of hundred hrs of powered on time) subject to the
> leaking electrolytic problem ??
>
> Villy
>
> ve6sq
>
>

[Non-text portions of this message have been removed]

9258. Re: TS850 & Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-11 22:28:31 UTC
From: Bryan
Topic: 9158 Message: 9258

Hi Joe,

Thanks for the reply. When I get a 'roundtuit', I'll definitely get setup with LP-Pan. It'd be even cooler if it could do TX monitoring as well (envelope and trapezoid). I wonder if anyone has suggested it to Larry N8LP.

But, right now, I already have the SB-620, and wanted to get it playing. Even though it uses vacuum tubes, I feel it's much better suited as a Panadapter than the Kenwood "all-in-one" SM220/SM230 units.

I was able to make my SB-620 play by daisy-chaining four MAR-3 MMIC amplifiers together (44dB power gain @ 8.83 MHz). I could use another 20dB gain, and have simulated a couple of Analog Devices AD603 variable gain amplifiers.

73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, joefargo wrote:
>
> I have both the SM-230 monitor scope and the LP-Pan unit. The LP-Pan is much more sensitive and much more useful compared to the sm230 in terms of just the spectrum display. There isn't a huge difference between the sm220 and sm230 except the 230 has a lot larger crt, hence a bigger display.
>
> The LP-Pan takes a lot more figuring out, a lot more learning to use, but is well worth the trouble.
>
> I had big problems with the external sound card I used with the LP but it turns out, the internal card in my pc does an acceptable job for now. Win7/64 is troublesome, but can be made to work one way or the other. Once they have drivers for the em-u 0202 for win7/64 I'll be a happier camper, but for now I'm getting a bigger better more useful display with the lp-pan than I get with the sm230.
>
> --- In TS-850_450_690@yahoogroups.com, Bryan WA7PRC wrote:
> >
> > I didn't get a response so, I figured it out on my own. The matching panadapter for the 850 is the SM230. The service manual for that unit states the input sensitivity is 20 dBu/DIV. The user manual states 10uV/DIV (the same as the service manual, stated differently). There are eight divisions on the CRT so, full-scale deflection requires 80uV. My SM220 w/BS-8 states the same sensitivity. I don't like how it works (terrible drift, PITA to change between TX & RX monitoring, lack of graticule marking for panadapter use, etc). So, until I get setup with LP-Pan, I needed to determine the input sensitivity of my SB620 (w/ input amplifier configured to operate as a mixer).
> >
> > I pumped an RF generator into the SB620 until it deflected full scale (550mV @ 12.23 MHz heterodyne osc injection). Result: 200mV RMS. This tells me I need Av = 2500 (200mV /

80uV), or about 68dB gain. I have four MAR-3 MMIC amplifiers built that give me 10dB power gain or, if unterminated, 20dB voltage gain. I expect I'll need good shielding and decoupling between stages. As they say, "Film at 11:00"!
> >
> > 73,
> > Bryan WA7PRC

9259. Facebook Page, Kenwood TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-13 00:07:53 UTC
From: Delta
Topic: 9259 Message: 9259

If you have a facebook account and you want to join the Kenwood TS850s page, click the link below:
http://www.facebook.com/pages/Kenwood-TS850s/121509517876934

73! Dan YO3IBW
http://www.buz.ro

9260. TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-13 20:06:24 UTC
From: Abel
Topic: 9260 Message: 9260

I need help in configuring cable SLUSB13K Linked to TS-850S.
Can someone tell me the corresponding wires from RJ45 connector
in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
Thanks in advance
EA3AQS.

9261. Re: TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-13 22:14:25 UTC
From: ah6rr1
Topic: 9260 Message: 9261

Aloha Abel,

I use the signaLink USB with my 850 here is how you do it.
1 open the signalin USB by removing the front 4 screws.
2 in the back you will see a 16 pin dip socket marked JP1 that is where the jumper wires go.
3 pin 1 goes to SPKR
4 pin 2 goes to MIC
5 pin 3 goes to PTT
6 pin 4 no connection
7 pin 5 no connection
8 pin 6, 7 & 8 goes to G
reassyemble and plug it in it's ready to go.

73 and have fun
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Abel" <ea3aqs@...> wrote:
>
> I need help in configuring cable SLUSB13K Linked to TS-850S.
> Can someone tell me the corresponding wires from RJ45 connector
> in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
> Thanks in advance
> EA3AQS.
>

9262. RE: [TS-850_450_690] TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 00:35:15 UTC
From: Mike
Topic: 9260 Message: 9262

These are the diagrams that Tigertronics sent me for my TS-850:

The first is for the internal jumpers, and the second is the rj-45 to 13 pin acc port cable.

Hope this helps.

N2TBP Mike

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Abel
Sent: Thursday, May 13, 2010 16:06 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 and SignalinkUSB

I need help in configuring cable SLUSB13K Linked to TS-850S.
Can someone tell me the corresponding wires from RJ45 connector
in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
Thanks in advance
EA3AQS.

[Non-text portions of this message have been removed]

9263. RE: [TS-850_450_690] TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 03:34:44 UTC
From: Mike
Topic: 9260 Message: 9263

Forgot, I can't send email attachments via the list-serve.
Contact me direct, and I'll email the pinouts to you.
Mycall_at_warwick.net
73 N2TBP Mike

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Mike
Sent: Thursday, May 13, 2010 20:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] TS-850 and SignalinkUSB

These are the diagrams that Tigertronics sent me for my TS-850:

The first is for the internal jumpers, and the second is the rj-45 to 13 pin
acc port cable.

Hope this helps.

N2TBP Mike

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Abel
Sent: Thursday, May 13, 2010 16:06 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] TS-850 and SignalinkUSB

I need help in configuring cable SLUSB13K Linked to TS-850S.
Can someone tell me the corresponding wires from RJ45 connector
in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
Thanks in advance
EA3AQS.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9264. Re: TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 12:20:13 UTC
From: Abel
Topic: 9260 Message: 9264

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Aloha Abel,
>
> I use the signaLink USB with my 850 here is how you do it.
> 1 open the signalin USB by removing the front 4 screws.
> 2 in the back you will see a 16 pin dip socket marked JP1 that is where the jumper wires go.
> 3 pin 1 goes to SPKR
> 4 pin 2 goes to MIC
> 5 pin 3 goes to PTT
> 6 pin 4 no connection
> 7 pin 5 no connection
> 8 pin 6, 7 & 8 goes to G
> reassyemble and plug it in it's ready to go.
>
> 73 and have fun
> Roland AH6RR

Aloha Roland, Very kind of you.
As the manual says you can not disconnect the wires once you have
put them into the socket JP1, so I will need to cut them ,and then
will solder according your advice.
Have a nice time there .
Bye Roland de EA3AQS Abel.

>
> --- In TS-850_450_690@yahoogroups.com, "Abel" <ea3aqs@> wrote:
> >
> > I need help in configuring cable SLUSB13K Linked to TS-850S.
> > Can someone tell me the corresponding wires from RJ45 connector
> > in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
> > Thanks in advance
> > EA3AQS.
> >
>

9265. Re: TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 12:33:08 UTC
From: Abel
Topic: 9260 Message: 9265

--- In TS-850_450_690@yahoogroups.com, "Mike" <n2tbp@...> wrote:
>
> These are the diagrams that Tigertronics sent me for my TS-850:
>
> The first is for the internal jumpers, and the second is the rj-45 to 13 pin
> acc port cable.
>
> Hope this helps.
>
> N2TBP Mike
>
> --

Hi Mike, thank you for ur help, but I am not able to find any text
or link to see your advice fool of me.
And just that is what I wanted. The RJ45 to 13 pin ACC port cable.
Could you see in your post if there is any omission ??
Wait for ur next post.
73 Mike.
EA3AQS Abel.

>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Abel
> Sent: Thursday, May 13, 2010 16:06 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 and SignalinkUSB
>
>
> I need help in configuring cable SLUSB13K Linked to TS-850S.
> Can someone tell me the corresponding wires from RJ45 connector
> in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
> Thanks in advance
> EA3AQS.
>
>
>
> [Non-text portions of this message have been removed]
>

9266. Re: TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 16:35:28 UTC
From: ah6rr1
Topic: 9260 Message: 9266

Aloha Abel,

You can move the jumpers you just have to be careful when you do it.
Here is the 13 pin din to RJ-45 pinout.

1. Pin 3 on 13din to pin 1 on rj-45
2 Pin 11 on 13din to pin 2 on rj-45
3 Pin 13 on 13din to pin 3 on rj-45
4 Pins 4,8 & 12 on 13din to pins 6,7 & 8 on rj-45

I have built 2 of these cables myself.

As I said you can move the jumper wires use a pair of small needle nose and pull stright up. or get a 16pin dip socket or 2 and jumper them for differnt radios then it's plug and play.

Good Luck

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Abel" <ea3aqs@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Mike" <n2tbp@> wrote:
> >
> > These are the diagrams that Tigertronics sent me for my TS-850:
> >
> > The first is for the internal jumpers, and the second is the rj-45 to 13 pin
> > acc port cable.
> >
> > Hope this helps.
> >
> > N2TBP Mike
> >
> > _____
>
> Hi Mike, thank you for ur help, but I am not able to find any text
> or link to see your advice fool of me.
> And just that is what I wanted. The RJ45 to 13 pin ACC port cable.
> Could you see in your post if there is any omission ??
> Wait for ur next post.
> 73 Mike.
> EA3AQS Abel.
>
> >
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

> > On Behalf Of Abel
> > Sent: Thursday, May 13, 2010 16:06 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-850 and SignalinkUSB
> >
> >
> > I need help in configuring cable SLUSB13K Linked to TS-850S.
> > Can someone tell me the corresponding wires from RJ45 connector
> > in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
> > Thanks in advance
> > EA3AQS.
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

9267. Re: [TS-850_450_690] Re: TS-850 and SignalinkUSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 18:06:11 UTC
From: Abelard Encabo
Topic: 9260 Message: 9267

2010/5/14 ah6rr1 <Toesonnose@...>

>
>
> Aloha Abel,
>
> You can move the jumpers you just have to be careful when you do it.
> Here is the 13 pin din to RJ-45 pinout.
>
> 1. Pin 3 on 13din to pin 1 on rj-45
> 2 Pin 11 on 13din to pin 2 on rj-45
> 3 Pin 13 on 13din to pin 3 on rj-45
> 4 Pins 4,8 & 12 on 13din to pins 6,7 & 8 on rj-45
>
> I have built 2 of these cables myself.
>
> As I said you can move the jumper wires use a pair of small needle nose and
> pull stright up. or get a 16pin dip socket or 2 and jumper them for differnt
> radios then it's plug and play.
>
> Good Luck
>
> Roland AH6RR
>

//
////////////////////////////////

Hi Roland, that is just what I was looking for.
So very grateful to you.
See you on the bands.
73
Abel EA3AQS.

>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Abel" <ea3aqs@...> wrote:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Mike" <n2tbp@> wrote:
> > >
> > > These are the diagrams that Tigertronics sent me for my TS-850:
> > >

> > > The first is for the internal jumpers, and the second is the rj-45 to
> 13 pin
> > > acc port cable.
> > >
> > > Hope this helps.
> > >
> > > N2TBP Mike
> > >
> > > _____
> >
> > Hi Mike, thank you for ur help, but I am not able to find any text
> > or link to see your advice fool of me.
> > And just that is what I wanted. The RJ45 to 13 pin ACC port cable.
> > Could you see in your post if there is any omission ??
> > Wait for ur next post.
> > 73 Mike.
> > EA3AQS Abel.
> >
> > >
> > > From: TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]
> > > On Behalf Of Abel
> > > Sent: Thursday, May 13, 2010 16:06 PM
> > > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > > Subject: [TS-850_450_690] TS-850 and SignalinkUSB
> > >
> > >
> > > I need help in configuring cable SLUSB13K Linked to TS-850S.
> > > Can someone tell me the corresponding wires from RJ45 connector
> > > in the rear of SignalinkUSB to 13 pins ACC2 in TS-850S ?
> > > Thanks in advance
> > > EA3AQS.
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

9268. SO-2 TCXO for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-14 18:17:16 UTC
From: Colin Thomson
Topic: 9268 Message: 9268

Hi,

I have a used and working SO-2 TCXO for sale. I recently calibrated it so there is a small flap where I carefully lifted part of the foil label to get to access to the trimmer.

Inquiries/offers direct to me please, not via the group.

73 Colin - G6AVK

9269. TS-690S power modification

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-15 11:56:50 UTC
From: david269140
Topic: 9269 Message: 9269

I'm now using my TS-690S as a 28MHz driver for various transverters.

Is there a simple way to drop the power down from 100W to nominally 10W
rather than winding the power control right down or putting some DC in the ALC socket.

Just wondered if there was a diode I could snip (or similar) to make it a semi-permanent solution.

It works as it is but I'm a bit twitchy in case I accidentally blast 100W into the transverters really.

73 David G4ASR

9270. Re: [TS-850_450_690] TS-690S power modification

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-15 13:31:30 UTC
From: Crownhaven
Topic: 9269 Message: 9270

Looking forward to answers too David. I am also using a TS-450S for a 28 MHz driver for two transverters. I pulled the knob off the power control on mine to remind me. A mod would be interesting.

Steve, N4JQQ

On 5/15/2010 6:56 AM, david269140 wrote:
>
> I'm now using my TS-690S as a 28MHz driver for various transverters.
>
> Is there a simple way to drop the power down from 100W to nominally 10W
> rather than winding the power control right down or putting some DC in
> the ALC socket.
>
> Just wondered if there was a diode I could snip (or similar) to make
> it a semi-permanent solution.
>
> It works as it is but I'm a bit twitchy in case I accidentally blast
> 100W into the transverters really.
>
> 73 David G4ASR
>
>

[Non-text portions of this message have been removed]

9271. Re: SO-2 TCXO for sale [sold]

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-15 18:58:17 UTC
From: Colin
Topic: 9268 Message: 9271

Hi,

The SO-2 is now sold.

73 Colin - G6AVK

9272. Re: [TS-850_450_690] TS-690S power modification

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-16 02:07:24 UTC
From: bayuh@yahoo.com
Topic: 9269 Message: 9272

Dear all,

I also use TS-690S and wanted the same solution, not for the Xverter, but for reducing TX power to a minimum for my manual antenna tuning unit.....(Well, since my experiments are mostly on ATU and antena systems)

This is my plan (not have time yet to work on it....but I use the same solution for my older radio, an FT-80C.....HI) ---go to the schematic diagram, locate it on board, replace the Potentiometer (or have switch at the back panel) with fixed resistor, or semi-fixed VR with the same value.....

Just my two-cents idea...

73,
Bayu/YC1RJ

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: Crownhaven <crownhaven@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Sat, 15 May 2010 08:31:30
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690S power modification

Looking forward to answers too David. I am also using a TS-450S for a
28 MHz driver for two transverters. I pulled the knob off the power
control on mine to remind me. A mod would be interesting.

Steve, N4JQQ

On 5/15/2010 6:56 AM, david269140 wrote:
>
> I'm now using my TS-690S as a 28MHz driver for various transverters.
>
> Is there a simple way to drop the power down from 100W to nominally 10W
> rather than winding the power control right down or putting some DC in
> the ALC socket.
>
> Just wondered if there was a diode I could snip (or similar) to make
> it a semi-permanent solution.
>
> It works as it is but I'm a bit twitchy in case I accidentally blast
> 100W into the transverters really.
>

> 73 David G4ASR
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9273. Re: [TS-850_450_690] TS-690S power modification

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-16 05:10:38 UTC
From: Chuck Goelz
Topic: 9269 Message: 9273

Would it make sense to see if the schematics show how the
power is reduced for tune-mode (ATU), and see if you can emulate
that? I haven't looked at the schematics for this on the 450/690
(but I have for the 440, and it was rewarding), so I'm just
offering my thoughts...

Good Luck!

Chuck, WA3CEJ

----- Original Message -----
From: <bayuh@...>
To: "TS 450-690-850 mailist" <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 15, 2010 10:07 PM
Subject: Re: [TS-850_450_690] TS-690S power modification

Dear all,

I also use TS-690S and wanted the same solution, not for the Xverter, but
for reducing TX power to a minimum for my manual antenna tuning
unit.....(Well, since my experiments are mostly on ATU and antena systems)

This is my plan (not have time yet to work on it....but I use the same
solution for my older radio, an FT-80C.....HI) ---go to the schematic
diagram, locate it on board, replace the Potentiometer (or have switch at
the back panel) with fixed resistor, or semi-fixed VR with the same
value.....

Just my two-cents idea...

73,
Bayu/YC1RJ

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: Crownhaven <crownhaven@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Sat, 15 May 2010 08:31:30
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690S power modification

Looking forward to answers too David. I am also using a TS-450S for a
28 MHz driver for two transverters. I pulled the knob off the power
control on mine to remind me. A mod would be interesting.

Steve, N4JQQ

On 5/15/2010 6:56 AM, david269140 wrote:
>
> I'm now using my TS-690S as a 28MHz driver for various transverters.
>
> Is there a simple way to drop the power down from 100W to nominally 10W
> rather than winding the power control right down or putting some DC in
> the ALC socket.
>
> Just wondered if there was a diode I could snip (or similar) to make
> it a semi-permanent solution.
>
> It works as it is but I'm a bit twitchy in case I accidentally blast
> 100W into the transverters really.
>
> 73 David G4ASR
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9274. Re: [TS-850_450_690] TS-690S power modification

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-16 05:53:26 UTC
From: bayuh@yahoo.com
Topic: 9269 Message: 9274

That of course also make sense.
But I am not sure about the emulation, so maybe some of you knew it?

Thanks!
Sent from my BlackBerry®
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "Chuck Goelz" <c.goelz@verizon.net>
Sender: TS-850_450_690@yahoogroups.com
Date: Sun, 16 May 2010 01:10:38
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690S power modification

Would it make sense to see if the schematics show how the
power is reduced for tune-mode (ATU), and see if you can emulate
that? I haven't looked at the schematics for this on the 450/690
(but I have for the 440, and it was rewarding), so I'm just
offering my thoughts...

Good Luck!

Chuck, WA3CEJ

----- Original Message -----
From: <bayuh@yahoo.com>
To: "TS 450-690-850 mailist" <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 15, 2010 10:07 PM
Subject: Re: [TS-850_450_690] TS-690S power modification

Dear all,

I also use TS-690S and wanted the same solution, not for the Xverter, but
for reducing TX power to a minimum for my manual antenna tuning
unit.....(Well, since my experiments are mostly on ATU and antena systems)

This is my plan (not have time yet to work on it....but I use the same
solution for my older radio, an FT-80C.....HI) ---go to the schematic
diagram, locate it on board, replace the Potentiometer (or have switch at
the back panel) with fixed resistor, or semi-fixed VR with the same
value.....

Just my two-cents idea...

73,
Bayu/YC1RJ

Sent from my BlackBerry®
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: Crownhaven <crownhaven@bellsouth.net>
Sender: TS-850_450_690@yahoogroups.com
Date: Sat, 15 May 2010 08:31:30
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690S power modification

Looking forward to answers too David. I am also using a TS-450S for a
28 MHz driver for two transverters. I pulled the knob off the power
control on mine to remind me. A mod would be interesting.

Steve, N4JQQ

On 5/15/2010 6:56 AM, david269140 wrote:
>
> I'm now using my TS-690S as a 28MHz driver for various transverters.
>
> Is there a simple way to drop the power down from 100W to nominally 10W
> rather than winding the power control right down or putting some DC in
> the ALC socket.
>
> Just wondered if there was a diode I could snip (or similar) to make
> it a semi-permanent solution.
>
> It works as it is but I'm a bit twitchy in case I accidentally blast
> 100W into the transverters really.
>
> 73 David G4ASR
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

----

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

9275. Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-16 03:51:33 UTC
From: kc5cqw
Topic: 8897 Message: 9275

I seem to have the same symptoms in my 450 that started this week.
Do these rigs share the same RF deck?
I'm about to look at the service manual before I open it up.

73, Damon

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@...> wrote:
>
> Hello!
>
> This last weekend I have been working on a Kenwood TS-850S with a fault I had
> never found before nor have found documented on the WEB (see note at the end)
>
> Symptoms were some very strong noises coming from the speaker, even without
> antenna connected. S-meter signals were up to about 9-9+20dB. Noise was like
> static crashes and didn't have a repetitive pattern. From time to time, they
> were gone. But, luckily, most of the time noise was present.
>
> I first thought on CAR UNIT faults, but oscillators were clean and I found that
> CAR UNIT SMD capacitors had been already replaced. I checked also AF amplifier
> area, which was OK. Then I checked IF signals and the noise was there, of
> course, but the cause for it was not found in the signal chain from AF to second
> IF. I found that disconnecting the receiving IF cable from RF to IF PCB (8.83MHz
> IF signal) eliminated the noise, so it shoud be closer to the antenna... The
> problem is that signals are of a very low level at first RF stages so they can't
> be seen with the oscilloscope.
>
> I then checked power supplies and, yes, there was some noise on them. But just
> some mV. I thought that noise was not the cause but the result of whatever
> generated that noise.
>
> I went back to schematics, trying to find what could cause such erratic noise.
> RF amplifiers seemed OK and noise on them was barely visible, again in the power
> supply. Then I saw in the RF UNIT schematic an small digital transistor which
> switched on an attenuator on RX section when trasmitting... could that be the
> problem?. I put the oscilloscope on the collector and, BINGO, there it was!!!.
> The transistor was switching on and off by itself!
>
> As it is only useful when transmitting, I removed it from the circuit and then a
> perfect reception came back. GREAT!!! (of course, I later replaced it with a new
> one)
>
> For your reference, transistor is Q49 (DTC124EK), located on page 121 of Service
> Manual (both PDF and real page numbers are the same), on the top left corner,
> labelled as RF SW

>
> Hope this saves someone the work to locate a similar fault!
>
> Best regards,
>
> JOSE
>
> Note: now that I know that it was Q49, looking on the WEB and on this Group for
> TS-850S and Q49 reveals this transistor can also generate low sensitivity and
> trasmitting problems, but the cracking noise seems to be not documented.
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> Vintage Radio and Test Equipment..... http://jvgavila.com
> RadioRepair BLOG..... http://radiorepair.blogspot.com
>

9276. DSP-599zx RTTY modem on TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-16 02:03:09 UTC
From: nz6p_mike
Topic: 9276 Message: 9276

I want to interface my ACC2 13 pin DIN to run the RTTY modem in DSP-599zx. I am confused by the different pin identifications.

The DSP-599zx 8-pin DIN has:
1-Line Out
2-Signal Ground
3-PTT Out
4-Key Out
5-FSK Out
6-DIN Audio In
7-PTT in
8-not used

TS 850 13 pin DIN shows (only the ones with connections):
3-ANO (recvr audio fixed level)
4-Ground (audio out shield)
5-PSQ (squelch control for packet ?)
6-S meter (voltage varies with S meter reading)
8-Grounding
9-PKS (standby - mic off/transmit)
11-PKD (mic input)
12-GND (same as pin 4?)
13-SS (standby terminal - grounding transmits)

Any help would be greatly appreciated.

..mike NZ6P

9277. Re: An interesting fault in a TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-16 16:22:18 UTC
From: kc5cqw
Topic: 8897 Message: 9277

I found a leaking C104 on the IF PWB so that is being replaced first.
While in there, I did the BCB attenuator bypass mod. Does anyone have suggestions on areas I should check or other mods while it is in surgery?

73, Damon

--- In TS-850_450_690@yahoogroups.com, "kc5cqw" <kc5cqw@...> wrote:
>
> I seem to have the same symptoms in my 450 that started this week.
> Do these rigs share the same RF deck?
> I'm about to look at the service manual before I open it up.
>
> 73, Damon
>
> --- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@> wrote:
> >
> > Hello!
> >
> > This last weekend I have been working on a Kenwood TS-850S with a fault I had
> > never found before nor have found documented on the WEB (see note at the end)
> >
> > Symptoms were some very strong noises coming from the speaker, even without
> > antenna connected. S-meter signals were up to about 9-9+20dB. Noise was like
> > static crashes and didn't have a repetitive pattern. From time to time, they
> > were gone. But, luckily, most of the time noise was present.
> >
> > I first thought on CAR UNIT faults, but oscillators were clean and I found that
> > CAR UNIT SMD capacitors had been already replaced. I checked also AF amplifier
> > area, which was OK. Then I checked IF signals and the noise was there, of
> > course, but the cause for it was not found in the signal chain from AF to second
> > IF. I found that disconnecting the receiving IF cable from RF to IF PCB (8.83MHz
> > IF signal) eliminated the noise, so it shoud be closer to the antenna... The
> > problem is that signals are of a very low level at first RF stages so they can't
> > be seen with the oscilloscope.
> >
> > I then checked power supplies and, yes, there was some noise on them. But just
> > some mV. I thought that noise was not the cause but the result of whatever
> > generated that noise.
> >
> > I went back to schematics, trying to find what could cause such erratic noise.
> > RF amplifiers seemed OK and noise on them was barely visible, again in the power
> > supply. Then I saw in the RF UNIT schematic an small digital transistor which
> > switched on an attenuator on RX section when trasmitting... could that be the
> > problem?. I put the oscilloscope on the collector and, BINGO, there it was!!!.
> > The transistor was switching on and off by itself!

> >
> > As it is only useful when transmitting, I removed it from the circuit and then a
> > perfect reception came back. GREAT!!! (of course, I later replaced it with a new
> > one)
> >
> > For your reference, transistor is Q49 (DTC124EK), located on page 121 of Service
> > Manual (both PDF and real page numbers are the same), on the top left corner,
> > labelled as RF SW
> >
> > Hope this saves someone the work to locate a similar fault!
> >
> > Best regards,
> >
> > JOSE
> >
> > Note: now that I know that it was Q49, looking on the WEB and on this Group for
> > TS-850S and Q49 reveals this transistor can also generate low sensitivity and
> > trasmitting problems, but the cracking noise seems to be not documented.
> >
> > --
> > 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> > Vintage Radio and Test Equipment..... http://jvgavila.com
> > RadioRepair BLOG..... http://radiorepair.blogspot.com
> >
>

9278. Internatio radio modules for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-17 00:30:18 UTC
From: Kurt Cathcart, KR2C
Topic: 9269 Message: 9278

When I purchased my TS-450 a few years ago it came with two International Radio mods. One is the MONI-450 and the other is the PROC-450. Does anybody have any information on these mods? Are they a desirable thing to have? If no, should I remove them?

-Kurt
KR2C

9279. Re: [TS-850_450_690] Internatio radio modules for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-17 19:52:54 UTC
From: Dave ve3wej
Topic: 9269 Message: 9279

just by the names, it sounds like a monitor mod (a good thing) and processor mods (a good thing) assuming there were neither of these features in the radio..

can you ask who you bought it from or international radio what the mods did.

I would say, if they dont interfere with YOUR operating style, why remove them

----- Original Message -----
From: "Kurt Cathcart, KR2C" <kurt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 16, 2010 8:30 PM
Subject: [TS-850_450_690] Internatio radio modules for the TS-450

> When I purchased my TS-450 a few years ago it came with two
> International Radio mods. One is the MONI-450 and the other is the
> PROC-450. Does anybody have any information on these mods? Are they a
> desirable thing to have? If no, should I remove them?
>
> -Kurt
> KR2C
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9280. Re: TS-690S power modification

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-17 22:54:45 UTC
From: david269140
Topic: 9269 Message: 9280

Removing D23 drops the power on 28MHz down to 50W

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Looking forward to answers too David. I am also using a TS-450S for a
> 28 MHz driver for two transverters. I pulled the knob off the power
> control on mine to remind me. A mod would be interesting.
>
> Steve, N4JQQ
>
> On 5/15/2010 6:56 AM, david269140 wrote:
> >
> > I'm now using my TS-690S as a 28MHz driver for various transverters.
> >
> > Is there a simple way to drop the power down from 100W to nominally 10W
> > rather than winding the power control right down or putting some DC in
> > the ALC socket.
> >
> > Just wondered if there was a diode I could snip (or similar) to make
> > it a semi-permanent solution.
> >
> > It works as it is but I'm a bit twitchy in case I accidentally blast
> > 100W into the transverters really.
> >
> > 73 David G4ASR
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9281. Beware of Ebay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-18 13:20:06 UTC
From: Paul
Topic: 9281 Message: 9281

Beware: There is a seller, on ebay, called SmileNtango, selling RAMs for PC, and they send defective parts, intentionally, so you will send it back, without refund, with the excuse that they have never received it back, all with the blessing of Ebay and Paypal ! They keep on doing this to others, all over the world, making money on defective, useless parts. What a clever way to do buisness with a little help from Ebay & Paypal !!!!!

9282. Re: Beware of Ebay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-18 17:37:52 UTC
From: ah6rr1
Topic: 9281 Message: 9282

That is what Delivery Conformation is for so you can prove they got it.

--- In TS-850_450_690@yahoogroups.com, "Paul" <pawlud@...> wrote:
>
> Beware: There is a seller, on ebay, called SmileNtango, selling RAMs for PC, and they send defective parts, intentionally, so you will send it back, without refund, with the excuse that they have never received it back, all with the blessing of Ebay and Paypal ! They keep on doing this to others, all over the world, making money on defective, useless parts. What a clever way to do buisness with a little help from Ebay & Paypal !!!!!
>

9283. Re: [TS-850_450_690] Beware of Ebay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-18 18:31:54 UTC
From: Kurt Cathcart, KR2C
Topic: 9281 Message: 9283

I can't seem to fand a memory slot on my TS-450. Will more memory make my radio faster?

----- Original Message -----
From: Paul
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 18, 2010 9:20 AM
Subject: [TS-850_450_690] Beware of Ebay

Beware: There is a seller, on ebay, called SmileNtango, selling RAMs for PC, and they send defective parts, intentionally, so you will send it back, without refund, with the excuse that they have never received it back, all with the blessing of Ebay and Paypal ! They keep on doing this to others, all over the world, making money on defective, useless parts. What a clever way to do buisness with a little help from Ebay & Paypal !!!!!

[Non-text portions of this message have been removed]

9284. preamp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-18 19:04:00 UTC
From: Paul Spiteri
Topic: 9284 Message: 9284

Hi all,
Does anyone is using a Preamplifier with the TS-850 ?? Looking for a Preamplifier all band 1.8 to 30 Mhz.
I will appriciate some help , looking forward to have better gain receive.

73s
9H1SP
Paul

--
I am using the free version of SPAMfighter.
We are a community of 7 million users fighting spam.
SPAMfighter has removed 1012 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]

9285. Re: [TS-850_450_690] preamp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-18 19:10:11 UTC
From: Dave ve3wej
Topic: 9284 Message: 9285

Hi Paul, check you q49 on the rf board, failure can cause poor receive. I never needed a preamp for my 850

----- Original Message -----
From: "Paul Spiteri" <9h1sp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 18, 2010 3:04 PM
Subject: [TS-850_450_690] preamp

> Hi all,
> Does anyone is using a Preamplifier with the TS-850 ?? Looking for a
> Preamplifier all band 1.8 to 30 Mhz.
> I will appriciate some help , looking forward to have better gain
> receive.
>
>
> 73s
> 9H1SP
> Paul
>
> --
> I am using the free version of SPAMfighter.
> We are a community of 7 million users fighting spam.
> SPAMfighter has removed 1012 of my spam emails to date.
> Get the free SPAMfighter here: http://www.spamfighter.com/len
>
> The Professional version does not have this message
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9286. Re: electrolytics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-19 11:27:01 UTC
From: rovntoma
Topic: 9255 Message: 9286

I replaced some Elnas in my 850s.Some had only 50% of original value.

--- In TS-850_450_690@yahoogroups.com, Tobias Weber <tobiw@...> wrote:
>
> Villy,
>
> It not only a matter of time, but also temperature, air pressure,
> moisture. Sooner or later every electrolytic cap starts to leak. They
> all have a limited lifetime. I have a 5xxxxxxxx series 805SAT here and
> all was fine with the caps but I decided to change all before they go
> mad. I used to repair al lot TVs and radios in my career and that is
> just my experience. If some elektronic device gets old, change the caps
> to keep it alive.
>
> Tobias
> DG3YEV
>
> Am 11.05.2010 18:37, schrieb villy.madsen:
> >
> > Are all vintages of the TS850sat (I have a 6xxxxxx series one with
> > maybe a couple of hundred hrs of powered on time) subject to the
> > leaking electrolytic problem ??
> >
> > Villy
> >
> > ve6sq
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

9287. ts-690s memory battery replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-20 21:47:43 UTC
From: wa3sru
Topic: 9287 Message: 9287

Hi,

I am new to this group. I recently obtained a ts-690s. The battery needs to be replaced as when the rig is powered on, it reverts to the lower edge of each band. Gets tiring turning the knob to get to the freq I want. Is there a document that addresses the replacement of the battery. I looked thru the manual & don't see any reference other than sending rig to have the battery changed. Any help would be appreciated. I currently have the rig in my Ford F-250 Diesel as a mobile rig with a Little Tarheel II screwdriver antenna.

Tnx & 73's

Joe
wa3sru

[Non-text portions of this message have been removed]

9288. Re: [TS-850_450_690] ts-690s memory battery replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-20 22:39:31 UTC
From: Dave ve3wej
Topic: 9287 Message: 9288

try the service manual
http://kb2ljj.serveftp.com/kenwoods/TS-450S_Service_manual.pdf (same manual for 690)

----- Original Message -----
From: "wa3sru" <wa3sru@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, May 20, 2010 5:47 PM
Subject: [TS-850_450_690] ts-690s memory battery replacement

> Hi,
>
> I am new to this group. I recently obtained a ts-690s. The battery needs
> to be replaced as when the rig is powered on, it reverts to the lower edge
> of each band. Gets tiring turning the knob to get to the freq I want. Is
> there a document that addresses the replacement of the battery. I looked
> thru the manual & don't see any reference other than sending rig to have
> the battery changed. Any help would be appreciated. I currently have the
> rig in my Ford F-250 Diesel as a mobile rig with a Little Tarheel II
> screwdriver antenna.
>
> Tnx & 73's
>
> Joe
> wa3sru
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9289. Re: ts-690s memory battery replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-21 01:45:08 UTC
From: wa3sru
Topic: 9287 Message: 9289

Thanks Dave. Took awhile to find the info. Found the part No.BA1 & then found it on the Digital Board. Printed off the board locations. Now I just need to see how involved it will be to get to it.

Joe
wa3sru

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> try the service manual
> http://kb2ljj.serveftp.com/kenwoods/TS-450S_Service_manual.pdf (same manual
> for 690)
>

9290. KENWOOD TS 570 SCHEMATICS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-24 11:14:25 UTC
From: eagle one
Topic: 9030 Message: 9290

Greetings everybody.

I have a faulty TS 570 and needs the schematics to repair the rig. I would grateful it if one could be e-mailed to me directly. Alternatively, a web address where I can down-load, preferably for free, is appreciated. Thank you and 73

Hanafi

[Non-text portions of this message have been removed]

9291. Re: [TS-850_450_690] KENWOOD TS 570 SCHEMATICS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-24 12:07:10 UTC
From: cparrish104@cfl.rr.com
Topic: 9030 Message: 9291

This might be what you're looking for:
http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=21294

73, K4TL
---- eagle one <foxbat_alpha@...> wrote:
>
> Greetings everybody.
>
> I have a faulty TS 570 and needs the schematics to repair the rig. I would grateful it if one could be e-mailed to me directly. Alternatively, a web address where I can down-load, preferably for free, is appreciated. Thank you and 73
>
> Hanafi
>
>
>
>
> [Non-text portions of this message have been removed]
>

9292. Re: [TS-850_450_690] KENWOOD TS 570 SCHEMATICS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-24 12:29:21 UTC
From: Dave ve3wej
Topic: 9030 Message: 9292

also try http://www.qsl.net/on6ab/TS570.html

or

http://www.mods.dk/downloadmanual.php?RefFil=TS-570_Schematic.zip&radio=

its amazing what a search does....

not sure though if it matters which 570 model you have

Dave Garber
VE3WEJ@...

----- Original Message -----
From: <cparrish104@...>
To: <TS-850_450_690@yahoogroups.com>
Cc: "eagle one" <foxbat_alpha@...>
Sent: Monday, May 24, 2010 8:07 AM
Subject: Re: [TS-850_450_690] KENWOOD TS 570 SCHEMATICS

This might be what you're looking for:
http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=21294

73, K4TL
---- eagle one <foxbat_alpha@...> wrote:
>
> Greetings everybody.
>
> I have a faulty TS 570 and needs the schematics to repair the rig. I would
> grateful it if one could be e-mailed to me directly. Alternatively, a web
> address where I can down-load, preferably for free, is appreciated. Thank
> you and 73
>
> Hanafi
>
>
>
>
> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...! Groups Links

9293. Re: [TS-850_450_690] KENWOOD TS 570 SCHEMATICS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-24 13:13:06 UTC
From: Zack Widup
Topic: 9030 Message: 9293

This is one of the bst kept secrets around (so far):

http://www.radioamateur.eu

They have practically every manual that exists and they're all free, no limits on downloads, etc. The 570 is there. It's specifically under:

http://www.radioamateur.eu/KENWOOD.html

73, Zack W9SZ

On Mon, May 24, 2010 at 7:29 AM, Dave ve3wej <ve3wej@...> wrote:

>
>
> also try http://www.qsl.net/on6ab/TS570.html
>
> or
>
> http://www.mods.dk/downloadmanual.php?RefFil=TS-570_Schematic.zip&radio=
>
> its amazing what a search does....
>
> not sure though if it matters which 570 model you have
>
> Dave Garber
> VE3WEJ@... <VE3WEJ%40COGECO.CA>
>
>
> ----- Original Message -----
> From: <cparrish104@... <cparrish104%40cfl.rr.com>>
> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> Cc: "eagle one" <foxbat_alpha@... <foxbat_alpha%40yahoo.com>>
> Sent: Monday, May 24, 2010 8:07 AM
> Subject: Re: [TS-850_450_690] KENWOOD TS 570 SCHEMATICS
>
> This might be what you're looking for:
> http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=21294
>
> 73, K4TL
> ---- eagle one <foxbat_alpha@yahoo.com <foxbat_alpha%40yahoo.com>> wrote:
> >
> > Greetings everybody.
> >
> > I have a faulty TS 570 and needs the schematics to repair the rig. I
> would

> > grateful it if one could be e-mailed to me directly. Alternatively, a web
> > address where I can down-load, preferably for free, is appreciated. Thank
> > you and 73
> >
> > Hanafi
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>
>

[Non-text portions of this message have been removed]

9294. DSP 100 for sale on QTH.com

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-25 03:30:22 UTC
From: Tom Osborne
Topic: 9294 Message: 9294

There's a Kenwood DSP-100 thats for sale on QTH.com
Listing number 828363 73
Tom W7WHY

9295. TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-28 12:48:11 UTC
From: Scott
Topic: 9295 Message: 9295

Hello, my name is Scott, K9RAS. Thanks for letting me join the group. I just got a TS-450 off the bay. I only get about 20 watts out on ssb but CW and FM are full out. Any ideas where i should begin to look? Thanks.

9296. Re: [TS-850_450_690] TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-28 13:55:21 UTC
From: cparrish104@cfl.rr.com
Topic: 9295 Message: 9296

Hi Scott,

What kind of meter are you reading the power with? If you're not using a peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what your peak ssb power output is.

73, Curt, K4TL

---- Scott <johndeeredman@...> wrote:
> Hello, my name is Scott, K9RAS. Thanks for letting me join the group. I just got a TS-450 off the bay. I only get about 20 watts out on ssb but CW and FM are full out. Any ideas where i should begin to look? Thanks.
>

9297. Re: TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-28 14:04:09 UTC
From: Scott
Topic: 9295 Message: 9297

I am using the meter on the radio and the meter on my antenna tuner. I am going into a 50 ohm dummy load. It worked fine when first powered up. But as the radio got warm the power level dropped. I can turn the power adjustment all the way up and maybe get 20 watts max out.

--- In TS-850_450_690@yahoogroups.com, <cparrish104@...> wrote:
>
> Hi Scott,
>
> What kind of meter are you reading the power with? If you're not using a peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what your peak ssb power output is.
>
> 73, Curt, K4TL
>
> ---- Scott <johndeeredman@...> wrote:
> > Hello, my name is Scott, K9RAS. Thanks for letting me join the group. I just got a TS-450 off the bay. I only get about 20 watts out on ssb but CW and FM are full out. Any ideas where i should begin to look? Thanks.
> >
>

9298. Re: [TS-850_450_690] TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-28 19:22:32 UTC
From: Dave ve3wej
Topic: 9295 Message: 9298

were you expecting it to work flawless????? from Ebay seller???

how are you getting the 20watts, check mike gain not power out gain.

If you put the radio in fsk mode, key with the send button, the rig go to 100Watts????

also, try a differnnt mike???

----- Original Message -----
From: "Scott" <johndeeredman@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, May 28, 2010 8:48 AM
Subject: [TS-850_450_690] TS-450 low output on ssb

> Hello, my name is Scott, K9RAS. Thanks for letting me join the group.
> I just got a TS-450 off the bay. I only get about 20 watts out on ssb but
> CW and FM are full out. Any ideas where i should begin to look? Thanks.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9299. Re: TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-28 23:46:02 UTC
From: birchardvilleobservatory
Topic: 9295 Message: 9299

Scott, we now know what you have to measure with. Now, when in CW mode, you say you get 100 watts. When you are trying to measure your SSB mode output, are you talking into the mike, whistling into the mike, just letting the mike sit on the desk, or what?

My point is that average power output for my TS-850 in SSB mode is about 20 watts for normal speech. A whistle pushes the average power up while I'm whistling. Switching my Bird to PEAK mode gives me 80-110 watts with the same kind of speech patterns.

Maybe your new (new to you) radio is working as designed -- SSB should have zero out when nothing goes into the microphone!

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> I am using the meter on the radio and the meter on my antenna tuner. I am going into a 50 ohm dummy load. It worked fine when first powered up. But as the radio got warm the power level dropped. I can turn the power adjustment all the way up and maybe get 20 watts max out.
>
> --- In TS-850_450_690@yahoogroups.com, <cparrish104@> wrote:
> >
> > Hi Scott,
> >
> > What kind of meter are you reading the power with? If you're not using a peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what your peak ssb power output is.
> >
> > 73, Curt, K4TL
> >
> > ---- Scott <johndeeredman@> wrote:
> > > Hello, my name is Scott, K9RAS. Thanks for letting me join the group. I just got a TS-450 off the bay. I only get about 20 watts out on ssb but CW and FM are full out. Any ideas where i should begin to look? Thanks.
> > >
> >
> >
>

9300. Re: [TS-850_450_690] Re: TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-29 00:11:52 UTC
From: Bob Naylor
Topic: 9295 Message: 9300

Scott, Into a dummy load, crank up the power and mic gain and whistle, yell, or whatever and see if it will read 100 watts. If it will, then the rig is putting out 100 watts. You may not want to go on the air like that but it does tell you how the power out meter behaves. Bob WE6C

--- On Fri, 5/28/10, birchardvilleobservatory <birchardvilleobservatory@yahoo.com> wrote:

From: birchardvilleobservatory <birchardvilleobservatory@yahoo.com>
Subject: [TS-850_450_690] Re: TS-450 low output on ssb
To: TS-850_450_690@yahoogroups.com
Date: Friday, May 28, 2010, 4:46 PM

Scott, we now know what you have to measure with. Now, when in CW mode, you say you get 100 watts. When you are trying to measure your SSB mode output, are you talking into the mike, whistling into the mike, just letting the mike sit on the desk, or what?

My point is that average power output for my TS-850 in SSB mode is about 20 watts for normal speech. A whistle pushes the average power up while I'm whistling. Switching my Bird to PEAK mode gives me 80-110 watts with the same kind of speech patterns.

Maybe your new (new to you) radio is working as designed -- SSB should have zero out when nothing goes into the microphone!

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:

>

> I am using the meter on the radio and the meter on my antenna tuner. I am going into a 50 ohm dummy load. It worked fine when first powered up. But as the radio got warm the power level dropped. I can turn the power adjustment all the way up and maybe get 20 watts max out.

>

> --- In TS-850_450_690@yahoogroups.com, <cparrish104@> wrote:

> >

> > Hi Scott,

> >

> > What kind of meter are you reading the power with? If you're not using a peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what your peak ssb power output is.

> >

> > 73, Curt, K4TL

> >

> > ---- Scott <johndeeredman@> wrote:

> > > Hello, my name is Scott, K9RAS. Thanks for letting me join the group. I just got a TS-450 off the bay. I only get about 20 watts out on ssb but CW and FM are full out. Any ideas where i should begin to look? Thanks.

> > >

> >

>

[Non-text portions of this message have been removed]

9301. Re: [TS-850_450_690] Re: TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-28 19:35:21 UTC
From: David Struebel
Topic: 9295 Message: 9301

Showing any ALC indication in SSB mode? Assume you have tried increasing the microphone gain setting, make any difference? Checked out the microphone?

73 Dave WB2FTX
----- Original Message -----
From: "Scott" <johndeeredman@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, May 28, 2010 10:04 AM
Subject: [TS-850_450_690] Re: TS-450 low output on ssb

>I am using the meter on the radio and the meter on my antenna tuner. I am
>going into a 50 ohm dummy load. It worked fine when first powered up. But
>as the radio got warm the power level dropped. I can turn the power
>adjustment all the way up and maybe get 20 watts max out.
>
> --- In TS-850_450_690@yahoogroups.com, <cparrish104@...> wrote:
>>
>> Hi Scott,
>>
>> What kind of meter are you reading the power with? If you're not using a
>> peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what
>> your peak ssb power output is.
>>
>> 73, Curt, K4TL
>>
>> ---- Scott <johndeeredman@...> wrote:
>> > Hello, my name is Scott, K9RAS. Thanks for letting me join the group.
>> > I just got a TS-450 off the bay. I only get about 20 watts out on ssb
>> > but CW and FM are full out. Any ideas where i should begin to look?
>> > Thanks.
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.819 / Virus Database: 271.1.1/2901 - Release Date: 05/28/10
02:25:00

9302. Re: TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-29 01:43:58 UTC
From: Scott
Topic: 9295 Message: 9302

I havent checked ALC. I am whistling as loud as I can. One thing I did notice is that on 10m output is near 50w. As I go up through the bands it gets lower to where its only 20w on 160m. I am doing this all into my kw dummy load. SWR's are just barely over 1. Radio worked fine at first, the longer I used it the worse it got. I have tried adjusting all knobs (mic gain, power) to no avail. I dont have another 8 pin mic to try. All my other kenwood rigs (TS-830s, TS-530s, TS-700s, and TS-600) are all 4 pin.

--- In TS-850_450_690@yahoogroups.com, David Struebel <wb2ftx@...> wrote:
>
> Showing any ALC indication in SSB mode? Assume you have tried increasing the
> microphone gain setting, make any difference? Checked out the microphone?
>
> 73 Dave WB2FTX
> ----- Original Message -----
> From: "Scott" <johndeeredman@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, May 28, 2010 10:04 AM
> Subject: [TS-850_450_690] Re: TS-450 low output on ssb
>
>
> >I am using the meter on the radio and the meter on my antenna tuner. I am
> >going into a 50 ohm dummy load. It worked fine when first powered up. But
> >as the radio got warm the power level dropped. I can turn the power
> >adjustment all the way up and maybe get 20 watts max out.
> > >
> > --- In TS-850_450_690@yahoogroups.com, <cparrish104@> wrote:
> >>
> >> Hi Scott,
> >>
> >> What kind of meter are you reading the power with? If you're not using a
> >> peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what
> >> your peak ssb power output is.
> >>
> >> 73, Curt, K4TL
> >>
> >> ---- Scott <johndeeredman@> wrote:
> >> > Hello, my name is Scott, K9RAS. Thanks for letting me join the group.
> >> > I just got a TS-450 off the bay. I only get about 20 watts out on ssb
> >> > but CW and FM are full out. Any ideas where i should begin to look?
> >> > Thanks.
> >> >
> >>
> > >
> > >
> > >

> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> ---
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.819 / Virus Database: 271.1.1/2901 - Release Date: 05/28/10
> 02:25:00
>

9303. Help please

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-29 09:19:30 UTC
From: Paul
Topic: 9303 Message: 9303

Hi,

I need to buy two Mini-Circuits type PSC-2-1 power splitters.
The cheapest I could get from the States is here:

http://www.alltronics.com/cgi-bin/item/PSC_2_1/search/Mini-Circuits-PSC-2-1

But they are claiming $30 for postage, which is ridiculous. I have received complete kits from the States to Malta with postage ranging from $3.90 to $12.

I am looking for a kind heart from the States, who can order it for me.

Thanks
Paul
9H1FQ

9304. Loss of 6db attenuator

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-31 03:01:42 UTC
From: n8nma
Topic: 9304 Message: 9304

Hello, well not sure when or how but my 6db attenuator on my TS-850S has stopped working. Shuts the receive completely off. The 12db one works as it should. Anyone know of this or know a fix ?

Thanks

Tom

9305. looking for TS-450S part

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-31 04:13:44 UTC
From: John Patrick
Topic: 9305 Message: 9305

Hi I'm looking for a part for my TS-450S..I'm looking for part #R05-3462-05..This is for the mic gain..I also would like to find the automatic antenna tuner for the radio for a good price..Please let me know what you have..
Thanks

73
John

[Non-text portions of this message have been removed]

9306. Re: [TS-850_450_690] Loss of 6db attenuator

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-31 19:15:38 UTC
From: Dave ve3wej
Topic: 9304 Message: 9306

yes, I fixed mine by replacing the resistors r1 through r4 on the rf board..(suface mount).. email me for the part numbers if you do not see the schematic

----- Original Message -----
From: "n8nma" <n8nma@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 30, 2010 11:01 PM
Subject: [TS-850_450_690] Loss of 6db attenuator

> Hello, well not sure when or how but my 6db attenuator on my TS-850S has
> stopped working. Shuts the receive completely off. The 12db one works as
> it should. Anyone know of this or know a fix ?
>
> Thanks
>
> Tom
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9307. Re: Loss of 6db attenuator

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-05-31 23:40:56 UTC
From: ny1t
Topic: 9304 Message: 9307

I had this problem with one of my attenuators. One resister in the attenuator went open and another increased resistance. Grab the schematic and check find the attenuators.

9308. TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-04 16:44:56 UTC
From: w8aks
Topic: 9308 Message: 9308

Bought an Rigblaster Plus in order to run FSK; however have ran into a problem. I am configured for the 850SAt.

I get a steady tone (no shift) on transmit. I shorted the tip and sleeve on the end of the cable coming from the 850. It remains a steady carrier, indicating no shift coming from the 850.

Any ideas on what can be causing this problem, so I can start looking and correct the problem (if simole) or else Clif may have another 850SAT to work on <grin>

Thanks and 73
Marty
W8AKS

9309. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-04 21:37:58 UTC
From: Dave ve3wej
Topic: 9308 Message: 9309

are you running the fsk into the jack on the rear of the radio or the mike jack....

what happens when you type text, while the tone is on.... does it send the rtty

----- Original Message -----
From: "w8aks" <w8aks55@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, June 04, 2010 12:44 PM
Subject: [TS-850_450_690] TS850SAT FSK Not Working

> Bought an Rigblaster Plus in order to run FSK; however have ran into a
> problem. I am configured for the 850SAt.
>
> I get a steady tone (no shift) on transmit. I shorted the tip and sleeve
> on the end of the cable coming from the 850. It remains a steady carrier,
> indicating no shift coming from the 850.
>
> Any ideas on what can be causing this problem, so I can start looking and
> correct the problem (if simole) or else Clif may have another 850SAT to
> work on <grin>
>
> Thanks and 73
> Marty
> W8AKS
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9310. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-04 21:50:25 UTC
From: Marty
Topic: 9308 Message: 9310

Hi Dave,
I am using the rtty phono plug on the back of the 850.

I just typed some text while the tone was on. No difference in the tone. It is not shifting tones.

73
Marty
W8AKS

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 04, 2010 22:37
Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working

are you running the fsk into the jack on the rear of the radio or the mike jack....

what happens when you type text, while the tone is on.... does it send the rtty

----- Original Message -----
From: "w8aks" <w8aks55@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, June 04, 2010 12:44 PM
Subject: [TS-850_450_690] TS850SAT FSK Not Working

> Bought an Rigblaster Plus in order to run FSK; however have ran into a
> problem. I am configured for the 850SAt.
>
> I get a steady tone (no shift) on transmit. I shorted the tip and sleeve
> on the end of the cable coming from the 850. It remains a steady carrier,
> indicating no shift coming from the 850.
>
> Any ideas on what can be causing this problem, so I can start looking and
> correct the problem (if simole) or else Clif may have another 850SAT to
> work on <grin>
>
> Thanks and 73
> Marty
> W8AKS
>
>
>
>
> ------------------------------------

>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9311. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-04 22:56:47 UTC
From: Dave ve3wej
Topic: 9308 Message: 9311

I dont have mine setup for fsk here, but I think you still need audio from sound card to radio... rtty jack is only for the keying fsk mode..

thats probably why I use afsk via the 13 pin plug on rear of radio. it was easier

----- Original Message -----
From: "Marty" <w8aks55@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, June 04, 2010 5:50 PM
Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working

> Hi Dave,
> I am using the rtty phono plug on the back of the 850.
>
> I just typed some text while the tone was on. No difference in the tone.
> It is not shifting tones.
>
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: Dave ve3wej
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, June 04, 2010 22:37
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>
>
>
> are you running the fsk into the jack on the rear of the radio or the
> mike
> jack....
>
> what happens when you type text, while the tone is on.... does it send
> the
> rtty
>
> ----- Original Message -----
> From: "w8aks" <w8aks55@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, June 04, 2010 12:44 PM
> Subject: [TS-850_450_690] TS850SAT FSK Not Working
>
> > Bought an Rigblaster Plus in order to run FSK; however have ran into a
> > problem. I am configured for the 850SAt.

> >
> > I get a steady tone (no shift) on transmit. I shorted the tip and
> sleeve
> > on the end of the cable coming from the 850. It remains a steady
> carrier,
> > indicating no shift coming from the 850.
> >
> > Any ideas on what can be causing this problem, so I can start looking
> and
> > correct the problem (if simole) or else Clif may have another 850SAT to
> > work on <grin>
> >
> > Thanks and 73
> > Marty
> > W8AKS
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9312. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-04 23:49:56 UTC
From: WW3S
Topic: 9308 Message: 9312

with the cover off the Rigblaster PLus.....make sure the TXD led is flashing when you are sending text....if so, what type of software....if not, there is the first plae to look, the jumpers may not be set right....I used to use a RB PLus with my 850 so am familar with it....what software are you using...

On 6/4/2010 5:50:25 PM, Marty (w8aks55@...) wrote:
> Hi Dave,
> I am using the rtty phono plug on the back of the 850.
>
> I just typed some text while the tone was on. No difference in the tone.
> It is not shifting tones.
>
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: Dave ve3wej
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, June 04, 2010 22:37
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>
>
>
> are you running the fsk into the jack on the rear of the radio or the mike
>
> jack....
>
> what happens when you type text, while the tone is on.... does it send the
>
> rtty
>
> ----- Original Message -----
> From: "w8aks" <w8aks55@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, June 04, 2010 12:44 PM
> Subject: [TS-850_450_690] TS850SAT FSK Not Working
>
> > Bought an Rigblaster Plus in order to run FSK; however have ran into a
> > problem. I am configured for the 850SAt.
> >
> > I get a steady tone (no shift) on transmit. I shorted the tip and sleeve
>
> > on the end of the cable coming from the 850. It remains a steady

> > carrier,
>
> > indicating no shift coming from the 850.
> >
>

9313. LP-Pan IF settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-04 23:56:30 UTC
From: Jordan
Topic: 9313 Message: 9313

Can someone forward their setup information regarding IF settings in PSdr-IF for the 850S...?

Any help much appreciated...73...Jordan VE6ZT

[Non-text portions of this message have been removed]

9314. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 00:15:46 UTC
From: Marty
Topic: 9308 Message: 9314

I took the cover off and the txd led is blinking. The macro with my call is printing on the screen. The software is MMTTY,, naturally. If I can get this to work, the rest will fall into place. I tried shorting the cable coming from the rtty (phono) plug on the 850. The tones did not change. I'm thinking that something in the fsk end of the 850 may be bad. But wanted to talk to some other users before I jumped to conclusions.

Thanks for your help, appreciate it.
73
Marty
W8AKS

----- Original Message -----
From: WW3S
To: ts-850_450_690@yahoogroups.com
Sent: Saturday, June 05, 2010 0:49
Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working

with the cover off the Rigblaster PLus.....make sure the TXD led is flashing when you are sending text....if so, what type of software....if not, there is the first plae to look, the jumpers may not be set right....I used to use a RB PLus with my 850 so am familar with it....what software are you using...

On 6/4/2010 5:50:25 PM, Marty (w8aks55@...) wrote:
> Hi Dave,
> I am using the rtty phono plug on the back of the 850.
>
> I just typed some text while the tone was on. No difference in the tone.
> It is not shifting tones.
>
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: Dave ve3wej
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, June 04, 2010 22:37
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>
>
>
> are you running the fsk into the jack on the rear of the radio or the mike
>
> jack....
>

> what happens when you type text, while the tone is on.... does it send the
>
> rtty
>
> ----- Original Message -----
> From: "w8aks" <w8aks55@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, June 04, 2010 12:44 PM
> Subject: [TS-850_450_690] TS850SAT FSK Not Working
>
> > Bought an Rigblaster Plus in order to run FSK; however have ran into a
> > problem. I am configured for the 850SAt.
> >
> > I get a steady tone (no shift) on transmit. I shorted the tip and sleeve
>
> > on the end of the cable coming from the 850. It remains a steady
> > carrier,
>
> > indicating no shift coming from the 850.
> >
>

[Non-text portions of this message have been removed]

9315. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 00:45:22 UTC
From: WW3S
Topic: 9308 Message: 9315

try the K0BX website....Joe has a lot of info on there about the 850 and
FSK...there are several menu settings that need set correctly...I know it
sounds simple, but you have the rig in RTTY mode, and the rig is going in
transmit, right?
when you tried shorting the cable, you had the transmit button pushed in?

On 6/4/2010 8:15:46 PM, Marty (w8aks55@...) wrote:
> I took the cover off and the txd led is blinking. The macro with my call
> is printing on the screen. The software is MMTTY,, naturally. If I can get
> this to work, the rest will fall into place. I tried shorting the cable
> coming from the rtty (phono) plug on the 850. The tones did not change.
> I'm thinking that something in the fsk end of the 850 may be bad. But
> wanted to talk to some other users before I jumped to conclusions.
>
> Thanks for your help, appreciate it.
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: WW3S
> To: ts-850_450_690@yahoogroups.com
> Sent: Saturday, June 05, 2010 0:49
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>
>
>
>
> with the cover off the Rigblaster PLus.....make sure the TXD led is
> flashing
> when you are sending text....if so, what type of software....if not, there
> is the first plae to look, the jumpers may not be set right....I used to
> use
> a RB PLus with my 850 so am familar with it....what software are you
> using...
>
> On 6/4/2010 5:50:25 PM, Marty (w8aks55@...) wrote:
> > Hi Dave,
> > I am using the rtty phono plug on the back of the 850.
> >
> > I just typed some text while the tone was o

9316. Re: [TS-850_450_690] TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 01:14:44 UTC
From: Marty
Topic: 9308 Message: 9316

I'll check out Joe's site. To answer your questions, 1. The rig was in rtty mode and it is transmitting. 2. Yes, the transmit button was pushed in and the rig was in transmit when I shorted the cable.

I know sometimes the simple things are the cause and overlooked; I guess what I'm trying to say is dont feel like I'm upset when you point out the obvious things. I really appreciate the help I get.

73
Marty
W8AKS

----- Original Message -----
From: WW3S
To: ts-850_450_690@yahoogroups.com
Sent: Saturday, June 05, 2010 1:45
Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working

try the K0BX website....Joe has a lot of info on there about the 850 and
FSK...there are several menu settings that need set correctly...I know it
sounds simple, but you have the rig in RTTY mode, and the rig is going in
transmit, right?
when you tried shorting the cable, you had the transmit button pushed in?

On 6/4/2010 8:15:46 PM, Marty (w8aks55@...) wrote:
> I took the cover off and the txd led is blinking. The macro with my call
> is printing on the screen. The software is MMTTY,, naturally. If I can get
> this to work, the rest will fall into place. I tried shorting the cable
> coming from the rtty (phono) plug on the 850. The tones did not change.
> I'm thinking that something in the fsk end of the 850 may be bad. But
> wanted to talk to some other users before I jumped to conclusions.
>
> Thanks for your help, appreciate it.
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: WW3S
> To: ts-850_450_690@yahoogroups.com
> Sent: Saturday, June 05, 2010 0:49
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>
>
>
> with the cover off the Rigblaster PLus.....make sure the TXD led is

> flashing
> when you are sending text....if so, what type of software....if not, there
> is the first plae to look, the jumpers may not be set right....I used to
> use
> a RB PLus with my 850 so am familar with it....what software are you
> using...
>
> On 6/4/2010 5:50:25 PM, Marty (w8aks55@...) wrote:
> > Hi Dave,
> > I am using the rtty phono plug on the back of the 850.
> >
> > I just typed some text while the tone was o

[Non-text portions of this message have been removed]

9317. Re: TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 03:19:31 UTC
From: ah6rr1
Topic: 9308 Message: 9317

Marty,
Check the MMTTY program goto options then the TX tab is the Diddle checked LTR? And the correct Com Port? Then check the Misc tab is the TX Port COM-TxD (fsk) checked? that is how mine is setup using the TS-850 and a home brew interface.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Marty" <w8aks55@...> wrote:
>
> I'll check out Joe's site. To answer your questions, 1. The rig was in rtty mode and it is transmitting. 2. Yes, the transmit button was pushed in and the rig was in transmit when I shorted the cable.
>
> I know sometimes the simple things are the cause and overlooked; I guess what I'm trying to say is dont feel like I'm upset when you point out the obvious things. I really appreciate the help I get.
>
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: WW3S
> To: ts-850_450_690@yahoogroups.com
> Sent: Saturday, June 05, 2010 1:45
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>
>
>
>
> try the K0BX website....Joe has a lot of info on there about the 850 and
> FSK...there are several menu settings that need set correctly...I know it
> sounds simple, but you have the rig in RTTY mode, and the rig is going in
> transmit, right?
> when you tried shorting the cable, you had the transmit button pushed in?
>
> On 6/4/2010 8:15:46 PM, Marty (w8aks55@...) wrote:
> > I took the cover off and the txd led is blinking. The macro with my call
> > is printing on the screen. The software is MMTTY,, naturally. If I can get
> > this to work, the rest will fall into place. I tried shorting the cable
> > coming from the rtty (phono) plug on the 850. The tones did not change.
> > I'm thinking that something in the fsk end of the 850 may be bad. But
> > wanted to talk to some other users before I jumped to conclusions.
> >
> > Thanks for your help, appreciate it.
> > 73
> > Marty

> > W8AKS
> >
> > ----- Original Message -----
> > From: WW3S
> > To: ts-850_450_690@yahoogroups.com
> > Sent: Saturday, June 05, 2010 0:49
> > Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
> >
> >
> >
> > with the cover off the Rigblaster PLus.....make sure the TXD led is
> > flashing
> > when you are sending text....if so, what type of software....if not, there
> > is the first plae to look, the jumpers may not be set right....I used to
> > use
> > a RB PLus with my 850 so am familar with it....what software are you
> > using...
> >
> > On 6/4/2010 5:50:25 PM, Marty (w8aks55@...) wrote:
> > > Hi Dave,
> > > I am using the rtty phono plug on the back of the 850.
> > >
> > > I just typed some text while the tone was o
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9318. Re: [TS-850_450_690] Re: TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 11:40:42 UTC
From: WW3S
Topic: 9308 Message: 9318

if the TXD light on the rigblaster is flashing when in transmit, then the software is correct, it's something between the rigblaster or the rig....

On 6/4/2010 11:19:31 PM, ah6rr1 (toesonnose@...) wrote:
> Marty,
> Check the MMTTY program goto options then the TX tab is the Diddle checked
> LTR? And the correct Com Port? Then check the Misc tab is the TX Port COM-
> TxD (fsk) checked? that is how mine is setup using the TS-850 and a home
> brew interface.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "Marty" <w8aks55@...> wrote:
> >
> > I'll check out Joe's site. To answer your questions, 1. The rig was in
> rtty mode and it is transmitting. 2. Yes, the transmit button was pushed
> in and the rig was in transmit when I shorted the cable.
> >
> > I know sometimes the simple things are the cause and overlooked; I guess
> what I'm trying to say is dont feel like I'm upset when you point out the
> obvious things. I really appreciate the help I get.
> >
> > 73
> > Marty
> > W8AKS
> >
> > ----- Original Message -----
> > From: WW3S
> > To: ts-850_450_690@yahoogroups.com
> > Sent: Saturday, June 05, 2010 1:45
> > Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
> >
> >
> >
> >
> > try the K0BX website....Joe has a lot of info on there about the 850
> and
> > FSK...there are seve

9319. Re: [TS-850_450_690] Re: TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 11:42:17 UTC
From: WW3S
Topic: 9308 Message: 9319

if the TXD led is flashing on the rigblaster, then the software is set correctly; sounds like something between the rigblaster or the rig....did you check the cable for continuity?

On 6/4/2010 11:19:31 PM, ah6rr1 (toesonnose@...) wrote:
> Marty,
> Check the MMTTY program goto options then the TX tab is the Diddle checked
> LTR? And the correct Com Port? Then check the Misc tab is the TX Port COM-
> TxD (fsk) checked? that is how mine is setup using the TS-850 and a home
> brew interface.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "Marty" <w8aks55@...> wrote:
> >
> > I'll check out Joe's site. To answer your questions, 1. The rig was in
> rtty mode and it is transmitting. 2. Yes, the transmit button was pushed
> in and the rig was in transmit when I shorted the cable.
> >
> > I know sometimes the simple things are the cause and overlooked; I guess
> what I'm trying to say is dont feel like I'm upset when you point out the
> obvious things. I really appreciate the help I get.
> >
> > 73
> > Marty
> > W8AKS
> >
> > ----- Original Message -----
> > From: WW3S
> > To: ts-850_450_690@yahoogroups.com
> > Sent: Saturday, June 05, 2010 1:45
> > Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
> >
> >
> >
> > try the K0BX website....Joe has a lot of info on there about the 850
> and
> > FSK...there are seve

9320. Re: [TS-850_450_690] Re: TS850SAT FSK Not Working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-05 13:06:08 UTC
From: Marty
Topic: 9308 Message: 9320

Good Morning Roland,
Checked all the below boxes and everything is ok on the software end. I checked the led's in the rigblaster and it is keying fine. I shorted the cable coming from fsk plug on the 850 and the tones do not change, so I surmising something is wrong in the 859 itself. I haven't changed out the cable , that is next on the list. Other than that, I'm at my wit's end. I dont have the foggiest idea of what to do inside the 850sat , if the problem is in there.

Thanks for your help

73 and Alhoa
Marty
W8AKS (EX KH6HPF)

----- Original Message -----
From: ah6rr1
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 05, 2010 4:19
Subject: [TS-850_450_690] Re: TS850SAT FSK Not Working

Marty,
Check the MMTTY program goto options then the TX tab is the Diddle checked LTR? And the correct Com Port? Then check the Misc tab is the TX Port COM-TxD (fsk) checked? that is how mine is setup using the TS-850 and a home brew interface.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Marty" <w8aks55@...> wrote:
>
> I'll check out Joe's site. To answer your questions, 1. The rig was in rtty mode and it is transmitting. 2. Yes, the transmit button was pushed in and the rig was in transmit when I shorted the cable.
>
> I know sometimes the simple things are the cause and overlooked; I guess what I'm trying to say is dont feel like I'm upset when you point out the obvious things. I really appreciate the help I get.
>
> 73
> Marty
> W8AKS
>
> ----- Original Message -----
> From: WW3S
> To: ts-850_450_690@yahoogroups.com
> Sent: Saturday, June 05, 2010 1:45
> Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
>

>
>
> try the K0BX website....Joe has a lot of info on there about the 850 and
> FSK...there are several menu settings that need set correctly...I know it
> sounds simple, but you have the rig in RTTY mode, and the rig is going in
> transmit, right?
> when you tried shorting the cable, you had the transmit button pushed in?
>
> On 6/4/2010 8:15:46 PM, Marty (w8aks55@...) wrote:
> > I took the cover off and the txd led is blinking. The macro with my call
> > is printing on the screen. The software is MMTTY,, naturally. If I can get
> > this to work, the rest will fall into place. I tried shorting the cable
> > coming from the rtty (phono) plug on the 850. The tones did not change.
> > I'm thinking that something in the fsk end of the 850 may be bad. But
> > wanted to talk to some other users before I jumped to conclusions.
> >
> > Thanks for your help, appreciate it.
> > 73
> > Marty
> > W8AKS
> >
> > ----- Original Message -----
> > From: WW3S
> > To: ts-850_450_690@yahoogroups.com
> > Sent: Saturday, June 05, 2010 0:49
> > Subject: Re: [TS-850_450_690] TS850SAT FSK Not Working
> >
> >
> >
> > with the cover off the Rigblaster PLus.....make sure the TXD led is
> > flashing
> > when you are sending text....if so, what type of software....if not, there
> > is the first plae to look, the jumpers may not be set right....I used to
> > use
> > a RB PLus with my 850 so am familar with it....what software are you
> > using...
> >
> > On 6/4/2010 5:50:25 PM, Marty (w8aks55@...) wrote:
> > > Hi Dave,
> > > I am using the rtty phono plug on the back of the 850.
> > >
> > > I just typed some text while the tone was o
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9321. TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-06 04:12:48 UTC
From: nz6p_mike
Topic: 9321 Message: 9321

I am confused about the setup for SignaLink USB sound card device connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very little power output when in USB(SSB). If I switch to FSK mode on the 850 I get full power (RF Gain up full and CAR about 10 o'clock position)regardless of what I place the TX control on the SignaLink at.

So, what is going on here? Please help if you can.

Thanks, ..mike NZ6P

9323. Re: [TS-850_450_690] TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-06 13:16:49 UTC
From: Dave ve3wej
Topic: 9321 Message: 9323

check your sound card output to see if it is at full volume settings, and also the signallink , my sl1+ has volume settings internally to set, maybe the usb version does as well

Dave

----- Original Message -----
From: "nz6p_mike" <nz6p_mike@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, June 06, 2010 12:12 AM
Subject: [TS-850_450_690] TS 850 using SignaLinkUSB - very little SSB signal out?

>I am confused about the setup for SignaLink USB sound card device connected
>with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very
>little power output when in USB(SSB). If I switch to FSK mode on the 850 I
>get full power (RF Gain up full and CAR about 10 o'clock
>position)regardless of what I place the TX control on the SignaLink at.
>
> So, what is going on here? Please help if you can.
>
> Thanks, ..mike NZ6P
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9324. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-06 16:40:27 UTC
From: nz6p_mike
Topic: 9321 Message: 9324

The SignaLink has an internal jumper that boosts the TX audio to a max of 2Vp-p which seemed to help a lot. I still don't get the ALC on the 850's meter to register anything, but I can get a full power out reading now. So I must be closer. Band condx have been so poor I haven't even been able to detect a digital signal yet.

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> check your sound card output to see if it is at full volume settings, and
> also the signallink , my sl1+ has volume settings internally to set, maybe
> the usb version does as well
>
>
> Dave
>
> ----- Original Message -----
> From: "nz6p_mike" <nz6p_mike@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, June 06, 2010 12:12 AM
> Subject: [TS-850_450_690] TS 850 using SignaLinkUSB - very little SSB signal
> out?
>
>
> >I am confused about the setup for SignaLink USB sound card device connected
> >with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very
> >little power output when in USB(SSB). If I switch to FSK mode on the 850 I
> >get full power (RF Gain up full and CAR about 10 o'clock
> >position)regardless of what I place the TX control on the SignaLink at.
> >
> > So, what is going on here? Please help if you can.
> >
> > Thanks, ..mike NZ6P
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9325. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-06 17:21:58 UTC
From: ah6rr1
Topic: 9321 Message: 9325

Yes first check your sound card level it should be max(that's why the interface has a volume control for TX). Also Make sure you you do not over drive the audio check the ALC. To set up your SL USB see pages 4-5 in the manual. Also check your Jumpers on JP1 make sure that Pin 1 goes to MIC. If you TX audio is still low first try the Mic gain on the radio if still to low connect JP3 Also if your RX audio is low as mine was Jumper JP2 needs to be connected as the Audio out from the radio is at a fixed level. I have been using the Signalink USB for a couple of years now and find it a great interface.

GL
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> check your sound card output to see if it is at full volume settings, and
> also the signallink , my sl1+ has volume settings internally to set, maybe
> the usb version does as well
>
>
> Dave
>
> ----- Original Message -----
> From: "nz6p_mike" <nz6p_mike@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, June 06, 2010 12:12 AM
> Subject: [TS-850_450_690] TS 850 using SignaLinkUSB - very little SSB signal
> out?
>
>
> >I am confused about the setup for SignaLink USB sound card device connected
> >with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very
> >little power output when in USB(SSB). If I switch to FSK mode on the 850 I
> >get full power (RF Gain up full and CAR about 10 o'clock
> >position)regardless of what I place the TX control on the SignaLink at.
> >
> > So, what is going on here? Please help if you can.
> >
> > Thanks, ..mike NZ6P
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >

> >
>

9326. Re: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-06 21:26:38 UTC
From: Dave ve3wej
Topic: 9321 Message: 9326

not sure if this helps, but I read, on psk31, you are to NOT have alc, keeps the imd down etc.....

----- Original Message -----
From: "nz6p_mike" <nz6p_mike@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, June 06, 2010 12:40 PM
Subject: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?

> The SignaLink has an internal jumper that boosts the TX audio to a max of
> 2Vp-p which seemed to help a lot. I still don't get the ALC on the 850's
> meter to register anything, but I can get a full power out reading now. So
> I must be closer. Band condx have been so poor I haven't even been able to
> detect a digital signal yet.
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> check your sound card output to see if it is at full volume settings, and
>> also the signallink , my sl1+ has volume settings internally to set,
>> maybe
>> the usb version does as well
>>
>>
>> Dave
>>
>> ----- Original Message -----
>> From: "nz6p_mike" <nz6p_mike@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Sunday, June 06, 2010 12:12 AM
>> Subject: [TS-850_450_690] TS 850 using SignaLinkUSB - very little SSB
>> signal
>> out?
>>
>>
>> >I am confused about the setup for SignaLink USB sound card device
>> >connected
>> >with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get
>> >very
>> >little power output when in USB(SSB). If I switch to FSK mode on the 850
>> >I
>> >get full power (RF Gain up full and CAR about 10 o'clock
>> >position)regardless of what I place the TX control on the SignaLink at.
>> >

>> > So, what is going on here? Please help if you can.
>> >
>> > Thanks, ..mike NZ6P
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9327. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-07 21:02:55 UTC
From: avvidclif
Topic: 9321 Message: 9327

The data input on ACC2 requires nominally 20mv to develop power out. You need to double check the connections and make sure it's wired correctly. The mic gain does not affect the input on the rear panel, the drive level is set by the sound card output level.

Clif

--- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@...> wrote:
>
> I am confused about the setup for SignaLink USB sound card device connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very little power output when in USB(SSB). If I switch to FSK mode on the 850 I get full power (RF Gain up full and CAR about 10 o'clock position)regardless of what I place the TX control on the SignaLink at.
>
> So, what is going on here? Please help if you can.
>
> Thanks, ..mike NZ6P
>

9328. TS 850S RF GAIN ? RECEIVE PROBLEM ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-08 16:56:14 UTC
From: Can Okur
Topic: 9321 Message: 9328

Hello,
first message to group,
I'm new TS 850S owner, (6 months)
2 days ago i was working dx for 1 hour,
gone to eat something.. didn't turn of the radio
come back to station and i saw full scale receive (9 + 60) and no rx...
i turned off the radio, turned on back (without antenna) in the s metre, i saw,
7-8 signal and to 9+60 quickly.. and no receive.
it was like i turn on or turn off the rf gain pot...

i turned off the radio for 10 minutes, than turned on again,
no problem. finished..

started to work dx, when making QSO problem repeated 1 more time for 5 seconds. and
finished..
2-3 hours it didn't repeated any more ..

where i have to check ?
what do you think about ?

Any help is appreciated.

73 DE TA3GO
Can OKUR

[Non-text portions of this message have been removed]

9329. Re: [TS-850_450_690] TS 850S RF GAIN ? RECEIVE PROBLEM ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-08 19:32:25 UTC
From: Dave ve3wej
Topic: 9321 Message: 9329

has it still been happening. could be noise in neighbourhood, causing high signal levels.

could it be a neighbour playing tricks on you with carrier????

try checking connections on rf gain control, see if its dirty, try cleaning the control

is you NB on, maybe noise is popping in and out as it finds how

----- Original Message -----
From: "Can Okur" <ta3go@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, June 08, 2010 12:56 PM
Subject: [TS-850_450_690] TS 850S RF GAIN ? RECEIVE PROBLEM ?

Hello,
first message to group,
I'm new TS 850S owner, (6 months)
2 days ago i was working dx for 1 hour,
gone to eat something.. didn't turn of the radio
come back to station and i saw full scale receive (9 + 60) and no rx...
i turned off the radio, turned on back (without antenna) in the s metre, i saw,
7-8 signal and to 9+60 quickly.. and no receive.
it was like i turn on or turn off the rf gain pot...

i turned off the radio for 10 minutes, than turned on again,
no problem. finished..

started to work dx, when making QSO problem repeated 1 more time for 5 seconds. and finished..
2-3 hours it didn't repeated any more ..

where i have to check ?
what do you think about ?

Any help is appreciated.

73 DE TA3GO
Can OKUR

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9330. AT-300

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-08 21:24:56 UTC
From: Crownhaven
Topic: 9330 Message: 9330

Curious if anyone out there is using the Kenwood AT-300 tuner. I just got one.

Steve, N4JQQ

9331. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 00:41:00 UTC
From: nz6p_mike
Topic: 9321 Message: 9331

Thanks, Cliff. That is what I thought as well. I will check the cable again, but something weird is happending, I know. First, with the additional boost in the sound card output (SignaLink says it is as much as 2v) I can drive the 850 okay. But the weird thing is that the mic gain DOES change the output level, just as much as changing the RF power knob. I wonder if a PO changed some wiring somewhere. I will verify that the sound card ouput goes to pin 11 on ACC2.

This is a puzzler.

..mike

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The data input on ACC2 requires nominally 20mv to develop power out. You need to double check the connections and make sure it's wired correctly. The mic gain does not affect the input on the rear panel, the drive level is set by the sound card output level.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
> >
> > I am confused about the setup for SignaLink USB sound card device connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very little power output when in USB(SSB). If I switch to FSK mode on the 850 I get full power (RF Gain up full and CAR about 10 o'clock position)regardless of what I place the TX control on the SignaLink at.
> >
> > So, what is going on here? Please help if you can.
> >
> > Thanks, ..mike NZ6P
> >
>

9332. Re: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 01:34:28 UTC
From: Dave ve3wej
Topic: 9321 Message: 9332

clif said

"The mic gain does not affect the input on the rear panel, the drive level
is set by the sound card output level."

Hey Clif, my mike gain does effect the input to the radio via the 13 pin
connector, it is a FIXED output there,not input. rf power acts as a max
output, with the mic gain setting it for reduced output (30 watts or so on
rtty, and psk) if I desire

Dave

>>
>> Clif
>>
>> --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
>> >
>> > I am confused about the setup for SignaLink USB sound card device
>> > connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the
>> > 850. I get very little power output when in USB(SSB). If I switch to
>> > FSK mode on the 850 I get full power (RF Gain up full and CAR about 10
>> > o'clock position)regardless of what I place the TX control on the
>> > SignaLink at.
>> >
>> > So, what is going on here? Please help if you can.
>> >
>> > Thanks, ..mike NZ6P
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9333. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 02:16:14 UTC
From: ah6rr1
Topic: 9321 Message: 9333

Same with mine Dave. Has been that way since I hooked it up 2 years ago.

Roland AH6RR
--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> clif said
>
> "The mic gain does not affect the input on the rear panel, the drive level
> is set by the sound card output level."
>
>
>
> Hey Clif, my mike gain does effect the input to the radio via the 13 pin
> connector, it is a FIXED output there,not input. rf power acts as a max
> output, with the mic gain setting it for reduced output (30 watts or so on
> rtty, and psk) if I desire
>
>
> Dave
>
>
>
> >>
> >> Clif
> >>
> >> --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
> >> >
> >> > I am confused about the setup for SignaLink USB sound card device
> >> > connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the
> >> > 850. I get very little power output when in USB(SSB). If I switch to
> >> > FSK mode on the 850 I get full power (RF Gain up full and CAR about 10
> >> > o'clock position)regardless of what I place the TX control on the
> >> > SignaLink at.
> >> >
> >> > So, what is going on here? Please help if you can.
> >> >
> >> > Thanks, ..mike NZ6P
> >> >
> >>
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >

> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9334. Re: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 06:08:14 UTC
From: Steve Gehring, NL7W
Topic: 9321 Message: 9334

Dave and All,

Same here... the mic gain position DOES affect audio drive levels. I just leave the 850's mic gain just above the 9:00 o'clock position (the same position as my SSB usage level), and adjust the SignaLink USB's TX pot for an audio level that's just below the AGC bar graph indicating anything whatsoever.

That way, when I switch to SSB, it's one less thing I have to change or worry about when switching modes. In fact, I only re-engage the RF processor "PROC" switch when going back to SSB, as I normally run about 3 to 6 dB of compression on SSB (the processor is OFF for digital modes).

One more thing... I run my SignaLink soundcard volume level at about three-quarters, which keeps my SignaLink's TX audio level pot at about 10:30 o'clock. If I run the soundcard level at full-bore (100%) my SignaLink USB's TX audio level pot sits around 8:00, or near the minimum of range (most attenuation).

All is copacetic here!

73 de Steve, NL7W
Palmer, AK, USA

On 6/9/2010 5:34 PM, Dave ve3wej wrote:
>
> clif said
>
> "The mic gain does not affect the input on the rear panel, the drive
> level
> is set by the sound card output level."
>
> Hey Clif, my mike gain does effect the input to the radio via the 13 pin
> connector, it is a FIXED output there,not input. rf power acts as a max
> output, with the mic gain setting it for reduced output (30 watts or
> so on
> rtty, and psk) if I desire
>
> Dave
>
> >>
> >> Clif
> >>
> >> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "nz6p_mike" <nz6p_mike@> wrote:

> >> >
> >> > I am confused about the setup for SignaLink USB sound card device
> >> > connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the
> >> > 850. I get very little power output when in USB(SSB). If I switch to
> >> > FSK mode on the 850 I get full power (RF Gain up full and CAR
> about 10
> >> > o'clock position)regardless of what I place the TX control on the
> >> > SignaLink at.
> >> >
> >> > So, what is going on here? Please help if you can.
> >> >
> >> > Thanks, ..mike NZ6P
> >> >
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

9335. KENWOOD TS 850S WITH BUILT IN ATU FOR SALE LATE46000 SERIAL NUMBER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 15:22:48 UTC
From: nickjones239
Topic: 9335 Message: 9335

UP FOR GRABS IS MY 85OS AT PLEASE CONTACT FOR MORE INFO 100% WORKING ORDER ORIGINAL MIC ETC ,LEADS AND PC INTERFACE LEADS NO ORIGINAL BOX

9336. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 05:34:29 UTC
From: nz6p_mike
Topic: 9321 Message: 9336

Thanks, Cliff. That is what I thought as well. I will check the cable again, but something weird is happending, I know. First, with the additional boost in the sound card output (SignaLink says it is as much as 2v) I can drive the 850 okay. But the weird thing is that the mic gain DOES change the output level, just as much as changing the RF power knob. I wonder if a PO changed some wiring somewhere. I will verify that the sound card ouput goes to pin 11 on ACC2.

This is a puzzler.

..mike

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The data input on ACC2 requires nominally 20mv to develop power out. You need to double check the connections and make sure it's wired correctly. The mic gain does not affect the input on the rear panel, the drive level is set by the sound card output level.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
> >
> > I am confused about the setup for SignaLink USB sound card device connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very little power output when in USB(SSB). If I switch to FSK mode on the 850 I get full power (RF Gain up full and CAR about 10 o'clock position)regardless of what I place the TX control on the SignaLink at.
> >
> > So, what is going on here? Please help if you can.
> >
> > Thanks, ..mike NZ6P
> >
>

9337. some crackling noise on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-11 09:20:19 UTC
From: Allan
Topic: 9321 Message: 9337

Hi all,

Since some weeks , I have some crackling noise on receive on my ts-850.
First that happened when I switch on the transceiver and after about 10
minutes, it will stop but now it's all the time.

Filters off, antenna disconnect, volume off , crackling noise still here (
about signal 3 on s-meter)

Any suggestions for resolve this problem ?

Many thanks

Regards

Allan

9338. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-11 10:06:09 UTC
From: bud
Topic: 9321 Message: 9338

Mike - The mic gain on the front panel should control the TXA level when using the 13-pin accessory plug in the back. There is also a pot inside the radio for establishing a base line level of some sort but few folks have to get in there and mess with that. So you have four controls that affect the PO on SSB/AFSK modes.

Possibilities are

The internal pot mentioned above
Mic gain on front panel
Sound card setting in the computer Sound Card and Audio Devices
TXA level on external sound card, (i.e.) Signalink TX

Shoot for not more than 50w with zero ALC action.

bud N0IA

--- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@...> wrote:
>
> Thanks, Cliff. That is what I thought as well. I will check the cable again, but something weird is happending, I know. First, with the additional boost in the sound card output (SignaLink says it is as much as 2v) I can drive the 850 okay. But the weird thing is that the mic gain DOES change the output level, just as much as changing the RF power knob. I wonder if a PO changed some wiring somewhere. I will verify that the sound card ouput goes to pin 11 on ACC2.
>
> This is a puzzler.
>
> ..mike
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > The data input on ACC2 requires nominally 20mv to develop power out. You need to double check the connections and make sure it's wired correctly. The mic gain does not affect the input on the rear panel, the drive level is set by the sound card output level.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
> > >
> > > I am confused about the setup for SignaLink USB sound card device connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very little power output when in USB(SSB). If I switch to FSK mode on the 850 I get full power (RF Gain up full and CAR about 10 o'clock position)regardless of what I place the TX control on the SignaLink at.
> > >
> > > So, what is going on here? Please help if you can.

> > >
> > > Thanks, ..mike NZ6P
> > >
> >
>

9339. Re: KENWOOD TS 850S WITH BUILT IN ATU FOR SALE LATE46000 SERIAL NUMBER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-11 09:52:25 UTC
From: nickjones239
Topic: 9335 Message: 9339

--- In TS-850_450_690@yahoogroups.com, "nickjones239" <nickjones239@...> wrote:
>
> UP FOR GRABS IS MY 85OS AT PLEASE CONTACT FOR MORE INFO 100% WORKING ORDER ORIGINAL MIC ETC ,LEADS AND PC INTERFACE LEADS NO ORIGINAL BOX
>PLEASE NOTE I AM IN UK MANY THANKS ..

9340. Re: [TS-850_450_690] KENWOOD TS 850S WITH BUILT IN ATU FOR SALE LATE46000 SERIAL NUMBER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-10 17:27:04 UTC
From: Dennis Wade
Topic: 9335 Message: 9340

Price???

On Thu, Jun 10, 2010 at 8:22 AM, nickjones239 <nickjones239@yahoo.com>wrote:

>
>
> UP FOR GRABS IS MY 85OS AT PLEASE CONTACT FOR MORE INFO 100% WORKING ORDER
> ORIGINAL MIC ETC ,LEADS AND PC INTERFACE LEADS NO ORIGINAL BOX
>
>
>

--
I've been wondering lately..."Where am I going and why AM I in this hand
basket??"

Dennis L. Wade
KG6ZI
Carmichael, CA

[Non-text portions of this message have been removed]

9341. AT-300 II

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-11 19:35:24 UTC
From: Crownhaven
Topic: 9341 Message: 9341

Still looking for anyone who has any experiences with the Kenwood AT-300 outboard tuner??????? It is starting to appear that there weren't many out there.

Steve, N4JQQ

9342. Re: [TS-850_450_690] some crackling noise on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-11 21:16:32 UTC
From: Dave ve3wej
Topic: 9321 Message: 9342

does the noise blanker eliminate or reduce it... it may just be something
in your area (new)

I have had static for about 1 1/2 months, but NB tkes it out, and the aip

----- Original Message -----
From: " Allan" <f14at259@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, June 11, 2010 5:20 AM
Subject: [TS-850_450_690] some crackling noise on receive

> Hi all,
>
> Since some weeks , I have some crackling noise on receive on my ts-850.
> First that happened when I switch on the transceiver and after about 10
> minutes, it will stop but now it's all the time.
>
> Filters off, antenna disconnect, volume off , crackling noise still here (
> about signal 3 on s-meter)
>
> Any suggestions for resolve this problem ?
>
> Many thanks
>
> Regards
>
> Allan
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9343. Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-11 22:39:16 UTC
From: nz6p_mike
Topic: 9321 Message: 9343

Okay, Bud, what you have written so succinctly makes good sense with what I have observed. I am sure I can work the setup correctly now. I am usually on CW, but thought I would give BPSK and RTTY a try. I believe I am good to go now. Thanks to all who provided input.

..mike

--- In TS-850_450_690@yahoogroups.com, "bud" <budt@...> wrote:
>
> Mike - The mic gain on the front panel should control the TXA level when using the 13-pin accessory plug in the back. There is also a pot inside the radio for establishing a base line level of some sort but few folks have to get in there and mess with that. So you have four controls that affect the PO on SSB/AFSK modes.
>
> Possibilities are
>
> The internal pot mentioned above
> Mic gain on front panel
> Sound card setting in the computer Sound Card and Audio Devices
> TXA level on external sound card, (i.e.) Signalink TX
>
> Shoot for not more than 50w with zero ALC action.
>
> bud N0IA
>
>
> --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
> >
> > Thanks, Cliff. That is what I thought as well. I will check the cable again, but something weird is happending, I know. First, with the additional boost in the sound card output (SignaLink says it is as much as 2v) I can drive the 850 okay. But the weird thing is that the mic gain DOES change the output level, just as much as changing the RF power knob. I wonder if a PO changed some wiring somewhere. I will verify that the sound card ouput goes to pin 11 on ACC2.
> >
> > This is a puzzler.
> >
> > ..mike
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > The data input on ACC2 requires nominally 20mv to develop power out. You need to double check the connections and make sure it's wired correctly. The mic gain does not affect the input on the rear panel, the drive level is set by the sound card output level.
> > >
> > > Clif

> > >
> > > --- In TS-850_450_690@yahoogroups.com, "nz6p_mike" <nz6p_mike@> wrote:
> > > >
> > > > I am confused about the setup for SignaLink USB sound card device connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the 850. I get very little power output when in USB(SSB). If I switch to FSK mode on the 850 I get full power (RF Gain up full and CAR about 10 o'clock position)regardless of what I place the TX control on the SignaLink at.
> > > >
> > > > So, what is going on here? Please help if you can.
> > > >
> > > > Thanks, ..mike NZ6P
> > > >
> > >
> >
>

9344. Re: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-12 05:37:17 UTC
From: Steve Gehring, NL7W
Topic: 9321 Message: 9344

-------- Original Message --------
Subject: Re: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?
Date: Wed, 09 Jun 2010 22:08:14 -0800
From: Steve Gehring, NL7W <steveNL7W@...>
To: TS-850_450_690@yahoogroups.com

Dave and All,

Same here... the mic gain position DOES affect audio drive levels. I just leave my 850's mic gain just above the 9:00 o'clock position (the same position as my SSB usage level), and adjust the SignaLink USB's TX pot for an audio level that's just below the AGC bar graph indicating anything whatsoever.

That way, when I switch to SSB, it's one less thing I have to change or worry about when switching modes. In fact, I only re-engage the RF processor "PROC" switch when going back to SSB, as I normally run about 3 to 6 dB of compression on SSB (the processor is OFF for digital modes).

One more thing... I run my SignaLink soundcard volume level at about three-quarters, which keeps my SignaLink's TX audio level pot at about 10:30 o'clock. If I run the soundcard level at full-bore (100%) my SignaLink USB's TX audio level pot sits around 8:00, or near the minimum of range (most attenuation).

All is copacetic here!

73 de Steve, NL7W
Palmer, AK, USA

On 6/9/2010 5:34 PM, Dave ve3wej wrote:
>
> clif said
>
> "The mic gain does not affect the input on the rear panel, the drive
> level
> is set by the sound card output level."
>
> Hey Clif, my mike gain does effect the input to the radio via the 13 pin
> connector, it is a FIXED output there,not input. rf power acts as a max
> output, with the mic gain setting it for reduced output (30 watts or
> so on
> rtty, and psk) if I desire
>

> Dave
>
> >>
> >> Clif
> >>
> >> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "nz6p_mike" <nz6p_mike@> wrote:
> >> >
> >> > I am confused about the setup for SignaLink USB sound card device
> >> > connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the
> >> > 850. I get very little power output when in USB(SSB). If I switch to
> >> > FSK mode on the 850 I get full power (RF Gain up full and CAR
> about 10
> >> > o'clock position)regardless of what I place the TX control on the
> >> > SignaLink at.
> >> >
> >> > So, what is going on here? Please help if you can.
> >> >
> >> > Thanks, ..mike NZ6P
> >> >
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> >
> >
> >
>
>

9345. Re: [TS-850_450_690] Re: TS 850 using SignaLinkUSB - very little SSB signal out?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-13 21:21:15 UTC
From: Steve Gehring, NL7W
Topic: 9321 Message: 9345

Dave and All,

Same here... the mic gain position DOES affect audio drive levels. I just leave my 850's mic gain just above the 9:00 o'clock position (the same position as my SSB usage level), and adjust the SignaLink USB's TX pot for an audio level that's just below the AGC bar graph indicating anything whatsoever.

That way, when I switch to SSB, it's one less thing I have to change or worry about when switching modes. In fact, I only re-engage the RF processor "PROC" switch when going back to SSB, as I normally run about 3 to 6 dB of compression on SSB (the processor is OFF for digital modes).

One more thing... I run my SignaLink soundcard volume level at about three-quarters, which keeps my SignaLink's TX audio level pot at about 10:30 o'clock. If I run the soundcard level at full-bore (100%) my SignaLink USB's TX audio level pot sits around 8:00, or near the minimum of range (most attenuation).

All is copacetic here!

73 de Steve, NL7W
Palmer, AK, USA

On 6/9/2010 5:34 PM, Dave ve3wej wrote:
>
> clif said
>
> "The mic gain does not affect the input on the rear panel, the drive
> level
> is set by the sound card output level."
>
> Hey Clif, my mike gain does effect the input to the radio via the 13 pin
> connector, it is a FIXED output there,not input. rf power acts as a max
> output, with the mic gain setting it for reduced output (30 watts or
> so on
> rtty, and psk) if I desire
>
> Dave
>
> >>
> >> Clif
> >>
> >> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "nz6p_mike"<nz6p_mike@> wrote:

> >> >
> >> > I am confused about the setup for SignaLink USB sound card device
> >> > connected with #SLCAB13K cable to the 13 pin ACC 2 connector on the
> >> > 850. I get very little power output when in USB(SSB). If I switch to
> >> > FSK mode on the 850 I get full power (RF Gain up full and CAR
> about 10
> >> > o'clock position)regardless of what I place the TX control on the
> >> > SignaLink at.
> >> >
> >> > So, what is going on here? Please help if you can.
> >> >
> >> > Thanks, ..mike NZ6P
> >> >
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> >
> >
> >
>
>

9346. RE: [TS-850_450_690] some crackling noise on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 12:07:47 UTC
From: Allan
Topic: 9321 Message: 9346

Hi Dave,

Many thanks for your reply. I don't see any difference with or without filters.

Maybe that comes from my power supply (Ps-52), I was in contest this week-end and after some hours of transmissions, a guy told me that my modulation was not good like a problem of power supply. So I replace it, and I don't listen for the moment the crackling in receive on my 850.

I will see in future days ...

Regards

Allan

-----Message d'origine-----
De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de Dave ve3wej
Envoyé : vendredi 11 juin 2010 23:17
À : TS-850_450_690@yahoogroups.com
Objet : Re: [TS-850_450_690] some crackling noise on receive

does the noise blanker eliminate or reduce it... it may just be something

in your area (new)

I have had static for about 1 1/2 months, but NB tkes it out, and the aip

----- Original Message -----
From: " Allan" <f14at259@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, June 11, 2010 5:20 AM
Subject: [TS-850_450_690] some crackling noise on receive

> Hi all,
>
> Since some weeks , I have some crackling noise on receive on my ts-850.
> First that happened when I switch on the transceiver and after about 10
> minutes, it will stop but now it's all the time.
>
> Filters off, antenna disconnect, volume off , crackling noise still here (
> about signal 3 on s-meter)
>
> Any suggestions for resolve this problem ?
>
> Many thanks
>

> Regards
>
> Allan
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...Yahoo! Groups Links
>
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

9347. Electrolytics - again

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 11:36:46 UTC
From: villy.madsen
Topic: 9347 Message: 9347

I did a couple of mods to the TS850sat this weekend,

added an RFC in parallel with the surge protector, mod for the CW monitor tone & for the cw keying lines.

Noticed that there was one electrolytic on the board that was a brownish red in color instead of blue.

Is this an indication of a bad electrolytic or were different colors of electrolytic capacitors used ??

Thanks

Villy ve6sq

9348. Re: TS-450 low output on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 14:15:19 UTC
From: Scott
Topic: 9295 Message: 9348

Just wanted to let you know what the problem was. I sent it out to N1EQ. He found an electrolytic had leaked out over 2 of the ceramic filters causing it to transmit double sideband. I should have it back on wednesday. Scott

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> I havent checked ALC. I am whistling as loud as I can. One thing I did notice is that on 10m output is near 50w. As I go up through the bands it gets lower to where its only 20w on 160m. I am doing this all into my kw dummy load. SWR's are just barely over 1. Radio worked fine at first, the longer I used it the worse it got. I have tried adjusting all knobs (mic gain, power) to no avail. I dont have another 8 pin mic to try. All my other kenwood rigs (TS-830s, TS-530s, TS-700s, and TS-600) are all 4 pin.
>
> --- In TS-850_450_690@yahoogroups.com, David Struebel <wb2ftx@> wrote:
> >
> > Showing any ALC indication in SSB mode? Assume you have tried increasing the
> > microphone gain setting, make any difference? Checked out the microphone?
> >
> > 73 Dave WB2FTX
> > ----- Original Message -----
> > From: "Scott" <johndeeredman@>
> > To: <TS-850_450_690@...m>
> > Sent: Friday, May 28, 2010 10:04 AM
> > Subject: [TS-850_450_690] Re: TS-450 low output on ssb
> >
> >
> > >I am using the meter on the radio and the meter on my antenna tuner. I am
> > >going into a 50 ohm dummy load. It worked fine when first powered up. But
> > >as the radio got warm the power level dropped. I can turn the power
> > >adjustment all the way up and maybe get 20 watts max out.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, <cparrish104@> wrote:
> > >>
> > >> Hi Scott,
> > >>
> > >> What kind of meter are you reading the power with? If you're not using a
> > >> peak-reading wattmeter and a 50 ohm nonreactive load, you won't know what
> > >> your peak ssb power output is.
> > >>
> > >> 73, Curt, K4TL
> > >>
> > >> ---- Scott <johndeeredman@> wrote:
> > >> > Hello, my name is Scott, K9RAS. Thanks for letting me join the group.
> > >> > I just got a TS-450 off the bay. I only get about 20 watts out on ssb
> > >> > but CW and FM are full out. Any ideas where i should begin to look?

> > >> > Thanks.
> > >> >
> > >>
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >
> >
> >
> > --
> >
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 9.0.819 / Virus Database: 271.1.1/2901 - Release Date: 05/28/10
> > 02:25:00
> >
>

9349. TS850 no RX ot TX audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 16:48:12 UTC
From: Patrick Egloff
Topic: 9349 Message: 9349

Hi All,

A friend of mine has a TS850 that has no RX and TX audio.

He has something on the ACC2 connector in RX and TX does key.

Any guess on what can be wrong before we dig into the service manual ?

73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

[Non-text portions of this message have been removed]

9350. amp interface/Timewave accesssories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 18:32:36 UTC
From: k7cu
Topic: 9350 Message: 9350

1) is it safe to key a SB200 directly from the TS850 or do I need some type of interface? If directly is OK, does the relay switch need to be "on"?
2) has anyone used a Timewave DSP599zx or the ANC-4 noise canceller with the TS850?
73 de Curt K7CU

9351. amp interface/Timewave accesssories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 18:39:01 UTC
From: k7cu
Topic: 9350 Message: 9351

1) is it safe to key a SB200 directly from the TS850 or do I need some type of interface? If directly is OK, does the relay switch need to be "on"?
2) has anyone used a Timewave DSP599zx or the ANC-4 noise canceller with the TS850?
73 de Curt K7CU

9352. Re: [TS-850_450_690] TS850 no RX ot TX audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 19:48:18 UTC
From: Dave ve3wej
Topic: 9349 Message: 9352

does it have audio without something attached to acc2, then acc2 may be
incorrectly wired. does it have mike audio, headphone audio...

----- Original Message -----
From: "Patrick Egloff" <pegloff@...>
To: <TS-850_450_690@...>
Sent: Monday, June 14, 2010 12:48 PM
Subject: [TS-850_450_690] TS850 no RX ot TX audio

> Hi All,
>
> A friend of mine has a TS850 that has no RX and TX audio.
>
> He has something on the ACC2 connector in RX and TX does key.
>
> Any guess on what can be wrong before we dig into the service manual ?
>
> 73, Patrick
>
> --
> Patrick Egloff - TK5EP
> email : pegloff@...
> Web page : http://tk5ep.free.fr
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9353. TS-850S receiver muting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 21:19:00 UTC
From: kdrosenlund
Topic: 9353 Message: 9353

I'm looking for a way to mute the receiver in my 850 while using it with a vintage transmitter, a Johnson Ranger.

Does anyone know if the ACC 2 jack has that option? I have one of those plugs. What about the ACC3 jack? I have no info on that one.

Any help appreciated!

9354. Re: [TS-850_450_690] TS-850S receiver muting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-14 21:36:20 UTC
From: Dave ve3wej
Topic: 9353 Message: 9354

all jacks are mentioned (wiring and function) in the manuals, but i dont remember anything other than a relay contacts for an amp, or auxillary connections, sound card, dsp100, etc..

are you using a separate antenna as well???

----- Original Message -----
From: "kdrosenlund" <kdrosenlund@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, June 14, 2010 5:19 PM
Subject: [TS-850_450_690] TS-850S receiver muting

>
> I'm looking for a way to mute the receiver in my 850 while using it with a
> vintage transmitter, a Johnson Ranger.
>
> Does anyone know if the ACC 2 jack has that option? I have one of those
> plugs. What about the ACC3 jack? I have no info on that one.
>
> Any help appreciated!
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9355. Re: amp interface/Timewave accesssories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 01:32:25 UTC
From: ah6rr1
Topic: 9350 Message: 9355

If it has 12Vdc or less on the amp relay then it will be fine if not 12Vdc then use a interface or foot swtich.

Roland AH6RR
--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> 1) is it safe to key a SB200 directly from the TS850 or do I need some type of interface? If directly is OK, does the relay switch need to be "on"?
> 2) has anyone used a Timewave DSP599zx or the ANC-4 noise canceller with the TS850?
> 73 de Curt K7CU
>

9356. Re: TS-850S receiver muting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 00:56:40 UTC
From: kdrosenlund
Topic: 9353 Message: 9356

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> all jacks are mentioned (wiring and function) in the manuals, but i dont
> remember anything other than a relay contacts for an amp, or auxillary
> connections, sound card, dsp100, etc..
>
>
>
>
> are you using a separate antenna as well???
>

I will be using the same antenna. I'm building a little external T/R switch for the Johnson which will ground the receiver antenna on transmit, do you think that would be enough, or would the receiver front end still be at risk? Thanks.

9357. Re: [TS-850_450_690] Re: TS-850S receiver muting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 02:15:43 UTC
From: Jordan
Topic: 9353 Message: 9357

You'll have to go the old t/r route and switch the speaker in and out also...the old DowKey relays had additional switches for this....73...Jordan....

----- Original Message -----
From: kdrosenlund
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 14, 2010 6:56 PM
Subject: [TS-850_450_690] Re: TS-850S receiver muting

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> all jacks are mentioned (wiring and function) in the manuals, but i dont
> remember anything other than a relay contacts for an amp, or auxillary
> connections, sound card, dsp100, etc..
>
>
>
>
> are you using a separate antenna as well???
>

I will be using the same antenna. I'm building a little external T/R switch for the Johnson which will ground the receiver antenna on transmit, do you think that would be enough, or would the receiver front end still be at risk? Thanks.

[Non-text portions of this message have been removed]

9358. Re: TS850 no RX ot TX audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 08:07:06 UTC
From: tk5ep
Topic: 9349 Message: 9358

Hi Dave,

I should have been more precise...

With NO connectors attached :
- no RX audio on headphone or loudspeacker
- RX is OK on pin 3 of ACC2

- TX does key when PTT
- no audio in any mode with mike

73, Patrick

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> does it have audio without something attached to acc2, then acc2 may be
> incorrectly wired. does it have mike audio, headphone audio...
>
>
> ----- Original Message -----
> From: "Patrick Egloff" <pegloff@...>
> To: <TS-850_450_690@...>
> Sent: Monday, June 14, 2010 12:48 PM
> Subject: [TS-850_450_690] TS850 no RX ot TX audio
>
>
> > Hi All,
> >
> > A friend of mine has a TS850 that has no RX and TX audio.
> >
> > He has something on the ACC2 connector in RX and TX does key.
> >
> > Any guess on what can be wrong before we dig into the service manual ?
> >
> > 73, Patrick
> >
> > --
> > Patrick Egloff - TK5EP
> > email : pegloff@...
> > Web page : http://tk5ep.free.fr
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9359. Re: amp interface/Timewave accesssories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 12:20:42 UTC
From: Darl Deeds
Topic: 9350 Message: 9359

I used a SB-220 for years hooked to my TS-850 with no interface. None needed but I would advise to use one anyway if you can.

Darl NA8W

[Non-text portions of this message have been removed]

9360. Re: [TS-850_450_690] Re: TS850 no RX ot TX audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 19:43:14 UTC
From: Dave ve3wej
Topic: 9349 Message: 9360

pin 3 is fixed audio, so it is receiving, it appears., but i would suspect some obvious things to check

on RX, maybe af gain turned down, rf gain turned down too far (where is s meter). did you try an external speaker, are attenuators working

on TX moni turned on, mike gain up, processor OFF,

can you try digital modes, and do they work ok.

how is the mike, have you verified on another radio, or with an alternate mike???

----- Original Message -----
From: "tk5ep" <pegloff@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, June 15, 2010 4:07 AM
Subject: [TS-850_450_690] Re: TS850 no RX ot TX audio

>
> Hi Dave,
>
> I should have been more precise...
>
> With NO connectors attached :
> - no RX audio on headphone or loudspeacker
> - RX is OK on pin 3 of ACC2
>
> - TX does key when PTT
> - no audio in any mode with mike
>
> 73, Patrick
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> does it have audio without something attached to acc2, then acc2 may be
>> incorrectly wired. does it have mike audio, headphone audio...
>>
>>
>> ----- Original Message -----
>> From: "Patrick Egloff" <pegloff@...>
>> To: <TS-850_450_690@...>
>> Sent: Monday, June 14, 2010 12:48 PM
>> Subject: [TS-850_450_690] TS850 no RX ot TX audio
>>
>>

>> > Hi All,
>> >
>> > A friend of mine has a TS850 that has no RX and TX audio.
>> >
>> > He has something on the ACC2 connector in RX and TX does key.
>> >
>> > Any guess on what can be wrong before we dig into the service manual ?
>> >
>> > 73, Patrick
>> >
>> > --
>> > Patrick Egloff - TK5EP
>> > email : pegloff@...
>> > Web page : http://tk5ep.free.fr
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9361. Re: TS-850S receiver muting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-15 19:50:10 UTC
From: kdrosenlund
Topic: 9353 Message: 9361

-thanks, Jordan, I can do this.

73s,
Kit

9362. TS 450S back up battery/memory battery replacement or mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-16 18:09:20 UTC
From: alistair
Topic: 9362 Message: 9362

Hi new here names Alistair Kennington (2E0CQD) just got a ts450s & the battery needs changing i think as when i turn it off/on the frequency is back to say 14.000mgz not back to were i last was & stored memorys droped not stored...ive looked on the net & on here but there is links to sites that are now dead non working,just need a picture or two & possably a how to before delving inside this great radio also is there a mod to make the 450 a 690? ie adding 6mtr..... thanks .ps only got net accses every now n then at min so excuse late thanks to any reply..

9363. Re: [TS-850_450_690] TS 450S back up battery/memory battery replacement or mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-16 19:53:49 UTC
From: Dave ve3wej
Topic: 9362 Message: 9363

have you downloaded the users manual

http://www.wz5q.net/manuals/ts450s/ts450sInstructionManual.zip

----- Original Message -----
From: "alistair" <a.kennington1@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, June 16, 2010 2:09 PM
Subject: [TS-850_450_690] TS 450S back up battery/memory battery replacement or mod

> Hi new here names Alistair Kennington (2E0CQD) just got a ts450s & the
> battery needs changing i think as when i turn it off/on the frequency is
> back to say 14.000mgz not back to were i last was & stored memorys droped
> not stored...ive looked on the net & on here but there is links to sites
> that are now dead non working,just need a picture or two & possably a how
> to before delving inside this great radio also is there a mod to make the
> 450 a 690? ie adding 6mtr..... thanks .ps only got net accses every now n
> then at min so excuse late thanks to any reply..
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9364. AT-850 Tuner Install Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-20 02:57:20 UTC
From: Crownhaven
Topic: 9364 Message: 9364

Trying to get an AT-850 into a TS-850S. Instructions pretty vague. I am seeing an RF cable in the radio running from the external antenna connector (appears to be named CN5) to CN2. It looks like they want you to unplug this cable at CN2 on the radio and plug in the cable from the tuner. They then appear to want you to run the RF cable from CN5 to the connector also marked CN2 on the ANTENNA TUNER itself. Makes sense to me.

However, there is absolutely no way that the cable that is on the radio is going to reach from CN5 or the antenna connector to the CN2 plug on the tuner.

Anyone run into this? Do I understand this correctly. Do I need a longer cable? Where does one find one if that is the case?

Regards,

Steve, N4JQQ

9365. Free Service Manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-20 05:51:50 UTC
From: Paul
Topic: 9365 Message: 9365

Hi all,

Way back in 1997, I managed to download a free handbook, from Kenwood in Italy, called Kenwood RTX Manual. It has a goldmine of fault finding information about many of the first Kenwood syntetised radios like TS850, TS440 TS940 etc, with some pages missing, but still worthwile. I am unable to upload it here as it exceeds 5Mbs.
However, I have set up a temp email address, and whoever wants a copy, I can email him a copy. Send your request to the following email address: malti at inbox dot com

9366. TS-450S parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-20 14:15:57 UTC
From: kc5cqw
Topic: 9366 Message: 9366

Does anyone know where I can find a replacement Molex jack for ACC 3?
One of the clips broke off and it just flops around.
I would also like to find the male jack so I can build an auto tuner cable for later.
73, Damon

9367. Re: some crackling noise on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-20 14:20:15 UTC
From: kc5cqw
Topic: 9321 Message: 9367

You have some leaking electrolytic capacitors. I had the same problem and replaced the brown one on my AF amp.

73, Damon

--- In TS-850_450_690@yahoogroups.com, " Allan" <f14at259@...> wrote:
>
> Hi Dave,
>
> Many thanks for your reply. I don't see any difference with or without
> filters.
>
> Maybe that comes from my power supply (Ps-52), I was in contest this
> week-end and after some hours of transmissions, a guy told me that my
> modulation was not good like a problem of power supply. So I replace it, and
> I don't listen for the moment the crackling in receive on my 850.
>
> I will see in future days ...
>
> Regards
>
> Allan
>
> -----Message d'origine-----
> De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> De la part de Dave ve3wej
> Envoyé : vendredi 11 juin 2010 23:17
> À : TS-850_450_690@yahoogroups.com
> Objet : Re: [TS-850_450_690] some crackling noise on receive
>
> does the noise blanker eliminate or reduce it... it may just be something
>
> in your area (new)
>
>
> I have had static for about 1 1/2 months, but NB tkes it out, and the aip
>
> ----- Original Message -----
> From: " Allan" <f14at259@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, June 11, 2010 5:20 AM
> Subject: [TS-850_450_690] some crackling noise on receive
>
>
> > Hi all,

> >
> > Since some weeks , I have some crackling noise on receive on my ts-850.
> > First that happened when I switch on the transceiver and after about 10
> > minutes, it will stop but now it's all the time.
> >
> > Filters off, antenna disconnect, volume off , crackling noise still here (
> > about signal 3 on s-meter)
> >
> > Any suggestions for resolve this problem ?
> >
> > Many thanks
> >
> > Regards
> >
> > Allan
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

9368. Re: Electrolytics - again

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-20 14:28:05 UTC
From: kc5cqw
Topic: 9347 Message: 9368

That's probably the one on the AF amp that fails often. I had to replace mine two weeks ago. RX is much better now.

73, Damon

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> I did a couple of mods to the TS850sat this weekend,
>
> added an RFC in parallel with the surge protector, mod for the CW monitor tone & for the cw keying lines.
>
> Noticed that there was one electrolytic on the board that was a brownish red in color instead of blue.
>
> Is this an indication of a bad electrolytic or were different colors of electrolytic capacitors used ??
>
> Thanks
>
> Villy ve6sq
>

9369. hello

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-21 12:06:12 UTC
From: Predro Prado
Topic: 9369 Message: 9369

i am from Argentina LU9HA
my TS450 transmits and receives in the two sidebands at the same time
that may be
I also seem to be deaf in 20/15 and 10 meters because they did not hear anyone

regards

[Non-text portions of this message have been removed]

9370. Re: [TS-850_450_690] AT-850 Tuner Install Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-21 02:48:11 UTC
From: Tom Jones N8NMA
Topic: 9364 Message: 9370

I can't remember the place that you plug all the cables but yes you will need a longer cable. I was lucky and had a friend that had one from a TS440 that he took the tuner out of. You could make one if you had to with the ends from the existing one.
Hope that helps.

Tom

--- On Sat, 6/19/10, Crownhaven <crownhaven@...> wrote:

From: Crownhaven <crownhaven@...>
Subject: [TS-850_450_690] AT-850 Tuner Install Question
To: "TS-850" <TS-850_450_690@yahoogroups.com>
Date: Saturday, June 19, 2010, 10:57 PM

Trying to get an AT-850 into a TS-850S. Instructions pretty vague. I am seeing an RF cable in the radio running from the external antenna connector (appears to be named CN5) to CN2. It looks like they want you to unplug this cable at CN2 on the radio and plug in the cable from the tuner. They then appear to want you to run the RF cable from CN5 to the connector also marked CN2 on the ANTENNA TUNER itself. Makes sense to me.

However, there is absolutely no way that the cable that is on the radio is going to reach from CN5 or the antenna connector to the CN2 plug on the tuner.

Anyone run into this? Do I understand this correctly. Do I need a longer cable? Where does one find one if that is the case?

Regards,

Steve, N4JQQ

[Non-text portions of this message have been removed]

9371. Re: [TS-850_450_690] AT-850 Tuner Install Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-21 19:54:12 UTC
From: Melvin Nichols
Topic: 9364 Message: 9371

Steve

You will need the longer cable. I purchased one from WA4WIP (he sells parts for TS-430 & 440's) on QTH.Com. Contact him and describe the cable and give him the length needed. To me it was the easiest and cheapest way to go. You can also place an ad looking for the cable. Hope this helps!

Mel, NZ0O

--- On Sun, 6/20/10, Crownhaven <crownhaven@bellsouth.net> wrote:

From: Crownhaven <crownhaven@...>
Subject: [TS-850_450_690] AT-850 Tuner Install Question
To: "TS-850" <TS-850_450_690@yahoogroups.com>
Date: Sunday, June 20, 2010, 2:57 AM

Trying to get an AT-850 into a TS-850S. Instructions pretty vague. I
am seeing an RF cable in the radio running from the external antenna
connector (appears to be named CN5) to CN2. It looks like they want you
to unplug this cable at CN2 on the radio and plug in the cable from the
tuner. They then appear to want you to run the RF cable from CN5 to the
connector also marked CN2 on the ANTENNA TUNER itself. Makes sense to me.

However, there is absolutely no way that the cable that is on the radio
is going to reach from CN5 or the antenna connector to the CN2 plug on
the tuner.

Anyone run into this? Do I understand this correctly. Do I need a
longer cable? Where does one find one if that is the case?

Regards,

Steve, N4JQQ

[Non-text portions of this message have been removed]

9372. Re: [TS-850_450_690] AT-850 Tuner Install Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-21 22:00:39 UTC
From: Crownhaven
Topic: 9364 Message: 9372

Mel, thanks for the confirmation. I appreciate it.

Steve

On 6/21/2010 2:54 PM, Melvin Nichols wrote:
>
> Steve
>
> You will need the longer cable. I purchased one from WA4WIP (he sells
> parts for TS-430 & 440's) on QTH.Com. Contact him and describe the
> cable and give him the length needed. To me it was the easiest and
> cheapest way to go. You can also place an ad looking for the cable.
> Hope this helps!
>
> Mel, NZ0O
>
> --- On Sun, 6/20/10, Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>> wrote:
>
> From: Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>>
> Subject: [TS-850_450_690] AT-850 Tuner Install Question
> To: "TS-850" <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>>
> Date: Sunday, June 20, 2010, 2:57 AM
>
>
>
> Trying to get an AT-850 into a TS-850S. Instructions pretty vague. I
> am seeing an RF cable in the radio running from the external antenna
> connector (appears to be named CN5) to CN2. It looks like they want you
> to unplug this cable at CN2 on the radio and plug in the cable from the
> tuner. They then appear to want you to run the RF cable from CN5 to the
> connector also marked CN2 on the ANTENNA TUNER itself. Makes sense to me.
>
> However, there is absolutely no way that the cable that is on the radio
> is going to reach from CN5 or the antenna connector to the CN2 plug on
> the tuner.
>
> Anyone run into this? Do I understand this correctly. Do I need a
> longer cable? Where does one find one if that is the case?
>
> Regards,
>
> Steve, N4JQQ

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9373. Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-21 23:52:25 UTC
From: Carl
Topic: 8158 Message: 9373

I looked in the file section and found some info about the IF-232C like Schematic diagram for the IF-232C (PCB PN X57-1170-00)

Isolation between TTL 6 pin DIN connector and RS-232C DB25 connectors-using opto-isolator IC3 TLP521-4

Line Driver IC1 SN75188N and Line receiver IC2 SN75189N connected to DB25.

and 5 volt IC4 NJM78L05A, +12 volt D1 MZT12J and -12 Volt (IC5, Q1, Q2, D2 etc) power supplies.

Then I went to

http://www.hosenose.com/detail.asp?product_id=LCU-3K

The LCU-3K has 2 connectors with wires (with a MAX232 ???) but where is the power supply??

Carl

--- In TS-850_450_690@yahoogroups.com, "frank" <fravin@...> wrote:
>
> Hello Mike
>
> Have You tried different Com port settings on the program that controlls the interface ?
> I use a interface (homebuild) using a Max232 for level conversion and use the settings
> 4800,N,8,1 with DTR on and RTS on and I tried different setting before it worked Ok.
> Works fine with most programs .
>
> 73
> Frank
>
> ----- Original Message -----
> From: aborg
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, July 27, 2009 11:11 PM
> Subject: Re: [TS-850_450_690] Re: IF-232 Interface Alternative
>
>
> Exactly what I wanted to hear .
>
> Thanks
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Mon, 7/27/09, dsh_0403 <kenwoodts850@...> wrote:

>
> From: dsh_0403 <kenwoodts850@...>
> Subject: [TS-850_450_690] Re: IF-232 Interface Alternative
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, July 27, 2009, 4:21 PM
>
>
>
> --- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@> wrote:
>
> >
>
> > I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?
>
> >
>
> > Thanks
>
> >
>
> > Mike
>
> >
>
> I recently purchased a "lcu-3k" cable at "http://www.hosenose .com/detail. asp?product_ id=LCU-3K" or "http://tinyurl. com/kkk96q"
>
> I use it on the computers serial port (RS-232) with "Ham Radio Deluxe and Digital Master, V4.0 SP4 Build 1901" and it does control the frequency very well. I have only had it a short time but I have found I can also change modes, VFOs, and lock the frequency. It also changes the filters, but not quite in the way that matches what it says it is doing since my filters are not exactly standard but perhaps the can be altered. I am still learning about the software.
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

9374. Re: TS-450S problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-22 08:18:13 UTC
From: Jose V. Gavila
Topic: 9374 Message: 9374

Hello Pedro,

>i am from Argentina LU9HA
>my TS450 transmits and receives in the two sidebands at the same time
>that may be
>I also seem to be deaf in 20/15 and 10 meters because they did not hear anyone

I fixed a similar problem some time ago... you need to check electrolytics in the main circuit as some of them leak, destroying and shorting traces and PCB vias (connections between top and bottom layers). I have some pictures at home and can forward them if needed.

What happens is that instead of selecting the SSB filter, due to the damage, a wider filter is selected so SSB is not properly filtered and you transmit and receive is DSB (Double Side Band)

Hope this helps!

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

9375. Re: [TS-850_450_690] Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-22 05:09:44 UTC
From: Gary K9GS
Topic: 8158 Message: 9375

The LCU-3K is powered by the serial port.

73,

-Gary K9GS
GMDXA Web Site: www.gmdxa.org

----- Original Message -----
From: Carl
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 21, 2010 6:52 PM
Subject: [TS-850_450_690] Re: IF-232 Interface Alternative

I looked in the file section and found some info about the IF-232C like Schematic diagram for the IF-232C (PCB PN X57-1170-00)

Isolation between TTL 6 pin DIN connector and RS-232C DB25 connectors-using opto-isolator IC3 TLP521-4

Line Driver IC1 SN75188N and Line receiver IC2 SN75189N connected to DB25.

and 5 volt IC4 NJM78L05A, +12 volt D1 MZT12J and -12 Volt (IC5, Q1, Q2, D2 etc) power supplies.

Then I went to

http://www.hosenose.com/detail.asp?product_id=LCU-3K

The LCU-3K has 2 connectors with wires (with a MAX232 ???) but where is the power supply??

Carl

--- In TS-850_450_690@yahoogroups.com, "frank" <fravin@...> wrote:
>
> Hello Mike
>
> Have You tried different Com port settings on the program that controlls the interface ?
> I use a interface (homebuild) using a Max232 for level conversion and use the settings
> 4800,N,8,1 with DTR on and RTS on and I tried different setting before it worked Ok.
> Works fine with most programs .
>
> 73
> Frank
>
> ----- Original Message -----
> From: aborg
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, July 27, 2009 11:11 PM

> Subject: Re: [TS-850_450_690] Re: IF-232 Interface Alternative
>
>
> Exactly what I wanted to hear .
>
> Thanks
>
> Mike-KK4MS
>
> a_borg@...
>
> --- On Mon, 7/27/09, dsh_0403 <kenwoodts850@...> wrote:
>
> From: dsh_0403 <kenwoodts850@...>
> Subject: [TS-850_450_690] Re: IF-232 Interface Alternative
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, July 27, 2009, 4:21 PM
>
>
>
> --- In TS-850_450_690@ yahoogroups. com, "a_borg" <a_borg@> wrote:
>
> >
>
> > I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?
>
> >
>
> > Thanks
>
> >
>
> > Mike
>
> >
>
> I recently purchased a "lcu-3k" cable at "http://www.hosenose .com/detail. asp?product_ id=LCU-3K" or "http://tinyurl. com/kkk96q"
>
> I use it on the computers serial port (RS-232) with "Ham Radio Deluxe and Digital Master, V4.0 SP4 Build 1901" and it does control the frequency very well. I have only had it a short time but I have found I can also change modes, VFOs, and lock the frequency. It also changes the filters, but not quite in the way that matches what it says it is doing since my filters are not exactly standard but perhaps the can be altered. I am still learning about the software.
>
>

>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9376. Re: [TS-850_450_690] Re: TS-450S problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-22 11:44:14 UTC
From: Predro Prado
Topic: 9374 Message: 9376

OK thanks
had an electrolytic capacitor 10 volt 470 mf filter missed about
Reappears thanks ....
ise two contacts on 40 meters and out ok
in reception is OK
but in the bands 20/15 and 10 meters
as usual, I heard nothing
Jose can help me another
Hola Josehabia un capacitor electrolitico de 470mf por 10 volt con perdidasy dos pistas en corto con el acidolimpie bien, lave con alcohol varias veces y reeplace por uno de la misma capacidadsolo que de 16 volt en ves de 10 voltise 2 contactos y recepcion, quedo bienpero sigue sordo en 20/15 y 10 metrosNO escuchoa nada de nada, por comentarios de algun colega LUalgo de actividad hay, alguna estacion tengo que escucharhace 30 dias que no escucho nadale agradeceria si puede darme alguna ayuda mas
gracias de Pedro

OK thanks
had an electrolytic capacitor 10 volt 470 mf filter missed about
Reappears thanks ....
ise two contacts on 40 meters and out ok
in reception is OK
but in the bands 20/15 and 10 meters
as usual, I heard nothing
Jose can help me another

--- El mar, 6/22/10, Jose V. Gavila <eb5agv@...> escribió:

De: Jose V. Gavila <eb5agv@...>
Asunto: [TS-850_450_690] Re: TS-450S problem
A: TS-850_450_690@yahoogroups.com
Fecha: martes, 22 de junio de 2010, 05:18 am

Hello Pedro,

>i am from Argentina LU9HA

>my TS450 transmits and receives in the two sidebands at the same time

>that may be

>I also seem to be deaf in 20/15 and 10 meters because they did not hear anyone

I fixed a similar problem some time ago... you need to check electrolytics in

the main circuit as some of them leak, destroying and shorting traces and PCB

vias (connections between top and bottom layers). I have some pictures at home

and can forward them if needed.

What happens is that instead of selecting the SSB filter, due to the damage, a wider filter is selected so SSB is not properly filtered and you transmit and receive is DSB (Double Side Band)

Hope this helps!

Best regards,

JOSE

--

73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)

Vintage Radio and Test Equipment.......... http://jvgavila.com

RadioRepair BLOG.............. http://radiorepair.blogspot.com

[Non-text portions of this message have been removed]

9377. RE: [TS-850_450_690] Re: TS-450S problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-22 12:27:15 UTC
From: Jose V. Gavila
Topic: 9374 Message: 9377

Hello Pedro,

>had an electrolytic capacitor 10 volt 470 mf filter missed about
>Reappears thanks ....
>ise two contacts on 40 meters and out ok
>in reception is OK
>but in the bands 20/15 and 10 meters
>as usual, I heard nothing

Well, it seems to me as an unrelated problem (but perhaps I am wrong as I have worked only in a couple 450s but lots of 850s)

I would check, using the schematics/block diagram, which are the items that are only working on 20/15 and 10 meters. I guess there is a VCO only for these bands... if so, I would carefully check and align it.

In general, in these cases, a good reading of the Service Manual is both instructive and productive :-)

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

9378. update on free Kenwood RTX Maanual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-22 18:54:22 UTC
From: Paul
Topic: 9378 Message: 9378

Hi all,
You may now download the manual directly from:

http://www.n6wk.com/TS440

Thaks to Gordon.

God Bless

Paul
9H1FQ

9379. Still more on Kenwood RTX manual: higher quality!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-23 08:51:11 UTC
From: Jose V. Gavila
Topic: 9379 Message: 9379

Dear all,

I have done some magic ;-) and now you can download most of the pages of the fantastic Kenwood RTX manual (thanks Paul!) on its original format (TIF files), in higher resolution and with cleaner pages:

http://jvgavila.com/man_ham/rtx/rtx_manual.htm

There are some pages missing (20, 21, 22, 23, 25, 35 and 36) but you can use the full PDF manual for them (available at http://jvgavila.com/man_ham.htm)

I am working to find the missing pages...

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

9380. further update on Kenwood RTX manaul

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-23 13:22:05 UTC
From: Paul
Topic: 9380 Message: 9380

Hi all,

You may download a High resolution version (but some pages missing)
here:

http://jvgavila.com/man_ham/rtx/rtx_manual.htm

You may also want to download a free software (no spyware or viruses)
to enhance a photo or document here:

www.paint.net

In future I will try to to organise a higher resolution version.

God Bless All

73's
Paul
9H1FQ

9381. wanted ts 850sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-23 13:51:57 UTC
From: paim
Topic: 9381 Message: 9381

hello
i am looking for a nice sell i say mint condition ts 850sat [for my voodoo station]
from non smoking home and UK england only pick up
many thanks
please send picture and price
thank you very much
elan g0uut

E.P

[Non-text portions of this message have been removed]

9382. Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-24 02:42:24 UTC
From: kc5cqw
Topic: 8158 Message: 9382

I built mine using break out boards from Sparkfun.com
Have a look at these:

http://www.sparkfun.com/commerce/product_info.php?products_id=199

http://www.sparkfun.com/commerce/product_info.php?products_id=8551

http://www.sparkfun.com/commerce/product_info.php?products_id=8745

http://www.sparkfun.com/commerce/product_info.php?products_id=9118

73, Damon

--- In TS-850_450_690@yahoogroups.com, "a_borg" <a_borg@...> wrote:
>
> I recently built an interface I found on the web that will not work with my TS850SAT. It will not pick-up the frequency. The interface is the Computer Interface for the TS-850, without using the IF-232 Level Converter by N6TR. Anyone tried any of the other interfaces that are advertised and do you have full functionality ?
>
> Thanks
>
> Mike
>

9383. Component wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-24 05:10:08 UTC
From: Paul
Topic: 9383 Message: 9383

Hi all,
I am looking for a Clarostat rotary encoder type 600-128-CBL.
Anyone has one for sale please

Paul
9H1FQ

9384. serial port interface

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-24 14:15:17 UTC
From: WN9D
Topic: 9384 Message: 9384

I also recently purchased the "LCU-3k" cable with built in interface for the computer serial port (RS-232). I use it with the Ham Radio Deluxe software.

I have attempted to interface both of my TS-850s while using the DSP-100. I connected the DIN plug to the CONT OUT connector of the DSP-100. It appears that the LCU-3K is not compatible with the TS-850 / DSP-100 combo.

My old Kenwood IF-232C successfully interfaces with the DSP-100.

I would appreciate any recommendations to get the LUC-3K to interface with the DSP-100.

'73, Randy WN9D

[Non-text portions of this message have been removed]

9385. Re: [TS-850_450_690] Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-24 19:22:42 UTC
From: Dave ve3wej
Topic: 8158 Message: 9385

what baud rate, etc... and does it send to radio

ts850 is default 4800 8,n,2 anything else will cause errors

Dave Garber
VE3IE/VE3WEJ

>> I recently built an interface I found on the web that will not work with
>> my TS850SAT. It will not pick-up the frequency. The interface is the
>> Computer Interface for the TS-850, without using the IF-232 Level
>> Converter by N6TR. Anyone tried any of the other interfaces that are
>> advertised and do you have full functionality ?
>>
>> Thanks
>>
>> Mike
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9386. Re: [TS-850_450_690] serial port interface

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-24 19:23:14 UTC
From: Dave ve3wej
Topic: 9384 Message: 9386

same answer.. check baud rate on new device

----- Original Message -----
From: "WN9D" <wn9d@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, June 24, 2010 10:15 AM
Subject: [TS-850_450_690] serial port interface

>
> I also recently purchased the "LCU-3k" cable with built in interface for
> the
> computer serial port (RS-232). I use it with the Ham Radio Deluxe
> software.
>
> I have attempted to interface both of my TS-850s while using the DSP-100.
> I
> connected the DIN plug to the CONT OUT connector of the DSP-100. It
> appears
> that the LCU-3K is not compatible with the TS-850 / DSP-100 combo.
>
> My old Kenwood IF-232C successfully interfaces with the DSP-100.
>
> I would appreciate any recommendations to get the LUC-3K to interface with
> the DSP-100.
>
> '73, Randy WN9D
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9387. Re: IF-232 Interface Alternative

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-25 05:32:11 UTC
From: joe
Topic: 8158 Message: 9387

I agree, best price value ratio

73 Joe

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Mike
>
> It has been posted here before, but go to eBay and do a search for G4ZLP.
> He makes a great interface, and the price is right. I have 3 of them here
> (2 on TS-450SAT's and 1 on a Yaesu). Six days shipping from the U.K. 73
> Tom W7WHY
>
>
> >I recently built an interface I found on the web that will not work with my
> >TS850SAT. It will not pick-up the frequency. The interface is the Computer
> >Interface for the TS-850, without using the IF-232 Level Converter by N6TR.
> >Anyone tried any of the other interfaces that are advertised and do you
> >have full functionality ?
> >
> > Thanks
> >
> > Mike
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >
>

9388. Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-25 17:49:11 UTC
From: holzschlapfen
Topic: 5255 Message: 9388

Here i the link
http://filestore.to/?d=UIPM6I6E1U
enjoy

--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...> wrote:
>
> Hi all
> I scanned my service manual with truely 400x400 dpi in full color
> A4/A3 as pdf. So you can resize to 400% with high resolution details
> You can see one page of the 205 pages, the whole manual has 213 MB.
> http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1GrqwrnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-COQ/SMTS_850_A3_203_204.pdf
> I am looking for the same quality service manual for TS-950 SDX in
> exchange.
> kr
> Joe
>

9389. Re: [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-26 18:14:42 UTC
From: kremper4-850@yahoo.com
Topic: 5255 Message: 9389

That filestore link states (in German) that the download information can't be found.

73,

Paul / N1FB

--- On Fri, 6/25/10, holzschlapfen <8ung@...> wrote:

From: holzschlapfen <8ung@...>
Subject: [TS-850_450_690] Re: Service manual TS-850S fully colored 213 MB
To: TS-850_450_690@yahoogroups.com
Date: Friday, June 25, 2010, 1:49 PM

Here i the link
http://filestore.to/?d=UIPM6I6E1U
enjoy

--- In TS-850_450_690@yahoogroups.com, "holzschlapfen" <8ung@...> wrote:
>
> Hi all
> I scanned my service manual with truely 400x400 dpi in full color
> A4/A3 as pdf. So you can resize to 400% with high resolution details
> You can see one page of the 205 pages, the whole manual has 213 MB.
> http://f1.grp.yahoofs.com/v1/8JNURedinaRCQlVUv5U_XDqrrO_X0MzfTE4J_1GrqwrnixDrqcudblp2w--E5dgsnIUK-b7uCUACLCxcfwamGtkxmOInLQQw-COQ/SMTS_850_A3_203_204.pdf
> I am looking for the same quality service manual for TS-950 SDX in
> exchange.
> kr
> Joe
>

[Non-text portions of this message have been removed]

9390. KT-100 For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-26 20:29:43 UTC
From: Crownhaven
Topic: 9390 Message: 9390

I have an almost new LDG KT-100 auto tuner for sale. This is the tuner developed for the TS-850S/450S. It is a small unit, outboard, and allows you to have an auto tune capability in a radio that does not have the Kenwood factory tuner. It is operated like the internal tuner by pushing the AT Tune button on the front of the radio. It is a nice tuner, very small. $150.00 plus shipping.

http://www.ldgelectronics.com/assets/manuals/KT-100ManualRevB.pdf

Steve, N4JQQ

9391. TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-27 14:57:48 UTC
From: joe
Topic: 9391 Message: 9391

Hi
try this one
http://www.gmx.de/mc/NgETFFNzMbEvZAOMLRbjJl0XAZN0O0

password qwertz

73

9392. Re: [TS-850_450_690] TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-27 15:07:33 UTC
From: Urcun CANEL / TCSWAT
Topic: 9391 Message: 9392

----- Original Message -----
From: joe
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 27, 2010 5:57 PM
Subject: [TS-850_450_690] TS-850 manual

Hi
try this one
http://www.gmx.de/mc/NgETFFNzMbEvZAOMLRbjJl0XAZN0O0

password qwertz

73

--
I am using the free version of SPAMfighter.
We are a community of 7 million users fighting spam.
SPAMfighter has removed 13389 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]

9393. Re: TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-27 17:31:20 UTC
From: ah6rr1
Topic: 9391 Message: 9393

Still not able to down load page stops responding after a minute. Tried IE8 and Firefox and no joy on either one.

--- In TS-850_450_690@yahoogroups.com, "Urcun CANEL / TCSWAT" <ta0u@...> wrote:
>
>
> ----- Original Message -----
> From: joe
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, June 27, 2010 5:57 PM
> Subject: [TS-850_450_690] TS-850 manual
>
>
>
> Hi
> try this one
> http://www.gmx.de/mc/NgETFFNzMbEvZAOMLRbjJl0XAZN0O0
>
> password qwertz
>
> 73
>
>
>
>
>
> --
> I am using the free version of SPAMfighter.
> We are a community of 7 million users fighting spam.
> SPAMfighter has removed 13389 of my spam emails to date.
> Get the free SPAMfighter here: http://www.spamfighter.com/len
>
> The Professional version does not have this message
>
>
> [Non-text portions of this message have been removed]
>

9394. Kenwood Manuals free download

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-27 21:06:45 UTC
From: Paul
Topic: 9394 Message: 9394

Hi all,

Here is a nice collection of Kenwood manuals and others:

http://www.wz5q.net/index/manuals.htm

God Bless
Paul
9H1FQ

9395. Excellent 850S AT for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-27 19:33:42 UTC
From: kc5en
Topic: 9395 Message: 9395

Reluctantly selling. Recent professionally checked. Caps and IC's all FB. Non-smoker. No dings, scratches. Original Box, hand mike, cable.70M serial number

cell 936/524-21431

9396. Re: TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-27 23:27:17 UTC
From: huweyii
Topic: 9391 Message: 9396

I haven't seen a scan of the service manual that is this high resolution
or low compression. Seems worth keeping around.

I renamed the files so that they sort properly in windows. I also
changed it from a .rar to a .zip file, since most any windows or mac
user is probably already setup for .zip files.

I posted this file to my web server. No crazy German, no passwords.

http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip
<http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip>

Enjoy
-James K7HUW

http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Still not able to down load page stops responding after a minute.
Tried IE8 and Firefox and no joy on either one.
>
> --- In TS-850_450_690@yahoogroups.com, "Urcun CANEL / TCSWAT" ta0u@
wrote:
> >
> >
> > ----- Original Message -----
> > From: joe
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Sunday, June 27, 2010 5:57 PM
> > Subject: [TS-850_450_690] TS-850 manual
> >
> >
> >
> > Hi
> > try this one
> > http://www.gmx.de/mc/NgETFFNzMbEvZAOMLRbjJl0XAZN0O0
> >
> > password qwertz
> >
> > 73
> >
> >
> >
> >
> >

> > --
> > I am using the free version of SPAMfighter.
> > We are a community of 7 million users fighting spam.
> > SPAMfighter has removed 13389 of my spam emails to date.
> > Get the free SPAMfighter here: http://www.spamfighter.com/len
> >
> > The Professional version does not have this message
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

9397. RE: [TS-850_450_690] Excellent 850S AT for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-28 20:32:02 UTC
From: Mike
Topic: 9395 Message: 9397

$$$$$?????

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kc5en
Sent: Sunday, June 27, 2010 15:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Excellent 850S AT for sale

Reluctantly selling. Recent professionally checked. Caps and IC's all FB.
Non-smoker. No dings, scratches. Original Box, hand mike, cable.70M serial
number

cell 936/524-21431

[Non-text portions of this message have been removed]

9398. Re: TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-28 20:33:21 UTC
From: joe
Topic: 9391 Message: 9398

Great hero
a thanks would be nicer, than your comment about crazy German.
But who cares
BP we are filling your Golf
.....

--- In TS-850_450_690@yahoogroups.com, "huweyii" <misc@...> wrote:
>
> I haven't seen a scan of the service manual that is this high resolution
> or low compression. Seems worth keeping around.
>
> I renamed the files so that they sort properly in windows. I also
> changed it from a .rar to a .zip file, since most any windows or mac
> user is probably already setup for .zip files.
>
> I posted this file to my web server. No crazy German, no passwords.
>
> http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip
> <http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip>
>
> Enjoy
> -James K7HUW
>
> http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip
>
>

9399. RE: [TS-850_450_690] TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-29 00:38:39 UTC
From: K9OR
Topic: 9391 Message: 9399

Thanks James, and to our German friend,

Best looking one yet.
I know what a PITA this is.
I have the original print version, but no scanner capable of doing it justice.
It is very handy to have a pdf version.

73 Randy K9OR

Re: TS-850 manual
Posted by: "huweyii" misc@... huweyii
Date: Sun Jun 27, 2010 5:19 pm ((PDT))

I haven't seen a scan of the service manual that is this high resolution or low compression. Seems worth keeping around.

I renamed the files so that they sort properly in windows. I also changed it from a .rar to a .zip file, since most any windows or mac user is probably already setup for .zip files.

I posted this file to my web server. No crazy German, no passwords.

http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip
<http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip>

Enjoy
-James K7HUW

http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip

9400. RE: [TS-850_450_690] Excellent 850S AT for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-29 12:15:54 UTC
From: cesanet lapomme
Topic: 9395 Message: 9400

How much you want for this unit ? Does it come with any filter ?

Thank you , 73

Serge KB2AWC

--- En date de : Lun 28.6.10, Mike <n2tbp@...> a écrit :

De: Mike <n2tbp@...>
Objet: RE: [TS-850_450_690] Excellent 850S AT for sale
À: TS-850_450_690@yahoogroups.com
Date: Lundi 28 juin 2010, 16h32

$$$$$?????

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kc5en
Sent: Sunday, June 27, 2010 15:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Excellent 850S AT for sale

Reluctantly selling. Recent professionally checked. Caps and IC's all FB.
Non-smoker. No dings, scratches. Original Box, hand mike, cable.70M serial
number

cell 936/524-21431

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9401. Re: [TS-850_450_690] Excellent 850S AT for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-29 14:02:22 UTC
From: harveywizbang@aol.com
Topic: 9395 Message: 9401

Has YK-88SN1 SSB filter. Asking $875. Recall that this unit is in
excellent operating and cosmetic condition. Also has all the stock filters which
are more than effective for cw and broad am.

In a message dated 6/29/2010 8:50:56 A.M. Central Daylight Time,
lapommetoo@... writes:

How much you want for this unit ? Does it come with any filter ?

Thank you , 73

Serge KB2AWC

--- En date de : Lun 28.6.10, Mike <_n2tbp@warwick.net_
(mailto:n2tbp@...) > a écrit :

De: Mike <_n2tbp@warwick.net_ (mailto:n2tbp@...) >
Objet: RE: [TS-850_450_690] Excellent 850S AT for sale
À: _TS-850_450_690@yahoogroups.com_ (mailto:TS-850_450_690@yahoogroups.com)
Date: Lundi 28 juin 2010, 16h32

$$$$$?????

_____

From: _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com) [mailto:_TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)]
On Behalf Of kc5en
Sent: Sunday, June 27, 2010 15:34 PM
To: _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)
Subject: [TS-850_450_690] Excellent 850S AT for sale

Reluctantly selling. Recent professionally checked. Caps and IC's all FB.
Non-smoker. No dings, scratches. Original Box, hand mike, cable.70M serial
number

cell 936/524-21431

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9402. RE: [TS-850_450_690] TS-850 manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-29 14:45:00 UTC
From: kremper4-850@yahoo.com
Topic: 9391 Message: 9402

Many thanks (vielen dank) to Joe (holzschlapfen 8ung@...) the originator of the file.

Both WinZip (I'm using version 12.1) and the free utility 7 Zip can handle .rar files.

73,

Paul / N1FB

--- On Mon, 6/28/10, K9OR <k9or@...> wrote:

From: K9OR <k9or@comcast.net>
Subject: RE: [TS-850_450_690] TS-850 manual
To: TS-850_450_690@yahoogroups.com
Date: Monday, June 28, 2010, 8:38 PM

Thanks James, and to our German friend,

Best looking one yet.
I know what a PITA this is.
I have the original print version, but no scanner capable of doing it
justice.
It is very handy to have a pdf version.

73 Randy K9OR

Re: TS-850 manual
Posted by: "huweyii" misc@... huweyii
Date: Sun Jun 27, 2010 5:19 pm ((PDT))

I haven't seen a scan of the service manual that is this high resolution
or low compression. Seems worth keeping around.

I renamed the files so that they sort properly in windows. I also
changed it from a .rar to a .zip file, since most any windows or mac
user is probably already setup for .zip files.

I posted this file to my web server. No crazy German, no passwords.

http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip
<http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip>

Enjoy
-James K7HUW

http://www.k7huw.com/Kenwood-TS-850-Service-Manual.zip

[Non-text portions of this message have been removed]

9403. AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 04:28:52 UTC
From: kdrosenlund
Topic: 9403 Message: 9403

Hi All,

I have a nice TS-850S that works great on SSB, and FM, but not well at all on AM TX. It's a 3 mil serial number, and has the INRAD filters added, plus I've done some published mods for improved audio. The AM receive is fine.

The AM TX audio is distorted. When I turn the power out down, it gets somewhat better but is still lousy. Also I notice the power out level swing down noticeably when I modulate.

Any ideas? I have the service manual, but it doesn't seem to have any alignment adjustments for the AM TX mode. I don't use AM mode often, but would like to once in a while.

Thanks for any help in advance.

-Kit

9404. Re: AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 12:43:52 UTC
From: Andy G3UEQ
Topic: 9403 Message: 9404

Kit
I dont think there is anything wrong with the radio, just the way you are using it on AM.

These radios only generate AM by re-introducing the carrier into the balanced modulator. To get good sounding audio you must turn the power o/p setting so that if the radio runs say 100 watts o/p on FM or SSB, you need to set the carrier control so it only gives about 40-50 watts for good linearity(50 watts carrier and 25 watts each sideband. By running the rig at full power there is no headroom for the mod peaks, hence distortion and negative dips on the meter.

As you have found, turning the power down improves the audio. On my TS-450S, I put the rig on AM into dummy load, turn carrier up to ALC point and set power out at 100 watts. Then I turn the carrier control down to abot 40 watts and get good audio,with a slight UPWARD kick on the meter, not as good as a plain old fashioned rig with plate modulation!
73
Andy G3UEQ

> Hi All,
>
> I have a nice TS-850S that works great on SSB, and FM, but not well at all on AM TX.
> It's a 3 mil serial number, and has the INRAD filters added, plus I've done some published mods for improved audio. The AM receive is fine.
>
> The AM TX audio is distorted. When I turn the power out down, it gets somewhat better but is still lousy. Also I notice the power out level swing down noticeably when I modulate.
>
> Any ideas? I have the service manual, but it doesn't seem to have any alignment adjustments for the AM TX mode. I don't use AM mode often, but would like to once in a while.
>
> Thanks for any help in advance.
>
> -Kit
>

9405. Re: AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 15:50:09 UTC
From: kdrosenlund
Topic: 9403 Message: 9405

Andy,

Thanks for the reply. This radio sounds so great on SSB and FM that I was expecting it to be better. The power output swings down on modulation on any power setting, even all the way down. It gets a little better with the power turned down to about 25 watts. When trying it with my AL-811 linear amp, it sounds bad at any setting, so that's out of the question.

Guess I'll have to wait till I get my Johnson Ranger project finished for good AM TX.

Thanks,
Kit

--- In TS-850_450_690@yahoogroups.com, "Andy G3UEQ" <g3ueq@...> wrote:
>
> Kit
> I dont think there is anything wrong with the radio, just the way you are using it on AM.
>
> These radios only generate AM by re-introducing the carrier into the balanced modulator. To get good sounding audio you must turn the power o/p setting so that if the radio runs say 100 watts o/p on FM or SSB, you need to set the carrier control so it only gives about 40-50 watts for good linearity(50 watts carrier and 25 watts each sideband. By running the rig at full power there is no headroom for the mod peaks, hence distortion and negative dips on the meter.
>
> As you have found, turning the power down improves the audio. On my TS-450S, I put the rig on AM into dummy load, turn carrier up to ALC point and set power out at 100 watts. Then I turn the carrier control down to abot 40 watts and get good audio,with a slight UPWARD kick on the meter, not as good as a plain old fashioned rig with plate modulation!
> 73
> Andy G3UEQ
>
>
> > Hi All,
> >
> > I have a nice TS-850S that works great on SSB, and FM, but not well at all on AM TX.
> > It's a 3 mil serial number, and has the INRAD filters added, plus I've done some published mods for improved audio. The AM receive is fine.
> >
> > The AM TX audio is distorted. When I turn the power out down, it gets somewhat better but is still lousy. Also I notice the power out level swing down noticeably when I modulate.
> >
> > Any ideas? I have the service manual, but it doesn't seem to have any alignment adjustments for the AM TX mode. I don't use AM mode often, but would like to once in a while.
> >

> > Thanks for any help in advance.
> >
> > -Kit
> >
>

9406. Re: AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 16:05:51 UTC
From: avvidclif
Topic: 9403 Message: 9406

Have you adjusted it "By the Manual"??? It works.

Clif

--- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...> wrote:
>
>
> Andy,
>
> Thanks for the reply. This radio sounds so great on SSB and FM that I was expecting it to be better. The power output swings down on modulation on any power setting, even all the way down. It gets a little better with the power turned down to about 25 watts. When trying it with my AL-811 linear amp, it sounds bad at any setting, so that's out of the question.
>
> Guess I'll have to wait till I get my Johnson Ranger project finished for good AM TX.
>
> Thanks,
> Kit
>
> --- In TS-850_450_690@yahoogroups.com, "Andy G3UEQ" <g3ueq@> wrote:
> >
> > Kit
> > I dont think there is anything wrong with the radio, just the way you are using it on AM.
> >
> > These radios only generate AM by re-introducing the carrier into the balanced modulator. To get good sounding audio you must turn the power o/p setting so that if the radio runs say 100 watts o/p on FM or SSB, you need to set the carrier control so it only gives about 40-50 watts for good linearity(50 watts carrier and 25 watts each sideband. By running the rig at full power there is no headroom for the mod peaks, hence distortion and negative dips on the meter.
> >
> > As you have found, turning the power down improves the audio. On my TS-450S, I put the rig on AM into dummy load, turn carrier up to ALC point and set power out at 100 watts. Then I turn the carrier control down to abot 40 watts and get good audio,with a slight UPWARD kick on the meter, not as good as a plain old fashioned rig with plate modulation!
> > 73
> > Andy G3UEQ
> >
> >
> > > Hi All,
> > >
> > > I have a nice TS-850S that works great on SSB, and FM, but not well at all on AM TX.
> > > It's a 3 mil serial number, and has the INRAD filters added, plus I've done some published mods for improved audio. The AM receive is fine.

> > >
> > > The AM TX audio is distorted. When I turn the power out down, it gets somewhat better but is still lousy. Also I notice the power out level swing down noticeably when I modulate.
> > >
> > > Any ideas? I have the service manual, but it doesn't seem to have any alignment adjustments for the AM TX mode. I don't use AM mode often, but would like to once in a while.
> > >
> > > Thanks for any help in advance.
> > >
> > > -Kit
> > >
> >
>

9407. Re: AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 16:27:26 UTC
From: kdrosenlund
Topic: 9403 Message: 9407

Ahhhhhhhh..... the carrier control was up too high! Thanks Cliff.

9408. Re: AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 18:57:34 UTC
From: Steve
Topic: 9403 Message: 9408

Here's how you adjust the 850 for decent ops:

1. Select AM mode and 6 KHz filters.
2. Initially turn down fully the "MIC" gain pot control.
2. Turn the RF "PWR" pot control fully clockwise.
3. Key up or transmit into a dummy load on band desired.
4. Adjust the "CAR" control for a maximum AM carrier of 20 to 25 watts.
5. Adjust your "MIC" gain control upward from zero while speaking normally, for a minimal ALC deflection. With minimal ALC deflection, you should see the RF power output meter modulating upward when speaking.

You're done... now operate.

The 450/690/850 series were designed with 100 Watt Peak Envelope Power (PEP) linear power amplifiers -- not 125, 150, or 200 Watt amps. To keep an AM signal clean and faithfully reproducing audio input on AM, we need to operate the final RF amp within its designed linear range of 100 Watts PEP. To do this, the RF carrier level must be kept at 25 watts or lower, for a 100% modulated AM carrier. A 25 Watt carrier that is fully modulated (100%), presents a PEP output that is 4 times that of the carrier output (100 Watts). Higher carrier levels, when modulated anywhere near fully, will exceed the linear range of the rig's RF power amplifier for the average amateur user. It's just this simple.

73.

--- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...> wrote:
>
>
> Andy,
>
> Thanks for the reply. This radio sounds so great on SSB and FM that I was expecting it to be better. The power output swings down on modulation on any power setting, even all the way down. It gets a little better with the power turned down to about 25 watts. When trying it with my AL-811 linear amp, it sounds bad at any setting, so that's out of the question.
>
> Guess I'll have to wait till I get my Johnson Ranger project finished for good AM TX.
>
> Thanks,
> Kit
>
> --- In TS-850_450_690@yahoogroups.com, "Andy G3UEQ" <g3ueq@> wrote:
> >
> > Kit
> > I dont think there is anything wrong with the radio, just the way you are using it on AM.
> >
> > These radios only generate AM by re-introducing the carrier into the balanced

modulator. To get good sounding audio you must turn the power o/p setting so that if the radio runs say 100 watts o/p on FM or SSB, you need to set the carrier control so it only gives about 40-50 watts for good linearity(50 watts carrier and 25 watts each sideband. By running the rig at full power there is no headroom for the mod peaks, hence distortion and negative dips on the meter.
> >
> > As you have found, turning the power down improves the audio. On my TS-450S, I put the rig on AM into dummy load, turn carrier up to ALC point and set power out at 100 watts. Then I turn the carrier control down to abot 40 watts and get good audio,with a slight UPWARD kick on the meter, not as good as a plain old fashioned rig with plate modulation!
> > 73
> > Andy G3UEQ
> >
> >
> > > Hi All,
> > >
> > > I have a nice TS-850S that works great on SSB, and FM, but not well at all on AM TX.
> > > It's a 3 mil serial number, and has the INRAD filters added, plus I've done some published mods for improved audio. The AM receive is fine.
> > >
> > > The AM TX audio is distorted. When I turn the power out down, it gets somewhat better but is still lousy. Also I notice the power out level swing down noticeably when I modulate.
> > >
> > > Any ideas? I have the service manual, but it doesn't seem to have any alignment adjustments for the AM TX mode. I don't use AM mode often, but would like to once in a while.
> > >
> > > Thanks for any help in advance.
> > >
> > > -Kit
> > >
> >
>

9409. Re: AM transmit audio sounds lousy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-06-30 19:17:08 UTC
From: Steve
Topic: 9403 Message: 9409

Kit,

Reference my 850 setup email just sent for proper AM setup.

Now that you're operating with a AL-811, I'll take that into account. Remember that a fully modulated AM carrier's PEP power level is 4 TIMES the the unmodulated carrier. So, adjust your 850's "CAR" downward below 25 Watts to say 10 or 12 Watts.

Why? Because your AL-811 amp has 3 811A tubes that'll amplify your signal about 10 dB -- a power amplification factor of 10 TIMES. 10 or 12 Watts multiplied by 10X equals 100 to 120 Watts carrier. Now, fully modulate that 100 to 120 Watt amplified carrier by 4 TIMES (100% possible modulation), and you have 400 to 480 Watts -- just within the linear operation range of the AL-811's amplifier. Don't op the radio/amplifier combination at levels exceeding this...

Besides, the 811A tubes in your amp won't stand the heat generated from AM operation for very long. I wouldn't key down for very long in the AM mode... speaking from experience here (I owned an AL-811H amp, and op'ed it on AM for a short time w/ my 850. I was careful, and still came close to overheating and over-stressing that thing). This AL-811 series of amps isn't designed for AM ops...

So, there you have it.

--- In TS-850_450_690@yahoogroups.com, "kdrosenlund" <kdrosenlund@...> wrote:
>
>
> Andy,
>
> Thanks for the reply. This radio sounds so great on SSB and FM that I was expecting it to be better. The power output swings down on modulation on any power setting, even all the way down. It gets a little better with the power turned down to about 25 watts. When trying it with my AL-811 linear amp, it sounds bad at any setting, so that's out of the question.
>
> Guess I'll have to wait till I get my Johnson Ranger project finished for good AM TX.
>
> Thanks,
> Kit
>
> --- In TS-850_450_690@yahoogroups.com, "Andy G3UEQ" <g3ueq@> wrote:
> >
> > Kit
> > I dont think there is anything wrong with the radio, just the way you are using it on AM.
> >
> > These radios only generate AM by re-introducing the carrier into the balanced modulator. To get good sounding audio you must turn the power o/p setting so that if the

radio runs say 100 watts o/p on FM or SSB, you need to set the carrier control so it only gives about 40-50 watts for good linearity(50 watts carrier and 25 watts each sideband. By running the rig at full power there is no headroom for the mod peaks, hence distortion and negative dips on the meter.
> >
> > As you have found, turning the power down improves the audio. On my TS-450S, I put the rig on AM into dummy load, turn carrier up to ALC point and set power out at 100 watts. Then I turn the carrier control down to abot 40 watts and get good audio,with a slight UPWARD kick on the meter, not as good as a plain old fashioned rig with plate modulation!
> > 73
> > Andy G3UEQ
> >
> >
> > > Hi All,
> > >
> > > I have a nice TS-850S that works great on SSB, and FM, but not well at all on AM TX.
> > > It's a 3 mil serial number, and has the INRAD filters added, plus I've done some published mods for improved audio. The AM receive is fine.
> > >
> > > The AM TX audio is distorted. When I turn the power out down, it gets somewhat better but is still lousy. Also I notice the power out level swing down noticeably when I modulate.
> > >
> > > Any ideas? I have the service manual, but it doesn't seem to have any alignment adjustments for the AM TX mode. I don't use AM mode often, but would like to once in a while.
> > >
> > > Thanks for any help in advance.
> > >
> > > -Kit
> > >
> >
>

9410. ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-02 03:02:04 UTC
From: rupert walford
Topic: 8273 Message: 9410

A problem has developed with my 850,lets say i am listening at 14.275 if i move the setting of either of the slope tune controls by the slightest of movement i lose the rx audio i was listening to,go to move the vfo and the frequency has dropped exactly 20 kcs,also i notice that sometimes when i key the mic.to tx it will drop the exact 20 kcs,leaking caps were replaced on display board and also on the carrier board by the way it has the new dds chips.any help appreciated
6y5rw

[Non-text portions of this message have been removed]

9411. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-02 19:27:58 UTC
From: Dave ve3wej
Topic: 8273 Message: 9411

sounds to me you are NOT centred on the frequency, so the slope tuning is causing you to find the operator...which could very well be 20kcs away... what filters do you have, maybe they are the narrow filter sn-1, and you are going too narrow???

is your rit or xit turned ON????

----- Original Message -----
From: "rupert walford" <elvyn@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, July 01, 2010 11:02 PM
Subject: [TS-850_450_690] ts850

>A problem has developed with my 850,lets say i am listening at 14.275 if i
>move the setting of either of the slope tune controls by the slightest of
>movement i lose the rx audio i was listening to,go to move the vfo and the
>frequency has dropped exactly 20 kcs,also i notice that sometimes when i
>key the mic.to tx it will drop the exact 20 kcs,leaking caps were replaced
>on display board and also on the carrier board by the way it has the new
>dds chips.any help appreciated
> 6y5rw
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9412. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-02 21:36:18 UTC
From: rupert walford
Topic: 8273 Message: 9412

Dave,re your response,i will be listening on 14.275 for maybe 10 mins. or so everything is ok if i accidently key the transmitter or touch the vfo i lose the audio i was listening to on 14 .275 ,some of the times just on keying the tx 14.255 will show on the readout other times just a slight move of the vfo it will show that i am now listening 20 kcs down. this all started to happen after the we found leaking caps and replaced them on both the display and carrier boards.
----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 02, 2010 2:27 PM
Subject: Re: [TS-850_450_690] ts850

sounds to me you are NOT centred on the frequency, so the slope tuning is
causing you to find the operator...which could very well be 20kcs away...
what filters do you have, maybe they are the narrow filter sn-1, and you are
going too narrow???

is your rit or xit turned ON????

----- Original Message -----
From: "rupert walford" <elvyn@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, July 01, 2010 11:02 PM
Subject: [TS-850_450_690] ts850

>A problem has developed with my 850,lets say i am listening at 14.275 if i
>move the setting of either of the slope tune controls by the slightest of
>movement i lose the rx audio i was listening to,go to move the vfo and the
>frequency has dropped exactly 20 kcs,also i notice that sometimes when i
>key the mic.to tx it will drop the exact 20 kcs,leaking caps were replaced
>on display board and also on the carrier board by the way it has the new
>dds chips.any help appreciated
> 6y5rw
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9413. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-02 22:04:07 UTC
From: Dave ve3wej
Topic: 8273 Message: 9413

double check the leaky caps did not destroy the traces....

----- Original Message -----
From: "rupert walford" <elvyn@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, July 02, 2010 5:36 PM
Subject: Re: [TS-850_450_690] ts850

> Dave,re your response,i will be listening on 14.275 for maybe 10 mins. or
> so everything is ok if i accidently key the transmitter or touch the vfo i
> lose the audio i was listening to on 14 .275 ,some of the times just on
> keying the tx 14.255 will show on the readout other times just a slight
> move of the vfo it will show that i am now listening 20 kcs down. this
> all started to happen after the we found leaking caps and replaced them on
> both the display and carrier boards.
> ----- Original Message -----
> From: Dave ve3wej
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, July 02, 2010 2:27 PM
> Subject: Re: [TS-850_450_690] ts850
>
>
>
> sounds to me you are NOT centred on the frequency, so the slope tuning is
> causing you to find the operator...which could very well be 20kcs away...
> what filters do you have, maybe they are the narrow filter sn-1, and you
> are
> going too narrow???
>
> is your rit or xit turned ON????
>
> ----- Original Message -----
> From: "rupert walford" <elvyn@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, July 01, 2010 11:02 PM
> Subject: [TS-850_450_690] ts850
>
> >A problem has developed with my 850,lets say i am listening at 14.275 if
> i
> >move the setting of either of the slope tune controls by the slightest
> of
> >movement i lose the rx audio i was listening to,go to move the vfo and
> the
> >frequency has dropped exactly 20 kcs,also i notice that sometimes when i
> >key the mic.to tx it will drop the exact 20 kcs,leaking caps were

> replaced
> >on display board and also on the carrier board by the way it has the new
> >dds chips.any help appreciated
> > 6y5rw
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9414. Re: [TS-850_450_690] ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-02 22:36:41 UTC
From: Jose V. Gavila
Topic: 8273 Message: 9414

Hello!

>double check the leaky caps did not destroy the traces....

AND carefully clean between IC pins, using a toothbrush and some
alcohol. Capacitor residue IS conductive.

Good luck!

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

9415. Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-03 12:47:48 UTC
From: avvidclif
Topic: 8273 Message: 9415

Everything was pointing to the DDS ic's until you said the display changed to 14.255 from 14.275. The only thing that can make the display change is the processor, not the car unit, dds chips, or anything else, processor only. And it and the radio changed because something told it to.

I would start on the control board looking behind the battery for signs of leakage. Several data lines run under the battery and corrosion can cause strange things. From what you are saying the radio is actually changing frequency by 20 kHz and that goes back to the processor. If the radio changed but the display didn't then I would go to the Car unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "rupert walford" <elvyn@...> wrote:
>
> Dave,re your response,i will be listening on 14.275 for maybe 10 mins. or so everything is ok if i accidently key the transmitter or touch the vfo i lose the audio i was listening to on 14 .275 ,some of the times just on keying the tx 14.255 will show on the readout other times just a slight move of the vfo it will show that i am now listening 20 kcs down. this all started to happen after the we found leaking caps and replaced them on both the display and carrier boards.
> ----- Original Message -----
> From: Dave ve3wej
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, July 02, 2010 2:27 PM
> Subject: Re: [TS-850_450_690] ts850
>
>
>
> sounds to me you are NOT centred on the frequency, so the slope tuning is
> causing you to find the operator...which could very well be 20kcs away...
> what filters do you have, maybe they are the narrow filter sn-1, and you are
> going too narrow???
>
> is your rit or xit turned ON????
>
> ----- Original Message -----
> From: "rupert walford" <elvyn@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, July 01, 2010 11:02 PM
> Subject: [TS-850_450_690] ts850
>
> >A problem has developed with my 850,lets say i am listening at 14.275 if i
> >move the setting of either of the slope tune controls by the slightest of
> >movement i lose the rx audio i was listening to,go to move the vfo and the
> >frequency has dropped exactly 20 kcs,also i notice that sometimes when i
> >key the mic.to tx it will drop the exact 20 kcs,leaking caps were replaced

> >on display board and also on the carrier board by the way it has the new
> >dds chips.any help appreciated
> > 6y5rw
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9416. Re: [TS-850_450_690] Re: ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-03 13:35:15 UTC
From: Jose V. Gavila
Topic: 8273 Message: 9416

HI Clif,

>Everything was pointing to the DDS ic's until you said the display
>changed to 14.255 from 14.275. The only thing that can make the
>display change is the processor, not the car unit, dds chips, or
>anything else, processor only. And it and the radio changed because
>something told it to.
>
>I would start on the control board looking behind the battery for
>signs of leakage. Several data lines run under the battery and
>corrosion can cause strange things. From what you are saying the
>radio is actually changing frequency by 20 kHz and that goes back to
>the processor. If the radio changed but the display didn't then I
>would go to the Car unit.

VERY GOOD!!!. I had not thought about that leaky batteries. In my
TS-790 they were a real PITA, as you can see in my WEB page (below)
and the BLOG entries listed at the end of the WEB page:

http://jvgavila.com/ts790.htm

As you can see, it is not always easy to spot the tiny damage they
can cause, specially on PCB vias.

Regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

9417. Adding IF out jack to TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-10 00:08:24 UTC
From: Scott
Topic: 9417 Message: 9417

Just wondering if anyone knows how to add an IF out jack to a 450? I have a SM-220 for my TS-830s and it shows in the monitors manual how to add a jack to a TS-530s. Does anyone know if one can be added to a 450S and maybe how to do it? Dont really want to go up to an 850 since I just got the 450 all fixed up. Thanks, Scott

9418. Re: Adding IF out jack to TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-10 05:27:25 UTC
From: kc5cqw
Topic: 9417 Message: 9418

The DSP 2 jack is the 4th IF @ 36.891kHz

In order to activate the DSP2 output, you have to enter in the radio's adjustment mode by holding down: POWER+SCAN+XIT+AIP. Once in adjustment mode, choose menu #14 and turn it to "ON" using the DOWN/UP keys.

A simple down converter can be built to shift the frequency to the SM-220.

Optionally, look at the service manual schematics and find a tap point on the IF board. Run a shielded cable from here to an open area on the rear and terminate into a connector of your choice.

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> Just wondering if anyone knows how to add an IF out jack to a 450? I have a SM-220 for my TS-830s and it shows in the monitors manual how to add a jack to a TS-530s. Does anyone know if one can be added to a 450S and maybe how to do it? Dont really want to go up to an 850 since I just got the 450 all fixed up. Thanks, Scott
>

9419. Re: Adding IF out jack to TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-10 14:55:33 UTC
From: Scott
Topic: 9417 Message: 9419

Thanks for the info, I want to run an LP-PAN with the TS-450 so I will need to get it down to 8.83 MHz. Scott

--- In TS-850_450_690@yahoogroups.com, "kc5cqw" <kc5cqw@...> wrote:
>
> The DSP 2 jack is the 4th IF @ 36.891kHz
>
> In order to activate the DSP2 output, you have to enter in the radio's adjustment mode
> by holding down: POWER+SCAN+XIT+AIP. Once in adjustment mode, choose menu #14 and turn it to "ON" using the DOWN/UP keys.
>
> A simple down converter can be built to shift the frequency to the SM-220.
>
> Optionally, look at the service manual schematics and find a tap point on the IF board.
> Run a shielded cable from here to an open area on the rear and terminate into a connector of your choice.
>
> --- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@> wrote:
> >
> > Just wondering if anyone knows how to add an IF out jack to a 450? I have a SM-220 for my TS-830s and it shows in the monitors manual how to add a jack to a TS-530s. Does anyone know if one can be added to a 450S and maybe how to do it? Dont really want to go up to an 850 since I just got the 450 all fixed up. Thanks, Scott
> >
>

9420. Re: Adding IF out jack to TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-10 22:47:25 UTC
From: Bryan
Topic: 9417 Message: 9420

Hi Scott,

The short answer is no. The frequency scheme for the TS450 is different than my TS850.

While both rigs are triple conversion (1st IF = 73.05 MHz, 2nd IF = 8.83 MHz, 3rd IF = 455 KHz), the TS450 doesn't give you any easy way to get any wideband signal past the "roofing filter" in the 1st IF. Sure, you can tap into the output of the 2nd mixer but you'll be limited to the bandwidth of MC3 in the 1st IF (refer to Page 12 in the Service Manual).

What's different about the TS850? It has to do with the noise blanker circuit. The 850 taps off of the 1st IF ahead of the filter, mixes it down to 8.83 MHz, and then does the noise blanking. This also gives us a convenient place to connect our Panadapter/Bandscope. It's also NOT in the AGC loop - AGC action from strong signals in the passband will cause your Panadapter display to pump downward in level. You don't want that. The TS450 doesn't have this extra mixer circuit. If you tap off the 2nd IF (ahead of the 8.83 MHz filter), you'll see only what the roofing filter will let you see... probably about +/- 10KHz. I wish I had better news for you!

73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, Scott wrote:
>
> Just wondering if anyone knows how to add an IF out jack to a 450? I have a SM-220 for my TS-830s and it shows in the monitors manual how to add a jack to a TS-530s. Does anyone know if one can be added to a 450S and maybe how to do it? Dont really want to go up to an 850 since I just got the 450 all fixed up. Thanks, Scott
>

9421. Re: Adding IF out jack to TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-11 00:57:15 UTC
From: Scott
Topic: 9417 Message: 9421

Thanks Bryan for the detailed answer. I am new to all this and that explanation helps me to understand whats going on. Looks like I am going to be looking for an 850. Sucks since I just got my 450 working good. Oh well. Scott

--- In TS-850_450_690@yahoogroups.com, "Bryan" <bswadener@...> wrote:
>
> Hi Scott,
>
> The short answer is no. The frequency scheme for the TS450 is different than my TS850.
>
> While both rigs are triple conversion (1st IF = 73.05 MHz, 2nd IF = 8.83 MHz, 3rd IF = 455 KHz), the TS450 doesn't give you any easy way to get any wideband signal past the "roofing filter" in the 1st IF. Sure, you can tap into the output of the 2nd mixer but you'll be limited to the bandwidth of MC3 in the 1st IF (refer to Page 12 in the Service Manual).
>
> What's different about the TS850? It has to do with the noise blanker circuit. The 850 taps off of the 1st IF ahead of the filter, mixes it down to 8.83 MHz, and then does the noise blanking. This also gives us a convenient place to connect our Panadapter/Bandscope. It's also NOT in the AGC loop - AGC action from strong signals in the passband will cause your Panadapter display to pump downward in level. You don't want that. The TS450 doesn't have this extra mixer circuit. If you tap off the 2nd IF (ahead of the 8.83 MHz filter), you'll see only what the roofing filter will let you see... probably about +/- 10KHz. I wish I had better news for you!
>
> 73,
> Bryan WA7PRC
>
> --- In TS-850_450_690@yahoogroups.com, Scott wrote:
> >
> > Just wondering if anyone knows how to add an IF out jack to a 450? I have a SM-220 for my TS-830s and it shows in the monitors manual how to add a jack to a TS-530s. Does anyone know if one can be added to a 450S and maybe how to do it? Dont really want to go up to an 850 since I just got the 450 all fixed up. Thanks, Scott
> >
>

9422. Parts needed for TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-15 02:42:54 UTC
From: whaletail60
Topic: 9422 Message: 9422

I am looking for a part for the TS-450s. the mic gain switch broken shaft and need to repair it. Looking at the service book page 113 it shows that part number is X41-317 D/5 .

This seem to be a group of (4) four switches. The group number on page 113 of the manual is 200 I am also looking for the C/5 pot or switch.

This radio was used at our field day and fell and broke the shaft of the mic gain plus jammed the top right pot making it hard to operate (not sure what this pot does because I don't have it in my possession). It belongs to a member in the club and we are trying to repair it for him.

We need your help in finding these switches and pot.

Thanks 73s

Wayne Alley K4MGE

9423. TS-450S CW Operation Evaluation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-15 03:36:13 UTC
From: Paul
Topic: 9423 Message: 9423

Hello Everyone - Here is my first post to the list. I am the second owner of a like-new TS-450S/AT that will arrive next week. I am interested in opinions and experiences using this radio for CW. Not contesting but, just good performance for a casual brass pounder.

My 'new' 450 replaces the TS-570D/G I sold last week. I decided to digress to the 450 because I just got bored and needed a change. :) I have owned a TS-440 and TS-530 in my time and enjoyed both of them. Thanks ahead of time for your comments and experiences.

73, Paul Cavnar - K7IN
Cold Springs, Nevada

9424. Re: [TS-850_450_690] TS-450S CW Operation Evaluation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-15 16:06:40 UTC
From: Tom Osborne
Topic: 9423 Message: 9424

Hello Everyone - Here is my first post to the list. I am the second owner of a like-new TS-450S/AT that will arrive next week. I am interested in opinions and experiences using this radio for CW. Not contesting but, just good performance for a casual brass pounder.

Hi Paul

I have 2 TS-450SAT's here and I really like them. I have all the filter slots filled, which makes it even a better rig. I do about 75% CW ahd 20% RTTY and maybe 5% SSB. I have full computer control of both rigs and it works great!

I have the 250 cycle Inrad filter in 1 radio and the Kenwood 500 cycle filter in the other. If you were to purchase filters, I'd definately go with the Inrad over the Kenwood. My 500 Kenwood filter says 500 cycles, but I'll bet it's closer to 6 or 700 cycles wide.

In short, I really like my '450's. I have a FT-450 and if I can unload that radio, I'll probably get another TS-450 or 690. 73
Tom W7WHY

9425. Re: [TS-850_450_690] TS-450S CW Operation Evaluation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-15 18:05:45 UTC
From: Tom Waraksa
Topic: 9423 Message: 9425

Paul,

I acquired a TS-450SAT a few months ago and love it. My other main rig is a TS-820S. I work primarily CW but am not an avid DXer or contester. I found early on that I needed to add a CW filter since the rig came with none. Based on a QST product review from some years ago, I opted for the 500Hz filter for the 8.3kHz IF. I found it either on eBay or QRZ for $100 including shipping. Now I could not be happier. Enjoy.

Tom - AF8P

--- On Thu, 7/15/10, Paul <k7in@att.net> wrote:

From: Paul <k7in@...>
Subject: [TS-850_450_690] TS-450S CW Operation Evaluation
To: TS-850_450_690@yahoogroups.com
Date: Thursday, July 15, 2010, 3:36 AM

Hello Everyone - Here is my first post to the list. I am the second owner of a like-new TS-450S/AT that will arrive next week. I am interested in opinions and experiences using this radio for CW. Not contesting but, just good performance for a casual brass pounder.

My 'new' 450 replaces the TS-570D/G I sold last week. I decided to digress to the 450 because I just got bored and needed a change. :) I have owned a TS-440 and TS-530 in my time and enjoyed both of them. Thanks ahead of time for your comments and experiences.

73, Paul Cavnar - K7IN
Cold Springs, Nevada

[Non-text portions of this message have been removed]

9426. Re: [TS-850_450_690] Parts needed for TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-15 19:12:34 UTC
From: Dave ve3wej
Topic: 9422 Message: 9426

did you check to see if the part is available at Kenwoodparts.com

----- Original Message -----
From: "whaletail60" <k4mge@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 14, 2010 10:42 PM
Subject: [TS-850_450_690] Parts needed for TS-450s

>I am looking for a part for the TS-450s. the mic gain switch broken
>shaft and need to repair it. Looking at the service book page 113 it shows
>that part number is X41-317 D/5 .
>
> This seem to be a group of (4) four switches. The group number on page
> 113 of the manual is 200 I am also looking for the C/5 pot or switch.
>
> This radio was used at our field day and fell and broke the shaft of the
> mic gain plus jammed the top right pot making it hard to operate (not
> sure what this pot does because I don't have it in my possession). It
> belongs to a member in the club and we are trying to repair it for him.
>
> We need your help in finding these switches and pot.
>
> Thanks 73s
>
> Wayne Alley K4MGE
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9427. Re: Parts needed for TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-15 20:36:01 UTC
From: whaletail60
Topic: 9422 Message: 9427

Thanks but no such luck still looking maybe somone has a parts radio out there would like to sell these parts X41-3170-00D/5 AND the c/5.

Please help on this one.
K4MGE

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> did you check to see if the part is available at Kenwoodparts.com
>
>
> ----- Original Message -----
> From: "whaletail60" <k4mge@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, July 14, 2010 10:42 PM
> Subject: [TS-850_450_690] Parts needed for TS-450s
>
>
> >I am looking for a part for the TS-450s. the mic gain switch broken
> >shaft and need to repair it. Looking at the service book page 113 it shows
> >that part number is X41-317 D/5 .
> >
> > This seem to be a group of (4) four switches. The group number on page
> > 113 of the manual is 200 I am also looking for the C/5 pot or switch.
> >
> > This radio was used at our field day and fell and broke the shaft of the
> > mic gain plus jammed the top right pot making it hard to operate (not
> > sure what this pot does because I don't have it in my possession). It
> > belongs to a member in the club and we are trying to repair it for him.
> >
> > We need your help in finding these switches and pot.
> >
> > Thanks 73s
> >
> > Wayne Alley K4MGE
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >

>

9428. 450s display unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-16 21:29:21 UTC
From: n9pgo@att.net
Topic: 9428 Message: 9428

Looking for a display unit for a 450s. Mine has a few digi's that stay on even without the rom installed. Doesn't effect the performance but just annoying. Parts radio (with a good display) also considered.

Thanks,

n9pgo

9429. wtb ts 850sat AND DSP 100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-21 10:15:53 UTC
From: paim
Topic: 9429 Message: 9429

looking for ts 850 in nice condition as well dsp 100
uk england only please
please send pic and price
many thanks

E.P

[Non-text portions of this message have been removed]

9430. TS 850 / FT 990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-22 06:01:32 UTC
From: eagle one
Topic: 9430 Message: 9430

Hi gang!

Has anyone had any experience using both of the above? Would appreciated your views on the two. Have the TS B2000X and FT 857D, but looking for something straight forward - I am old fashion. Regards.

Hanafi

9431. off topic TS-790E problem (PLL on startup)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-22 09:20:46 UTC
From: vojtech
Topic: 9431 Message: 9431

Hello Group,
I have the TS-790E, using it from time to time for AMSAT satelite QSOs. I have some time before mentioned a problem with 23cm module, where after setting on the display there were only points and audio muted. What is interesting, that after few minutes, when I push power on/off button, it starts to work and stays hours. I suspect some VCO getting out from range, but the problem disappeared so fast, that there was no chance to open the radio and measure it.
Last time after maybe 2 months period standing I have mentioned this 23cm dots again, but a next error- an unclear CW signal on 70cm, although in this case display was okay, it seems like a sidebands around the main carrier.
The second day after this awakness the radio started on all bands without problems. Maybe some electrolytics get formed???

I would like to ask somebody here (who had the TS-790), if there are similar issues with electrolytic caps and so on, which should be replaced or revised, because this radio is sure in the age of TS-850.

I will be happy for any info,

OK1VAW, Vojtech, Prague.

9432. Re: [TS-850_450_690] TS 850 / FT 990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-22 14:56:22 UTC
From: Ed Sherlock
Topic: 9430 Message: 9432

I don't have much operating time on either rig, but have owned both. Happy with both, but the FT-990 was AC only, and therefore not easily useable at Field Day on battery. TS is a bit smaller than the FT, both have all the knobs and switches instead of hidden menus, a plus for me. Both has an auto antenna tuner, and the FT can be had with a DC input to make them equivalent. Either rig is great at home, easy to use without the manual. If you are choosing between them, flip a coin! Enjoy!

73 de K6ESS
Ed Sherlock
Tucson AZ

_____
Natural Arthritis Cure
Say goodbye arthritis drugs. Aches disappear with raisin remedy.
http://thirdpartyoffers.juno.com/TGL3131/4c485c6e6ea7c3d8eb7st02duc

[Non-text portions of this message have been removed]

9433. Re: [TS-850_450_690] TS 850 / FT 990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-22 21:46:14 UTC
From: Dave ve3wej
Topic: 9430 Message: 9433

a local is using both

----- Original Message -----
From: "eagle one" <foxbat_alpha@...>
To: <ts-850_450_690@yahoogroups.com>
Sent: Thursday, July 22, 2010 2:01 AM
Subject: [TS-850_450_690] TS 850 / FT 990

> Hi gang!
>
> Has anyone had any experience using both of the above? Would appreciated
> your views on the two. Have the TS B2000X and FT 857D, but looking for
> something straight forward - I am old fashion. Regards.
>
> Hanafi
>
>
>
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9434. Re: [TS-850_450_690] TS 850 / FT 990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-22 22:16:26 UTC
From: John Kramer
Topic: 9430 Message: 9434

I have both in my shack. The TS-850 I have had since new in 1993, and the FT-990
I bought new, still boxed, last year (sat in someones closet all the years)

In my opinion, both of these rigs are excellent - possibly the two best mid-range rigs
from the 90's, that are still very competitive today. In fact the TS-850 is a favorite
amongst the audiophiles that strive for the best sounding audio.

I really would be hard pressed to choose between the two...

I preferred my TS-850SAT to a new TS-950SD I bought, then sold......and
I prefer my FT-990 AC/DC to it's big brother FT-1000D that I also have.

The 850 IMO has better sounding TX audio, the 990 is more versatile operating on 12v
or on 110v (850 only operates on 12v), both have excellent ATU's built-in....better than
the
current new rigs, I prefer the 990's old BIG analogue style meter to the 850's bar
graph.....
it's a tossup between the two.

73

John, ZS5J and C91J

On 22 Jul 2010, at 11:46 PM, Dave ve3wej wrote:

> a local is using both
>
> ----- Original Message -----
> From: "eagle one" <foxbat_alpha@...>
> To: <ts-850_450_690@yahoogroups.com>
> Sent: Thursday, July 22, 2010 2:01 AM
> Subject: [TS-850_450_690] TS 850 / FT 990
>
> > Hi gang!
> >
> > Has anyone had any experience using both of the above? Would appreciated
> > your views on the two. Have the TS B2000X and FT 857D, but looking for
> > something straight forward - I am old fashion. Regards.
> >
> > Hanafi
> >
> >
> >
> >
> >
> >
> >

> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

9435. LDG KT-100 Tuner For TS-850S/450S/690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-24 11:47:38 UTC
From: Crownhaven
Topic: 9435 Message: 9435

I have an LDG KT-100 tuner for sale. It is a tuner developed by LDG to specifically interface with a Kenwood radio. The tuner is operated from the front panel of your Kenwood. It works great if you have a radio without the internal tuner and want an auto-tuner. I used this one until I replaced it with the internal tuner on my TS-850S. It is in perfect condition. $150.00.

http://www.ldgelectronics.com/c/252/products/1/42/1

Steve, N4JQQ

9436. Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-26 02:23:43 UTC
From: Scott
Topic: 9436 Message: 9436

I just got a computer all set up for hrd and cant get it to talk to my 450. I got the if 232 cable from affordable radio on ebay it is the USB cable. Also cant get my mfj-1279 to work either. Any help would be appreciated. Thanks, Scott

9437. Re: [TS-850_450_690] Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-26 19:13:24 UTC
From: Dave ve3wej
Topic: 9436 Message: 9437

check com ports, kenwood 4800,8,n,2

if they are on usb ports, there may be a conflict with modem...

hrd has an auto search did you try it.

AND are you sure the if232c works

----- Original Message -----
From: "Scott" <johndeeredman@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, July 25, 2010 10:23 PM
Subject: [TS-850_450_690] Need help getting HRD v5 to talk to TS-450s

>I just got a computer all set up for hrd and cant get it to talk to my 450.
>I got the if 232 cable from affordable radio on ebay it is the USB cable.
>Also cant get my mfj-1279 to work either. Any help would be appreciated.
>Thanks, Scott
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9438. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-26 12:45:51 UTC
From: Scott
Topic: 9436 Message: 9438

Just a note, I got the radio talking to the computer through the MFJ sound card interface and was working psk31 last night. Still cant get hrd to communicate with the rig through the accy 1 jack or connect to hrd for a fact. Running windows xp.

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> I just got a computer all set up for hrd and cant get it to talk to my 450. I got the if 232 cable from affordable radio on ebay it is the USB cable. Also cant get my mfj-1279 to work either. Any help would be appreciated. Thanks, Scott
>

9439. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 04:33:14 UTC
From: ah6rr1
Topic: 9436 Message: 9439

To get HRD to work you need to select the radio ts-450s baud 4800 parity none and stop bits 1 also check CTS and RTS if your interface cable is working it shoul talk to HRD just fine. Also since yours is a USB make sure you pick the comm port that the computer assigned to the USB interface.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> Just a note, I got the radio talking to the computer through the MFJ sound card interface and was working psk31 last night. Still cant get hrd to communicate with the rig through the accy 1 jack or connect to hrd for a fact. Running windows xp.
>
> --- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@> wrote:
> >
> > I just got a computer all set up for hrd and cant get it to talk to my 450. I got the if 232 cable from affordable radio on ebay it is the USB cable. Also cant get my mfj-1279 to work either. Any help would be appreciated. Thanks, Scott
> >
>

9440. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 04:36:44 UTC
From: Tom Osborne
Topic: 9436 Message: 9440

Hi Scott

Did you do the autodetect with HRD as someone else mentioned? Did you get the drivers for the USB adapter? If it sets up a USB comport, you may have to go to device manager and install the software for the serial port. 73
Tom W7WHY

Just a note, I got the radio talking to the computer through the MFJ sound card interface and was working psk31 last night. Still cant get hrd to communicate with the rig through the accy 1 jack or connect to hrd for a fact. Running windows xp.

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> I just got a computer all set up for hrd and cant get it to talk to my
> 450. I got the if 232 cable from affordable radio on ebay it is the USB
> cable. Also cant get my mfj-1279 to work either. Any help would be
> appreciated. Thanks, Scott
>

THANKS FOR USING TS-850_450_690@...! Groups Links

9441. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 04:56:37 UTC
From: Scott
Topic: 9436 Message: 9441

I got the driver for the cable and all. Tried so many things cant remember them all. I ordered a different cable that is serial instead of USB from the fellow in the UK. I am thinking that the cable may be defective. Have to wait now on the slow boat to arrive and cross the fingers.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Scott
>
> Did you do the autodetect with HRD as someone else mentioned? Did you get
> the drivers for the USB adapter? If it sets up a USB comport, you may have
> to go to device manager and install the software for the serial port. 73
> Tom W7WHY
>
>
>
>
> Just a note, I got the radio talking to the computer through the MFJ sound
> card interface and was working psk31 last night. Still cant get hrd to
> communicate with the rig through the accy 1 jack or connect to hrd for a
> fact. Running windows xp.
>
> --- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@> wrote:
> >
> > I just got a computer all set up for hrd and cant get it to talk to my
> > 450. I got the if 232 cable from affordable radio on ebay it is the USB
> > cable. Also cant get my mfj-1279 to work either. Any help would be
> > appreciated. Thanks, Scott
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

9442. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 15:18:16 UTC
From: Josh Gibbs
Topic: 9436 Message: 9442

Good to know - I was about to order the same cable off Ebay for my TS-450S! Did you contact the seller and see if he will take it back or do an exchange?

Any one else have any luck with that cable?

The seller is 'afordableradio' and has a ton of positive feedback, so perhaps you just got a bad one?

-Josh KD7PAJ

> I got the driver for the cable and all. Tried so many things cant remember them all. I ordered a different cable that is serial instead of USB from the fellow in the UK. I am thinking that the cable may be defective. Have to wait now on the slow boat to arrive and cross the fingers.

9443. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 15:20:09 UTC
From: Tom Osborne
Topic: 9436 Message: 9443

Hey, that is a good cable. I have 3 of them here. Only took 6 days from the U.K. to Oregon. Neal is pretty fast on shipping and really stands behind his product. 73
Tom W7WHY

I got the driver for the cable and all. Tried so many things cant remember them all. I ordered a different cable that is serial instead of USB from the fellow in the UK. I am thinking that the cable may be defective. Have to wait now on the slow boat to arrive and cross the fingers.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Scott
>
>

9444. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 15:33:13 UTC
From: Scott
Topic: 9436 Message: 9444

The first cable I got, I got from the fellow in Canada. It is a USB. I ordered another cable from g4zlp from the UK that is a serial cable. My computer is seeing the radio as some kind of mouse through the USB cable. Hopefully the serial cable will fix my problems.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hey, that is a good cable. I have 3 of them here. Only took 6 days from
> the U.K. to Oregon. Neal is pretty fast on shipping and really stands
> behind his product. 73
> Tom W7WHY
>
>
>
> I got the driver for the cable and all. Tried so many things cant remember
> them all. I ordered a different cable that is serial instead of USB from the
> fellow in the UK. I am thinking that the cable may be defective. Have to
> wait now on the slow boat to arrive and cross the fingers.
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi Scott
> >
> >
>

9445. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 18:17:19 UTC
From: CISCO GEEK
Topic: 9436 Message: 9445

How to check if the if232c works?

Thanks, David= montgomeryalabama@hotmail.com

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> check com ports, kenwood 4800,8,n,2
>
>
> if they are on usb ports, there may be a conflict with modem...
>
>
> hrd has an auto search did you try it.
>
> AND are you sure the if232c works
>
> ----- Original Message -----
> From: "Scott" <johndeeredman@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, July 25, 2010 10:23 PM
> Subject: [TS-850_450_690] Need help getting HRD v5 to talk to TS-450s
>
>
> >I just got a computer all set up for hrd and cant get it to talk to my 450.
> >I got the if 232 cable from affordable radio on ebay it is the USB cable.
> >Also cant get my mfj-1279 to work either. Any help would be appreciated.
> >Thanks, Scott
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9446. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 19:23:09 UTC
From: Dave ve3wej
Topic: 9436 Message: 9446

still sounds like com port incorrect or baud rates are wrong

9447. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 21:06:40 UTC
From: Kim Wind
Topic: 9436 Message: 9447

Hello

I have sometimes the same with my TS850S but I just go into the controlpanel
delete the new mouse and then unplug the USB and plug it in again
 Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

From: Scott <johndeeredman@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, July 27, 2010 5:33:13 PM
Subject: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

The first cable I got, I got from the fellow in Canada. It is a USB. I ordered
another cable from g4zlp from the UK that is a serial cable. My computer is
seeing the radio as some kind of mouse through the USB cable. Hopefully the
serial cable will fix my problems.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hey, that is a good cable. I have 3 of them here. Only took 6 days from
> the U.K. to Oregon. Neal is pretty fast on shipping and really stands
> behind his product. 73
> Tom W7WHY
>
>
>
> I got the driver for the cable and all. Tried so many things cant remember
> them all. I ordered a different cable that is serial instead of USB from the
> fellow in the UK. I am thinking that the cable may be defective. Have to
> wait now on the slow boat to arrive and cross the fingers.
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi Scott
> >
> >
>

[Non-text portions of this message have been removed]

9448. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 22:07:48 UTC
From: Scott
Topic: 9436 Message: 9448

I have have all the settings that should be. I dont know if the usb cable is bad or not. I just figured I would get a serial and try it. Heard some were having troubles with the cable. I dont know how to test the cable anyhow. I will try deleting the mouse and hooking the cable back up once more. I really wish there was a book somewhere for HRD so I could just sit down and read. I hate having to look everything up online. Call me old fashioned I guess. Thanks again, Scott

--- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@...> wrote:
>
> Hello
>
> I have sometimes the same with my TS850S but I just go into the controlpanel
> delete the new mouse and then unplug the USB and plug it in again
> Â Best regards
>
>
> oz1jux
>
>
> oz1jux@...
> http://oz1jux.qrz.dk
>
>
>
>
> _____
> From: Scott <johndeeredman@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Tue, July 27, 2010 5:33:13 PM
> Subject: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s
>
> Â
> The first cable I got, I got from the fellow in Canada. It is a USB. I ordered
> another cable from g4zlp from the UK that is a serial cable. My computer is
> seeing the radio as some kind of mouse through the USB cable. Hopefully the
> serial cable will fix my problems.
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hey, that is a good cable. I have 3 of them here. Only took 6 days from
> > the U.K. to Oregon. Neal is pretty fast on shipping and really stands
> > behind his product. 73
> > Tom W7WHY
> >
> >

> >
> > I got the driver for the cable and all. Tried so many things cant remember
> > them all. I ordered a different cable that is serial instead of USB from the
> > fellow in the UK. I am thinking that the cable may be defective. Have to
> > wait now on the slow boat to arrive and cross the fingers.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> > >
> > > Hi Scott
> > >
> > >
> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9449. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-27 22:37:48 UTC
From: ah6rr1
Topic: 9436 Message: 9449

I have one of G4ZLP's cables and they work great. He stands by his products 100%.

73 & GL.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> I have have all the settings that should be. I dont know if the usb cable is bad or not. I just figured I would get a serial and try it. Heard some were having troubles with the cable. I dont know how to test the cable anyhow. I will try deleting the mouse and hooking the cable back up once more. I really wish there was a book somewhere for HRD so I could just sit down and read. I hate having to look everything up online. Call me old fashioned I guess. Thanks again, Scott
>
> --- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@> wrote:
> >
> > Hello
> >
> > I have sometimes the same with my TS850S but I just go into the controlpanel
> > delete the new mouse and then unplug the USB and plug it in again
> > Â Best regards
> >
> >
> > oz1jux
> >
> >
> > oz1jux@
> > http://oz1jux.qrz.dk
> >
> >
> >
> >
> > _____
> > From: Scott <johndeeredman@>
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tue, July 27, 2010 5:33:13 PM
> > Subject: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s
> >
> > Â
> > The first cable I got, I got from the fellow in Canada. It is a USB. I ordered
> > another cable from g4zlp from the UK that is a serial cable. My computer is
> > seeing the radio as some kind of mouse through the USB cable. Hopefully the
> > serial cable will fix my problems.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:

> > >
> > > Hey, that is a good cable. I have 3 of them here. Only took 6 days from
> > > the U.K. to Oregon. Neal is pretty fast on shipping and really stands
> > > behind his product. 73
> > > Tom W7WHY
> > >
> > >
> > >
> > > I got the driver for the cable and all. Tried so many things cant remember
> > > them all. I ordered a different cable that is serial instead of USB from the
> > > fellow in the UK. I am thinking that the cable may be defective. Have to
> > > wait now on the slow boat to arrive and cross the fingers.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> > > >
> > > > Hi Scott
> > > >
> > > > >
> > > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
>

9450. AT-850 Tuner Issue MARS mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 00:11:09 UTC
From: Crownhaven
Topic: 9450 Message: 9450

My TS-850S has the MARS mod. I'm a member. I put an AT-850 tuner in it but the tuner will not tune outside of the amateur bands. My other 850 will tune outside of the amateur bands, anywhere I attempt to use it. What am I doing wrong here??????

Steve, N4JQQ

9451. Re: [TS-850_450_690] AT-850 Tuner Issue MARS mod/More

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 00:22:20 UTC
From: Crownhaven
Topic: 9450 Message: 9451

I notice it will tune outside the amateur bands on some freqs. However,
it will not tune a 4 MHz freq that we use for Navy MARS. Stops tuning
at 3.999.

Thanks

On 7/27/2010 7:11 PM, Crownhaven wrote:
>
> My TS-850S has the MARS mod. I'm a member. I put an AT-850 tuner in it
> but the tuner will not tune outside of the amateur bands. My other 850
> will tune outside of the amateur bands, anywhere I attempt to use it.
> What am I doing wrong here??????
>
> Steve, N4JQQ
>
>

[Non-text portions of this message have been removed]

9452. Re: [TS-850_450_690] AT-850 Tuner Issue MARS mod/Question Answered

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 00:29:12 UTC
From: Crownhaven
Topic: 9450 Message: 9452

I dug back into the archives and Clif answered this question for me sometime in the past but it was about the 450. My other 850 tunes above 4.000. My second one doesn't. Does anyone out there have the same situation going on?????

Not sure anything can be done about it though.

Steve, N4JQQ

>> Begin archived material <<

The 850 manual shows it switches the same as the 450. The 870 switches at 4.5. Who says Kenwood doesn't listen. Since there are several revisions of the 850 software it could be that the later rev's also switched at 4.5. My SM is an early one and Kenwood doesn't always tell what all they did in the revisions. I've never actually measured it.

Clif Holland KA5IPF
www.avvid.com

At exactly 4.000.000 mHz the 450 tuner switches to the 40m configuration which is optimized for 7.150.000. That's why it will tune at 3.999.999 and not at 4.000.000

The 850 manual shows it switches the same as the 450. The 870 switches at 4.5. Who says Kenwood doesn't listen. Since there are several revisions of the 850 software it could be that the later rev's also switched at 4.5. My SM is an early one and Kenwood doesn't always tell what all they did in the revisions. I've never actually measured it....

On 7/27/2010 7:11 PM, Crownhaven wrote:

> My TS-850S has the MARS mod. I'm a member. I put an AT-850 tuner in it
> but the tuner will not tune outside of the amateur bands. My other 850
> will tune outside of the amateur bands, anywhere I attempt to use it.
> What am I doing wrong here??????
>
> Steve, N4JQQ
>
>

[Non-text portions of this message have been removed]

9453. Re: AT-850 Tuner Issue MARS mod/Question Answered

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 01:31:41 UTC
From: avvidclif
Topic: 9450 Message: 9453

Look at the Eprom, it could be you need a later version. The 850 has several versions.

Clif

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I dug back into the archives and Clif answered this question for me
> sometime in the past but it was about the 450. My other 850 tunes above
> 4.000. My second one doesn't. Does anyone out there have the same
> situation going on?????
>
> Not sure anything can be done about it though.
>
> Steve, N4JQQ
>
> >> Begin archived material <<
>
> The 850 manual shows it switches the same as the 450. The 870 switches
> at 4.5. Who says Kenwood doesn't listen. Since there are several
> revisions of the 850 software it could be that the later rev's also
> switched at 4.5. My SM is an early one and Kenwood doesn't always tell
> what all they did in the revisions. I've never actually measured it.
>
> Clif Holland KA5IPF
> www.avvid.com
>
> At exactly 4.000.000 mHz the 450 tuner switches to the 40m configuration
> which is optimized for 7.150.000. That's why it will tune at 3.999.999
> and not at 4.000.000
>
> The 850 manual shows it switches the same as the 450. The 870 switches at
> 4.5. Who says Kenwood doesn't listen. Since there are several revisions of
> the 850 software it could be that the later rev's also switched at 4.5. My
> SM is an early one and Kenwood doesn't always tell what all they did in the
> revisions. I've never actually measured it....
>
> On 7/27/2010 7:11 PM, Crownhaven wrote:
>
> > My TS-850S has the MARS mod. I'm a member. I put an AT-850 tuner in it
> > but the tuner will not tune outside of the amateur bands. My other 850
> > will tune outside of the amateur bands, anywhere I attempt to use it.
> > What am I doing wrong here??????
> >
> > Steve, N4JQQ
> >

> >
>
>
> [Non-text portions of this message have been removed]
>

9454. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 11:15:39 UTC
From: Bud Haynes
Topic: 9436 Message: 9454

On 7/27/2010 4:07 PM, Scott wrote:
>
> I have have all the settings that should be. I dont know if the usb
> cable is bad or not. I just figured I would get a serial and try it.
> Heard some were having troubles with the cable. I dont know how to
> test the cable anyhow. I will try deleting the mouse and hooking the
> cable back up once more. I really wish there was a book somewhere for
> HRD so I could just sit down and read. I hate having to look
> everything up online. Call me old fashioned I guess. Thanks again, Scott
>
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Had the same problem, installed a serial card and no more problems.

****

Please support bestfriends.org A NO KILL Animal Sanctuary in Kanab, UT

[Non-text portions of this message have been removed]

9455. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 15:06:07 UTC
From: harveywizbang@aol.com
Topic: 9436 Message: 9455

Are you using a serial to usb adapter or a cable that has a usb
connection? I got a converter cable from G4ZLP that didn't work.

In a message dated 7/28/2010 5:19:07 A.M. Mountain Daylight Time,
kv7g@netcommander.com writes:

On 7/27/2010 4:07 PM, Scott wrote:
>
> I have have all the settings that should be. I dont know if the usb
> cable is bad or not. I just figured I would get a serial and try it.
> Heard some were having troubles with the cable. I dont know how to
> test the cable anyhow. I will try deleting the mouse and hooking the
> cable back up once more. I really wish there was a book somewhere for
> HRD so I could just sit down and read. I hate having to look
> everything up online. Call me old fashioned I guess. Thanks again, Scott
>
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
Had the same problem, installed a serial card and no more problems.
****
Please support bestfriends.org A NO KILL Animal Sanctuary in Kanab, UT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9456. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 16:14:48 UTC
From: Scott
Topic: 9436 Message: 9456

No adapter. Just a usb cable. Got a serial cable on the way. The usb cable is actually locking up my computer so I removed it.

--- In TS-850_450_690@yahoogroups.com, harveywizbang@... wrote:
>
> Are you using a serial to usb adapter or a cable that has a usb
> connection? I got a converter cable from G4ZLP that didn't work.
>
>
> In a message dated 7/28/2010 5:19:07 A.M. Mountain Daylight Time,
> kv7g@... writes:
>
>
>
>
> On 7/27/2010 4:07 PM, Scott wrote:
> >
> > I have have all the settings that should be. I dont know if the usb
> > cable is bad or not. I just figured I would get a serial and try it.
> > Heard some were having troubles with the cable. I dont know how to
> > test the cable anyhow. I will try deleting the mouse and hooking the
> > cable back up once more. I really wish there was a book somewhere for
> > HRD so I could just sit down and read. I hate having to look
> > everything up online. Call me old fashioned I guess. Thanks again, Scott
> >
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> Had the same problem, installed a serial card and no more problems.
> **
> Please support bestfriends.org A NO KILL Animal Sanctuary in Kanab, UT
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9457. Re: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 16:40:01 UTC
From: Tom Osborne
Topic: 9436 Message: 9457

No adapter. Just a usb cable. Got a serial cable on the way. The usb cable is actually locking up my computer so I removed it.

Hi Scott

Sometimes it helps if you go into control panel/hardware/device manager and click om the USB controller list. Right click 'USB hub', click properties and open the power management tab. Make sure that the 'Allow computer to turn off the device to save power' box is not checked. If it is not used for a while, it will shut down and can lock up the computer. 73

Tom W7WHY

9458. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 17:20:28 UTC
From: CISCO GEEK
Topic: 9436 Message: 9458

anyone know the pinout of the cable from afforadable radio? Mine can't communicate with the tranceiver either.

David

--- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@...> wrote:
>
> Just a note, I got the radio talking to the computer through the MFJ sound card interface and was working psk31 last night. Still cant get hrd to communicate with the rig through the accy 1 jack or connect to hrd for a fact. Running windows xp.
>
> --- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@> wrote:
> >
> > I just got a computer all set up for hrd and cant get it to talk to my 450. I got the if 232 cable from affordable radio on ebay it is the USB cable. Also cant get my mfj-1279 to work either. Any help would be appreciated. Thanks, Scott
> >
>

9459. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 17:15:00 UTC
From: CISCO GEEK
Topic: 9436 Message: 9459

I also got a bad cable, anyone know the pinouts, so I can troubleshoot what's wrong with the cable? Don't want to order another serial cable, I should be able to ring it out if I had what the pinout is on the DB9. Thanks, David

--- In TS-850_450_690@yahoogroups.com, harveywizbang@... wrote:
>
> Are you using a serial to usb adapter or a cable that has a usb
> connection? I got a converter cable from G4ZLP that didn't work.
>
>
> In a message dated 7/28/2010 5:19:07 A.M. Mountain Daylight Time,
> kv7g@... writes:
>
>
>
>
> On 7/27/2010 4:07 PM, Scott wrote:
> >
> > I have have all the settings that should be. I dont know if the usb
> > cable is bad or not. I just figured I would get a serial and try it.
> > Heard some were having troubles with the cable. I dont know how to
> > test the cable anyhow. I will try deleting the mouse and hooking the
> > cable back up once more. I really wish there was a book somewhere for
> > HRD so I could just sit down and read. I hate having to look
> > everything up online. Call me old fashioned I guess. Thanks again, Scott
> >
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> Had the same problem, installed a serial card and no more problems.
> **
> Please support bestfriends.org A NO KILL Animal Sanctuary in Kanab, UT
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9460. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-28 18:21:47 UTC
From: avvidclif
Topic: 9436 Message: 9460

Not being familiar with the cables everyone is talking about I have a question. Do they have the level conversion in them? The 450 puts out TTL data and the computer RS-232. They are not compatible. For that reason you can't do an ohmmeter check for continuity.

Clif

--- In TS-850_450_690@yahoogroups.com, "CISCO GEEK" <david.montgomery@...> wrote:
>
> I also got a bad cable, anyone know the pinouts, so I can troubleshoot what's wrong with the cable? Don't want to order another serial cable, I should be able to ring it out if I had what the pinout is on the DB9. Thanks, David
>
> --- In TS-850_450_690@yahoogroups.com, harveywizbang@ wrote:
> >
> > Are you using a serial to usb adapter or a cable that has a usb
> > connection? I got a converter cable from G4ZLP that didn't work.
> >
> >
> > In a message dated 7/28/2010 5:19:07 A.M. Mountain Daylight Time,
> > kv7g@ writes:
> >
> >
> >
> >
> > On 7/27/2010 4:07 PM, Scott wrote:
> > >
> > > I have have all the settings that should be. I dont know if the usb
> > > cable is bad or not. I just figured I would get a serial and try it.
> > > Heard some were having troubles with the cable. I dont know how to
> > > test the cable anyhow. I will try deleting the mouse and hooking the
> > > cable back up once more. I really wish there was a book somewhere for
> > > HRD so I could just sit down and read. I hate having to look
> > > everything up online. Call me old fashioned I guess. Thanks again, Scott
> > >
> > ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
> > Had the same problem, installed a serial card and no more problems.
> > **********
> > Please support bestfriends.org A NO KILL Animal Sanctuary in Kanab, UT
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >

> > [Non-text portions of this message have been removed]
> >
>

9461. TS-450 Intermittent signal problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-31 19:55:03 UTC
From: Paul
Topic: 9461 Message: 9461

Recently I purchased a used TS-450S/AT that I have had for about two weeks. The last couple of days I am having an intermittent signal problem. I can be listening to a station in any mode and the audio will cut out sounding like the squelch kicked in but, the indication on the S-Meter also shows zero when that happens.

I have discovered that a light tap on the radio brings the signal and sound back for anywhere from a couple of seconds to several minutes then, it happens again. I did discover that a light pressure pushing the front panel in causes the signal to come back and as long as I press on the front panel, anywhere, it functions as it is supposed to.

My thoughts are that there is a loose connection somewhere or possible a broken wire somewhere or a ground that may not be firm. So, if anyone has had experience with such a problem or can advise on what to look for, that would be very helpful. I am reluctant to open up the radio to work on it since I know nothing about troubleshooting solid state gear and have not done any troubleshooting in many years. I may have to do so if I intend on keeping the radio or I can probably return it and get my $$$ refunded.... I'd rather have the radio and have it working properly. Thanks ahead of time for help....

73, Paul Cavnar - K7IN
k7in [at] att [dot] net

9462. Re: [TS-850_450_690] TS-450 Intermittent signal problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-31 23:07:56 UTC
From: Bob Naylor
Topic: 9461 Message: 9462

Paul, Long shot and doesn't match your problem, but, is your VOX on? Bob WE6C

--- On Sat, 7/31/10, Paul <k7in@...> wrote:

From: Paul <k7in@...>
Subject: [TS-850_450_690] TS-450 Intermittent signal problem
To: TS-850_450_690@yahoogroups.com
Date: Saturday, July 31, 2010, 12:55 PM

Recently I purchased a used TS-450S/AT that I have had for about two weeks. The last couple of days I am having an intermittent signal problem. I can be listening to a station in any mode and the audio will cut out sounding like the squelch kicked in but, the indication on the S-Meter also shows zero when that happens.

I have discovered that a light tap on the radio brings the signal and sound back for anywhere from a couple of seconds to several minutes then, it happens again. I did discover that a light pressure pushing the front panel in causes the signal to come back and as long as I press on the front panel, anywhere, it functions as it is supposed to.

My thoughts are that there is a loose connection somewhere or possible a broken wire somewhere or a ground that may not be firm. So, if anyone has had experience with such a problem or can advise on what to look for, that would be very helpful. I am reluctant to open up the radio to work on it since I know nothing about troubleshooting solid state gear and have not done any troubleshooting in many years. I may have to do so if I intend on keeping the radio or I can probably return it and get my $$$ refunded.... I'd rather have the radio and have it working properly. Thanks ahead of time for help....

73, Paul Cavnar - K7IN

k7in [at] att [dot] net

[Non-text portions of this message have been removed]

9463. Re: [TS-850_450_690] TS-450 Intermittent signal problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-31 23:15:20 UTC
From: Jordan
Topic: 9461 Message: 9463

Sounds like the input line has broken...it's rather brittle wire...check the antenna input wiring and check for proper coninuity....73...Jordan VE6ZT

----- Original Message -----
From: Bob Naylor
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, July 31, 2010 5:07 PM
Subject: Re: [TS-850_450_690] TS-450 Intermittent signal problem

Paul, Long shot and doesn't match your problem, but, is your VOX on? Bob WE6C

--- On Sat, 7/31/10, Paul <k7in@...> wrote:

From: Paul <k7in@...>
Subject: [TS-850_450_690] TS-450 Intermittent signal problem
To: TS-850_450_690@yahoogroups.com
Date: Saturday, July 31, 2010, 12:55 PM

Recently I purchased a used TS-450S/AT that I have had for about two weeks. The last couple of days I am having an intermittent signal problem. I can be listening to a station in any mode and the audio will cut out sounding like the squelch kicked in but, the indication on the S-Meter also shows zero when that happens.

I have discovered that a light tap on the radio brings the signal and sound back for anywhere from a couple of seconds to several minutes then, it happens again. I did discover that a light pressure pushing the front panel in causes the signal to come back and as long as I press on the front panel, anywhere, it functions as it is supposed to.

My thoughts are that there is a loose connection somewhere or possible a broken wire somewhere or a ground that may not be firm. So, if anyone has had experience with such a problem or can advise on what to look for, that would be very helpful. I am reluctant to open up the radio to work on it since I know nothing about troubleshooting solid state gear and have not done any troubleshooting in many years. I may have to do so if I intend on keeping the radio or I can probably return it and get my $$$ refunded.... I'd rather have the radio and have it working properly. Thanks ahead of time for help....

73, Paul Cavnar - K7IN

k7in [at] att [dot] net

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9464. TS-690 LOW SSB OUTPUT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-31 22:39:36 UTC
From: TRALEAN
Topic: 9464 Message: 9464

Hi,
I know other TS-690 owners have had this problem. Can anyone tell me what components (capacitors) had to be replaced to correct problem. I have low recieve on all bands and low power out on SSB. FM and FSK has normal full power output. All knob settings for SSB operation have been set according to operation manual. Capacitors on IF and Carrier boards look okay.
KD6PPM

9465. Re: TS-690 LOW SSB OUTPUT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-31 23:32:18 UTC
From: Scott
Topic: 9464 Message: 9465

my450 was doing the same. Check to see if it is transmitting double sideband. A cap on the if board leaked out over a couple of the filters and was causing it to transmit double sideband.

--- In TS-850_450_690@yahoogroups.com, "TRALEAN" <tralean@...> wrote:
>
> Hi,
> I know other TS-690 owners have had this problem. Can anyone tell me what components (capacitors) had to be replaced to correct problem. I have low recieve on all bands and low power out on SSB. FM and FSK has normal full power output. All knob settings for SSB operation have been set according to operation manual. Capacitors on IF and Carrier boards look okay.
> KD6PPM
>

9466. Re: [TS-850_450_690] TS-450 Intermittent signal problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-07-31 23:41:42 UTC
From: Tom Osborne
Topic: 9461 Message: 9466

Wiggle the coax jack on the back. Sometimes the wire going from the jack to the board comes loose and has to be resoldered. 73
Tom W7WHY

Recently I purchased a used TS-450S/AT that I have had for about two weeks. The last couple of days I am having an intermittent signal problem. I can be listening to a station in any mode and the audio will cut out sounding like the squelch kicked in but, the indication on the S-Meter also shows zero when that happens.

9467. Re: [TS-850_450_690] TS-450 Intermittent signal problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-01 02:18:57 UTC
From: Paul Cavnar
Topic: 9461 Message: 9467

Thanks to those who offered suggestions on my problem. I checked the coax connector and it's internal lead and it is fine. I did discover an anomaly that I can't explain but, seems to have solved the problem.

I unplugged the SP-23 speaker to pull the radio out and check inside. When I did, the 'cutting out' symptoms stopped. However, I discovered that moving the speaker cable around and putting just a slight pressure on the plug would cause the cutting-out to recur. After checking the coax connection, putting the covers back on and plugging in the speaker, I cannot get the cutting-out problem to manifest itself again. Pressing and tapping on the radio have no effect. So, I am suspecting there may have been something going on with the speaker jack. What doesn't make sense is that the signal level drops off as well when it cuts out so, I am still left with a mystery. I have been listening and tuning the radio all afternoon on most bands and it has functioned flawlessly since I found the speaker plug connection. So, who knows. If and when it occurs again, I will go directly to the speaker jack next time the radio is opened and check all around that area.

73, Paul - K7IN

[Non-text portions of this message have been removed]

9468. Kenwood Ts-850s 1mh fixed inductor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-02 16:20:35 UTC
From: ve3vgi
Topic: 9468 Message: 9468

Hi To the group
Does anyone know where, I can order 1 mh fixed inductor, L606, on the X44B/4 board, for the TS-850s. I've found some but am not sure of what the current value of, the inductor is.
Tnx John VE3VGI

9469. Re: [TS-850_450_690] Kenwood Ts-850s 1mh fixed inductor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-02 18:00:47 UTC
From: Dave ve3wej
Topic: 9468 Message: 9469

did you check with www.kenwoodparts.com

also what about (dare I say) pulling from old cb radios....
(if the schematics are available to value check them....)

----- Original Message -----
From: "ve3vgi" <ve3vgi@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, August 02, 2010 12:20 PM
Subject: [TS-850_450_690] Kenwood Ts-850s 1mh fixed inductor

> Hi To the group
> Does anyone know where, I can order 1 mh fixed inductor, L606, on the
> X44B/4 board, for the TS-850s. I've found some but am not sure of what the
> current value of, the inductor is.
> Tnx John VE3VGI
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9470. Re: Need help getting HRD v5 to talk to TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-03 03:45:09 UTC
From: Scott
Topic: 9436 Message: 9470

Just an update, got the new cable from g4zlp and it worked the radio right off the get go. So the other cable is bad. Hopefully the seller will make it right. Scott

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> I have one of G4ZLP's cables and they work great. He stands by his products 100%.
>
> 73 & GL.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "Scott" <johndeeredman@> wrote:
> >
> > I have have all the settings that should be. I dont know if the usb cable is bad or not. I just figured I would get a serial and try it. Heard some were having troubles with the cable. I dont know how to test the cable anyhow. I will try deleting the mouse and hooking the cable back up once more. I really wish there was a book somewhere for HRD so I could just sit down and read. I hate having to look everything up online. Call me old fashioned I guess. Thanks again, Scott
> >
> > --- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@> wrote:
> > >
> > > Hello
> > >
> > > I have sometimes the same with my TS850S but I just go into the controlpanel
> > > delete the new mouse and then unplug the USB and plug it in again
> > > Â Best regards
> > >
> > >
> > > oz1jux
> > >
> > >
> > > oz1jux@
> > > http://oz1jux.qrz.dk
> > >
> > >
> > >
> > >
> > > _____
> > > From: Scott <johndeeredman@>
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Tue, July 27, 2010 5:33:13 PM
> > > Subject: [TS-850_450_690] Re: Need help getting HRD v5 to talk to TS-450s
> > >
> > > Â
> > > The first cable I got, I got from the fellow in Canada. It is a USB. I ordered

> > > another cable from g4zlp from the UK that is a serial cable. My computer is
> > > seeing the radio as some kind of mouse through the USB cable. Hopefully the
> > > serial cable will fix my problems.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> > > >
> > > > Hey, that is a good cable. I have 3 of them here. Only took 6 days from
> > > > the U.K. to Oregon. Neal is pretty fast on shipping and really stands
> > > > behind his product. 73
> > > > Tom W7WHY
> > > >
> > > >
> > > >
> > > > I got the driver for the cable and all. Tried so many things cant remember
> > > > them all. I ordered a different cable that is serial instead of USB from the
> > > > fellow in the UK. I am thinking that the cable may be defective. Have to
> > > > wait now on the slow boat to arrive and cross the fingers.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> > > > >
> > > > > Hi Scott
> > > > >
> > > > >
> > > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

9471. Re: Kenwood Ts-850s 1mh fixed inductor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-03 19:50:05 UTC
From: John
Topic: 9468 Message: 9471

--- In TS-850_450_690@yahoogroups.com, "ve3vgi" <ve3vgi@...> wrote:
>
> Hi To the group
> Does anyone know where, I can order 1 mh fixed inductor, L606, on the X44B/4 board, for the TS-850s. I've found some but am not sure of what the current value of, the inductor is.
> Tnx John VE3VGI
>
The schematic doesnt state that this inductor is different from any other 1mh fixed inductor on the board, so i would think any 1mh fixed inductor would do....even if it does come from a C.B,

9472. TS-450S - Need the display unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-03 22:18:07 UTC
From: n9pgo@att.net
Topic: 9472 Message: 9472

Anyone parting out a TS-450S?

I am looking for the display unit.

Would also consider a parts rig (with a good display).

Let me know what U have and the details.

Thanks,

n9pgo - Sandy

9474. User programmable functions (clarification)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-06 16:02:53 UTC
From: CISCO GEEK
Topic: 9474 Message: 9474

Just to add to the many posts about the user settings published on the Internet, about the TS-450 S/AT

We already know the four bootup functions: found in the service manual pages 42 & 43

1. Push Power-up + USB/LSB = Extended menu items 1-30

2. Push Power-up + M.IN key = Extended menu items 31-42

3. Push Power-up + Enter key = Filters and A.T. on/off menu items 1-4

4. Push Power-up + CLR + ENT = Full reset to factory defaults takes place

AND, the point of this post is to publish the following additional info.

Adjustment Functions menu items

5. Push Power-up + AIP + XIT + SCAN key = Transceiver adjustment mode. Menu Items 1-17 (found in the service manual on page 44). Keep in mind that after each toggle or adjustment in the adjustment mode, you must execute item #17, which is an EEPROM write, confirmation of the write to EEPROM will be a single beep, then proceed to the next item, writing to EEPROM each time any toggle or change is made.

Credit for items 1-4, couldn't be located, but NOT ME!! If anyone knows who originally posted the information on mods.dk <http://mods.dk/view.php?ArticleId=730> site please publish kudos to him or her. [:D]

73 de KJ4WKL

[Non-text portions of this message have been removed]

9475. TS-850S IF noise

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-08 19:27:30 UTC
From: sp2qot
Topic: 9475 Message: 9475

Hello, my name is Miro, SP2QOT. Thanks for letting me join the group.

Since I have been using "new" transceiver TS-850S, and noticed the following symptoms.

1)Too high level noise floor (broad band, white noise) generated after the 3rd IF filter. Noise is added continuously to the desired signal. I can hear it when RF Gain knob set 5 (12o'clock) position. It easy to notice wihout 500Hz 455kHz filter.
When RF Gain knob set on 0 (7 oclock) the noise disappears. In normal operation, when rotate RFgain from 10 to 0, i can notice,first attenuated 1st stage IF amplifier (with desire signal) and later next stage IF amp, and finally the last stage IF amp(RFgain knob 0). I also have a TS-450S that does not have these symptoms.

2) After turn on NOTCH filter, increase noise floor about 18db (also wideband noise). Notch works very efective, but the noise is tiring after a long time.The increase in noise level also in this case is most noticeable when the RF gain knob is set to 5

Any idea whats can be wrong? Or it is a normal?

Miro

9476. Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 12:37:49 UTC
From: joel
Topic: 9476 Message: 9476

My ts-450s have dots in start
Pleace Help!!!! Dots my ts-450s
joel
ce2jlb

9477. Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 12:37:27 UTC
From: joel
Topic: 9476 Message: 9477

My ts-450s have dots in start
Pleace Help!!!! Dots my ts-450s
joel
ce2jlb

9478. RE: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 12:59:20 UTC
From: Montgomery, David R Civ HQ 754 ELSG/DOX
Topic: 9476 Message: 9478

It's a 276.00 dollar repair at Kenwood East. VCO#5 and or #2 on the IF board is most likely "out of lock" meaning that it is lower than the 5.0 VDC required, you will find that when the VCO is out of lock, it will display dots on the display rather than digits.

Lots of information on the Web about this known issue.

73 de KJ4WKL

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of joel
Sent: Monday, August 09, 2010 7:38 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s

My ts-450s have dots in start
Pleace Help!!!! Dots my ts-450s
joel
ce2jlb

9479. Re: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 15:44:19 UTC
From: Zack Widup
Topic: 9476 Message: 9479

I don't have a 450 but I had this come up with my 440. In the case of the 440 they used a contact cement to hold most of the components down on the VCO boards. The stuff absorbs moisture, discolors and becomes conductive as it ages. I spent a couple weekends removing all the affetced components, scraping the glue off and putting them back on the boards. I had to replace a couple that had corroded leads due to the glue.

It only cost me a few dollars but occupied maybe 20 hours of time.

73, Zack W9SZ

On Mon, Aug 9, 2010 at 7:59 AM, Montgomery, David R Civ HQ 754 ELSG/DOX <david.montgomery@gunter.af.mil> wrote:

>
>
> It's a 276.00 dollar repair at Kenwood East. VCO#5 and or #2 on the IF
> board is most likely "out of lock" meaning that it is lower than the 5.0 VDC
> required, you will find that when the VCO is out of lock, it will display
> dots on the display rather than digits.
>
> Lots of information on the Web about this known issue.
>
> 73 de KJ4WKL
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>] On
> Behalf Of joel
> Sent: Monday, August 09, 2010 7:38 AM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s
>
> My ts-450s have dots in start
> Pleace Help!!!! Dots my ts-450s
> joel
> ce2jlb
>
>
>

[Non-text portions of this message have been removed]

9480. Re: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 15:46:13 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9476 Message: 9480

.I search but no information, send video
thanks
joel
2010/8/9 Montgomery, David R Civ HQ 754 ELSG/DOX <
david.montgomery@...>

>
>
> It's a 276.00 dollar repair at Kenwood East. VCO#5 and or #2 on the IF
> board is most likely "out of lock" meaning that it is lower than the 5.0 VDC
> required, you will find that when the VCO is out of lock, it will display
> dots on the display rather than digits.
>
> Lots of information on the Web about this known issue.
>
> 73 de KJ4WKL
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>] On
> Behalf Of joel
> Sent: Monday, August 09, 2010 7:38 AM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s
>
> My ts-450s have dots in start
> Pleace Help!!!! Dots my ts-450s
> joel
> ce2jlb
>
>
>

[Non-text portions of this message have been removed]

9481. Re: Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 16:29:52 UTC
From: dsh_0403
Topic: 9476 Message: 9481

--- In TS-850_450_690@yahoogroups.com, "Joel Fco. Lequiz Beiza <ce2jlb@...> wrote:
>
> .I search but no information, send video
> thanks
> joel
> 2010/8/9 Montgomery, David R Civ HQ 754 ELSG/DOX <
> david.montgomery@...>
>

Perhaps this will help.

http://groups.yahoo.com/group/TS-850_450_690/message/8312

9482. Current TS-850 parts and repair status

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 17:07:28 UTC
From: kb7oex
Topic: 9482 Message: 9482

Hello -
I've been away from HF for about 2 years and was wondering what the current outlook is for TS-850 parts. I see that Cliff at AVID is still providing his great service.....but what about parts...are we pretty much down to having one "parts" radio to keep anoither active TS-85o running or are there still some parts sources out there. I'm looking at getting another TS-850 is the reason I am asking. Kind regards to all and 73 de NZ7C

9483. Re: Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 17:26:30 UTC
From: w4jz
Topic: 9476 Message: 9483

Joel, you might try this first before adjusting anything. It fixed my father-in-laws 450 & it is still working after 1 1/2 year.

I sprayed freon, cool it in can, on the 8.375 Mhz crystal on the CAR board & rig started working.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "joel" <ce2jlb@...> wrote:
>
> My ts-450s have dots in start
> Pleace Help!!!! Dots my ts-450s
> joel
> ce2jlb
>

9484. Re: [TS-850_450_690] Re: Pleace Help!!!! Dots my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 18:32:08 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9476 Message: 9484

thanks, I purchased and proved

How do I check the voltage VCO?

atte
joel
ce2jlb

2010/8/9 w4jz <w4jz@...>

>
>
> Joel, you might try this first before adjusting anything. It fixed my
> father-in-laws 450 & it is still working after 1 1/2 year.
>
> I sprayed freon, cool it in can, on the 8.375 Mhz crystal on the CAR
> board & rig started working.
>
> Reed W4JZ
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "joel" <ce2jlb@...> wrote:
> >
> > My ts-450s have dots in start
> > Pleace Help!!!! Dots my ts-450s
> > joel
> > ce2jlb
> >
>
>
>

[Non-text portions of this message have been removed]

9485. TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 18:09:01 UTC
From: Montgomery, David R Civ HQ 754 ELSG/DOX
Topic: 9476 Message: 9485

Joel,

Try this link. http://www.mods.dk/index.php?ModelId=521&RadioRec=kenwood
Look at the article dated 08-12-2003 or 12-09-2007, for the Kenwood TS-440 S/AT. (More links at bottom of email)

Like the gentleman said earlier, it's the glue that Kenwood used to stabilize the VCO (voltage controlled oscillator) on the IF (intermediate frequency) board. Kenwood engineers apparently determined to be a requirement. Basing that decision on the fact that transceiver can be used in a mobile (bumpy) environment.

This glue hardens and becomes conductive over the years and causes leakage (conductive is a better word) from component to component, and thusly causing voltage variations, manifesting itself in the PLL (phase lock loop) circuit in which the PLL will not lock-up (normal voltage required for this PLL to lock-up is 5 volts DC) which in turn, causes dots to be displayed on the front display rather than digits.

The fix as stated earlier, is to carefully remove the components of the VCO from the IF board, VCO#5. Remove the glue, clean, dry and serviceable. Then, to re-solder. (As shown in the aforementioned articles.

My transceiver was sent to Kenwood for the repair, and others are lucky enough to have the time to fix.

Lessons learned in this DIY (do it yourself) job is that, some people either break the resistors when lifting them from the copper trace (circuit board) or the actual leads are corroded and break off, regardless of which one, if any, problem is realized, some folks have to buy new components which are obtainable at your local electronic store who should carry the basic generic parts which should have the same electrical values.

Take care, KJ4WKL-- David Montgomery

(The comments above are only my opinion; I take responsibility for nothing!)

email me directly at montgomeryalabama@...

Additional links:
www.radiomods.co.nz/kenwood/kenwoodts440.html

www.dxportal.com/stats/content/502821-ts-440s-display.html

www.oz1bxm.dk/TS440/ts440-repair.htm

www.kb2ljj.com/data/kenwood/ts-440.htm

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Joel Fco. Lequiz Beiza

Sent: Monday, August 09, 2010 10:46 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s

.I search but no information, send video
thanks
joel
2010/8/9 Montgomery, David R Civ HQ 754 ELSG/DOX <
david.montgomery@....mil <mailto:david.montgomery%40gunter.af.mil> >

>
>
> It's a 276.00 dollar repair at Kenwood East. VCO#5 and or #2 on the IF
> board is most likely "out of lock" meaning that it is lower than the 5.0 VDC
> required, you will find that when the VCO is out of lock, it will display
> dots on the display rather than digits.
>
> Lots of information on the Web about this known issue.
>
> 73 de KJ4WKL
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<TS-850_450_690%40yahoogroups.com>] On
> Behalf Of joel
> Sent: Monday, August 09, 2010 7:38 AM
> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Pleace Help!!!! Dots my ts-450s
>
> My ts-450s have dots in start
> Pleace Help!!!! Dots my ts-450s
> joel
> ce2jlb
>
>
>

[Non-text portions of this message have been removed]

9486. Re: TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 19:41:13 UTC
From: avvidclif
Topic: 9476 Message: 9486

About the only thing the 440 and the 450 have in common is the name on the front.

Clif

9487. Re: [TS-850_450_690] Re: TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 19:52:28 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9476 Message: 9487

ok ,
I'm confused
thanks

2010/8/9 avvidclif <clif@...>

>
>
> About the only thing the 440 and the 450 have in common is the name on the
> front.
>
> Clif
>
>
>

[Non-text portions of this message have been removed]

9488. Re: TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 19:58:10 UTC
From: avvidclif
Topic: 9476 Message: 9488

You have a TS450 and have been getting info on a TS440 which is invalid.

Clif

--- In TS-850_450_690@yahoogroups.com, "Joel Fco. Lequiz Beiza" <ce2jlb@...> wrote:
>
> ok ,
> I'm confused
> thanks
>
> 2010/8/9 avvidclif <clif@...>
>
> >
> >
> > About the only thing the 440 and the 450 have in common is the name on the
> > front.
> >
> > Clif
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9489. Re: [TS-850_450_690] Re: TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 20:14:48 UTC
From: Zack Widup
Topic: 9476 Message: 9489

Did they not use that contact cement in the 450? Hooray!

I know they did not use it in the 850.

73, Zack W9SZ

On Mon, Aug 9, 2010 at 2:58 PM, avvidclif <clif@...> wrote:

>
>
> You have a TS450 and have been getting info on a TS440 which is invalid.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Joel Fco. Lequiz Beiza" <ce2jlb@...> wrote:
> >
> > ok ,
> > I'm confused
> > thanks
> >
> > 2010/8/9 avvidclif <clif@...>
>
> >
> > >
> > > >
> > > > About the only thing the 440 and the 450 have in common is the name on
> the
> > > > front.
> > > >
> > > > Clif
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

9490. Re: [TS-850_450_690] Re: TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 20:08:54 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9476 Message: 9490

ok, hope helps

2010/8/9 avvidclif <clif@...>

>
>
> You have a TS450 and have been getting info on a TS440 which is invalid.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Joel Fco. Lequiz Beiza" <ce2jlb@...> wrote:
> >
> > ok ,
> > I'm confused
> > thanks
> >
> > 2010/8/9 avvidclif <clif@...>
>
> >
> > > >
> > > >
> > > > About the only thing the 440 and the 450 have in common is the name on
> the
> > > > front.
> > > >
> > > > Clif
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > >
>
>
>

[Non-text portions of this message have been removed]

9491. RE: [TS-850_450_690] Re: TS-440, Please Help!!!! Dots my TS-450s display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 20:16:38 UTC
From: Montgomery, David R Civ HQ 754 ELSG/DOX
Topic: 9476 Message: 9491

Back to you Clif!

The glue was omitted in the 450?

R/ David Montgomery KJ4WKL

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Zack Widup
Sent: Monday, August 09, 2010 3:15 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-440, Please Help!!!! Dots my TS-450s display

Did they not use that contact cement in the 450? Hooray!

I know they did not use it in the 850.

73, Zack W9SZ

On Mon, Aug 9, 2010 at 2:58 PM, avvidclif <clif@...> wrote:

>
>
> You have a TS450 and have been getting info on a TS440 which is invalid.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Joel Fco. Lequiz Beiza" <ce2jlb@...> wrote:
> >
> > ok ,
> > I'm confused
> > thanks
> >
> > 2010/8/9 avvidclif <clif@...>
>
> >
> > >
> > > >
> > > > About the only thing the 440 and the 450 have in common is the name on
> the
> > > > front.
> > > >
> > > > Clif

> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

9492. Re: [TS-850_450_690] Current TS-850 parts and repair status

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-09 22:02:05 UTC
From: Crownhaven
Topic: 9482 Message: 9492

Kenwood parts still has a lot of stuff but not everything. Some parts would have to come from another radio I imagine. I think Clif, when he answers, will be able to tell you what the problem parts might be.

Steve, N4JQQ

On 8/9/2010 12:07 PM, kb7oex wrote:
>
> Hello -
> I've been away from HF for about 2 years and was wondering what the
> current outlook is for TS-850 parts. I see that Cliff at AVID is still
> providing his great service.....but what about parts...are we pretty
> much down to having one "parts" radio to keep anoither active TS-85o
> running or are there still some parts sources out there. I'm looking
> at getting another TS-850 is the reason I am asking. Kind regards to
> all and 73 de NZ7C
>
>

[Non-text portions of this message have been removed]

9493. ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-10 02:15:15 UTC
From: wb2bm
Topic: 9493 Message: 9493

I have the famous alc and power fluctuation problem. Any thoughts on the replacement of this board? Is it possible to fix the old one or make one from scratch?
73, wb2bm

9494. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-10 04:07:47 UTC
From: avvidclif
Topic: 9493 Message: 9494

When a new board is abt $11???

Clif

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
> I have the famous alc and power fluctuation problem. Any thoughts on the replacement of this board? Is it possible to fix the old one or make one from scratch?
> 73, wb2bm
>

9495. Re: [TS-850_450_690] ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-10 05:06:24 UTC
From: Marty
Topic: 9493 Message: 9495

Having just gone thru this drill less than a month ago, go to Pacific Parts and buy the new board. It is in stock and costs $10.31 . There is very detailed instructions on replacing it. It takes about a half hr to do .

It is well worth it.
73
Marty
W8AKS

----- Original Message -----
From: wb2bm
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, August 10, 2010 2:15
Subject: [TS-850_450_690] ts-850s DC to DC board replacement.

I have the famous alc and power fluctuation problem. Any thoughts on the replacement of this board? Is it possible to fix the old one or make one from scratch?
73, wb2bm

[Non-text portions of this message have been removed]

9496. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 00:16:14 UTC
From: wb2bm
Topic: 9493 Message: 9496

Thank you for the replies. I asked because the replacement boards seem to fail quickly. I have been looking online and some last 6 months some last 6 years. I dont want to buy a 10 dollar part that i gotta keep 6 of them in stock because they are junk. Not to metion the time lost when the rig is down for repair.

Brian

9497. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 00:49:03 UTC
From: ah6rr1
Topic: 9493 Message: 9497

Aloha Brian,

I replaced mine with a new one 5 years ago and have not had a problem since. I did order 3 of them since at the time I had 2 850's so I have 2 left over just in case. I you have been having the boards fail it might be somteing else going on with the radio not the replacement boards. The way I figure it is I have spent $2 a year so far to keep my 850 up and running thats less than a medium coffee at starbucks.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
>
> Thank you for the replies. I asked because the replacement boards seem to fail quickly. I have been looking online and some last 6 months some last 6 years. I dont want to buy a 10 dollar part that i gotta keep 6 of them in stock because they are junk. Not to metion the time lost when the rig is down for repair.
>
> Brian
>

9498. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 00:58:46 UTC
From: avvidclif
Topic: 9493 Message: 9498

I've never had to replace one of the replacement boards. Where did you get your information?

As a side note the 850 is sensitive to voltage drops, at least the DC/DC board is. If it starts getting flaky go over all your power connections and tighten them up, replace the aisan fuses, tighten the connector on the back of the radio. I can make the board malfunction by dropping the voltage to around 11-12v. And guess when the most voltage drop occurs???

Clif

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
>
> Thank you for the replies. I asked because the replacement boards seem to fail quickly. I have been looking online and some last 6 months some last 6 years. I dont want to buy a 10 dollar part that i gotta keep 6 of them in stock because they are junk. Not to metion the time lost when the rig is down for repair.
>
> Brian
>

9499. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 01:05:35 UTC
From: ag1pct
Topic: 9493 Message: 9499

Before you change out the board - If you look in our files section under "Modifications", there is a section called "DC-DC Converter" which states "Change R2 and R3 to 18K for more reliable -6 volts to ALC circuits. DE K0ZL(SK)." I did that 4 years ago and the problem went away and has not yet returned.

73 - Ron AG1P

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
>
> Thank you for the replies. I asked because the replacement boards seem to fail quickly. I have been looking online and some last 6 months some last 6 years. I dont want to buy a 10 dollar part that i gotta keep 6 of them in stock because they are junk. Not to metion the time lost when the rig is down for repair.
>
> Brian
>

9500. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 01:06:32 UTC
From: wb2bm
Topic: 9493 Message: 9500

Thanks!
I love the radio so far. (alot better than my ts-570) I am gonna order one asap. I dont do alot of heavy contesting or anything like that so it should last a while.

9501. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 01:38:27 UTC
From: ah6rr1
Topic: 9493 Message: 9501

I do a lot of contesting on my 850 and for 5 years no problen yet
AH6RR

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
>
> Thanks!
> I love the radio so far. (alot better than my ts-570) I am gonna order one asap. I dont do alot of heavy contesting or anything like that so it should last a while.
>

9502. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 01:52:07 UTC
From: wb2bm
Topic: 9493 Message: 9502

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> I do a lot of contesting on my 850 and for 5 years no problen yet
> AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@> wrote:
> >
> >
> > Thanks!
> > I love the radio so far. (alot better than my ts-570) I am gonna order one asap. I dont do alot of heavy contesting or anything like that so it should last a while.
> >
>

Cool sounds good!!!

9503. Operating two TS-850 radios via the accessory sockets

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 15:46:04 UTC
From: Tony
Topic: 9503 Message: 9503

Hi
Has anyone experience of linking two TS-850 radios as mentioned in the handbook? I would have thought they would make a terrific "dual RX" transceiver?
73
Tony G3ZRJ

9504. TS850SAT For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 20:04:35 UTC
From: Marty W8AKS
Topic: 9504 Message: 9504

Before I list this on the classified boards, reflector members have first chance with reduced price.

Kenwood 850SAT
Photocopy of Operator Manual with printed copy of all available mods.
Original Kenwood Hand Mike
Serial Nr. 51Mill
New Type DDS chips, battery mod and a new Dc to Dc board installed in July 2010.
Kenwood 500 and 250hz filters installed.

Purchased from Burghardt in Dec 2006.

Reflector Price: 775.00 plus shipping from "Almost Heaven" WV

Thanks and 73
Marty
W8AKS

9505. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 19:54:47 UTC
From: wb2bm
Topic: 9493 Message: 9505

I put 2 18 ohm carbon film resistors in place of r2 and r3 put it back together and i get a pinned alc and 50 watts out on cw. I am guessing they have to be smd resistors?

9506. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-11 23:03:53 UTC
From: avvidclif
Topic: 9493 Message: 9506

The board doesn't care if they are SM or leaded. It does care about the value. 18 is a long way from 18,000.

Clif

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
> I put 2 18 ohm carbon film resistors in place of r2 and r3 put it back together and i get a pinned alc and 50 watts out on cw. I am guessing they have to be smd resistors?
>

9507. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 00:20:01 UTC
From: wb2bm
Topic: 9493 Message: 9507

I am sorry they are 18k forgot to put the k in there. I figured out what I did. However the ALC is still pinned even on ssb deadkey of zero. puts out 100 plus watts now.

9508. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 15:54:02 UTC
From: avvidclif
Topic: 9493 Message: 9508

What is the voltage coming out of that board, sounds like it all wrong.

It should be -6.2

Clif

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
> I am sorry they are 18k forgot to put the k in there. I figured out what I did. However the ALC is still pinned even on ssb deadkey of zero. puts out 100 plus watts now.
>

9509. Kenwood 450 crappy receive on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 17:36:46 UTC
From: CISCO GEEK
Topic: 9509 Message: 9509

Seems like the audio is hard to tune and when I do zero in on it, the audio is really crappy, garbled, distorted but only on SSB.

Any Ideas>?

Thanks de KJ4WKl

9510. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 18:27:37 UTC
From: wb2bm
Topic: 9493 Message: 9510

Oh boy I just measured the 12v input and its getting .15 volts. 6 volts output is .49 volts. With those readings it shouldn't transmit at all?? Something is not right.

9511. Re: [TS-850_450_690] Kenwood 450 crappy receive on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 19:09:16 UTC
From: Dave ve3wej
Topic: 9509 Message: 9511

check to see if filter selection is maybe set to the wrong one, or too narrow. which audio, voice, or cw....

do you have any sound card software connected , using hamscope or similar. check , you should have full spectrum showing, if not then a filter is on

just my thoughts...

Dave Garber
VE3WEJ@...
----- Original Message -----
From: "CISCO GEEK" <david.montgomery@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, August 12, 2010 1:36 PM
Subject: [TS-850_450_690] Kenwood 450 crappy receive on SSB

> Seems like the audio is hard to tune and when I do zero in on it, the
> audio is really crappy, garbled, distorted but only on SSB.
>
> Any Ideas>?
>
> Thanks de KJ4WKl
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9512. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 18:56:52 UTC
From: wb2bm
Topic: 9493 Message: 9512

Found a bad trace on the rf board. Fixed it and now I got 12 volts going in but have .68 positive coming out.
I'll bet I heated up the board alc board too much when I soldered the resistors in. Gonna go for the new board now..

9513. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 22:32:32 UTC
From: avvidclif
Topic: 9493 Message: 9513

What board are you working on? The radio will TX without the converter board, all it does is provide a reference voltage used in rx and tx for the AGC/ALC circuits.

You need to buy the replacement board before your radio quits working altogether or something else is damaged.

Clif

--- In TS-850_450_690@yahoogroups.com, "wb2bm" <cygnus021972@...> wrote:
>
> Found a bad trace on the rf board. Fixed it and now I got 12 volts going in but have .68 positive coming out.
> I'll bet I heated up the board alc board too much when I soldered the resistors in. Gonna go for the new board now..
>

9514. TS-850 dead on Rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-13 00:21:25 UTC
From: alk0frp@comcast.net
Topic: 9514 Message: 9514

I have a TS-850 which was hit by a proximity lightning. over two years ago. Unemployed and scratching to get by on early Social Security. I did not get the radio to Bill Leahy K0ZL (SK) before he passed.

O n the RF Unit X44-3120-00 there is a Diode D31 (as per TS-850 repair page)
which was a MI204 but suggests Two LFB01's.

Pacific parts has almost nothing left.

The East coast Kenwood parts has the LFB01's for $.41 each with a minimum.

Bill did not used MI204's and did not do the LFB01 change.

What are my options on parts and where to get them.

Al K0FRP

[Non-text portions of this message have been removed]

9515. Re: ts-850s DC to DC board replacement.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-12 22:50:11 UTC
From: wb2bm
Topic: 9493 Message: 9515

Cliff
Thank you for putting up with my boneheaded quest here..
Yes I agree. I have stopped using the rig. Just hooked up the meter and now I get -12 volts on the 6 volt output. That would explain why the alc is pinned forward. I should have just got a replacement in the first place. I like to fix things, but sometimes ya just gotta buy a replacement! Hi HI!!
Brian

9516. Re: TS-850 dead on Rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-13 00:43:29 UTC
From: avvidclif
Topic: 9514 Message: 9516

You haven't said what is wrong with it.

Even Karnack would have problems with that.....

Clif

--- In TS-850_450_690@yahoogroups.com, alk0frp@... wrote:
>
> I have a TS-850 which was hit by a proximity lightning. over two years ago. Unemployed and scratching to get by on early Social Security. I did not get the radio to Bill Leahy K0ZL (SK) before he passed.
>
>
> O n the RF Unit X44-3120-00 there is a Diode D31 (as per TS-850 repair page)
> which was a MI204 but suggests Two LFB01's.
>
>
> Pacific parts has almost nothing left.
>
>
> The East coast Kenwood parts has the LFB01's for $.41 each with a minimum.
>
>
> Bill did not used MI204's and did not do the LFB01 change.
>
>
> What are my options on parts and where to get them.
>
>
> Al K0FRP
>
> [Non-text portions of this message have been removed]
>

9517. Re: [TS-850_450_690] Re: TS-850 dead on Rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-13 09:14:16 UTC
From: alk0frp@comcast.net
Topic: 9514 Message: 9517

No Rx, D31 is in the front end

----- Original Message -----
From: "avvidclif" <clif@...>
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Thursday, August 12, 2010 6:43:29 PM
Subject: [TS-850_450_690] Re: TS-850 dead on Rx

You haven't said what is wrong with it.

Even Karnack would have problems with that.....

Clif

--- In TS-850_450_690@yahoogroups.com , alk0frp@... wrote:
>
> I have a TS-850 which was hit by a proximity lightning. over two years ago. Unemployed and scratching to get by on early Social Security. I did not get the radio to Bill Leahy K0ZL (SK) before he passed.
>
>
> O n the RF Unit X44-3120-00 there is a Diode D31 (as per TS-850 repair page)
> which was a MI204 but suggests Two LFB01's.
>
>
> Pacific parts has almost nothing left.
>
>
> The East coast Kenwood parts has the LFB01's for $.41 each with a minimum.
>
>
> Bill did not used MI204's and did not do the LFB01 change.
>
>
> What are my options on parts and where to get them.
>
>
> Al K0FRP
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9518. Re: TS-850 dead on Rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-13 14:11:57 UTC
From: avvidclif
Topic: 9514 Message: 9518

Check the RXB, if D31 is bad it will be around 1-2v.

Clif

--- In TS-850_450_690@yahoogroups.com, alk0frp@... wrote:
>
> No Rx, D31 is in the front end
>
>
>
> ----- Original Message -----
> From: "avvidclif" <clif@...>
> To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, August 12, 2010 6:43:29 PM
> Subject: [TS-850_450_690] Re: TS-850 dead on Rx
>
>
>
>
>
>
> You haven't said what is wrong with it.
>
> Even Karnack would have problems with that.......
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com , alk0frp@ wrote:
> >
> > I have a TS-850 which was hit by a proximity lightning. over two years ago. Unemployed and scratching to get by on early Social Security. I did not get the radio to Bill Leahy K0ZL (SK) before he passed.
> >
> >
> > O n the RF Unit X44-3120-00 there is a Diode D31 (as per TS-850 repair page)
> > which was a MI204 but suggests Two LFB01's.
> >
> >
> > Pacific parts has almost nothing left.
> >
> >
> > The East coast Kenwood parts has the LFB01's for $.41 each with a minimum.
> >
> >
> > Bill did not used MI204's and did not do the LFB01 change.

> >
> >
> > What are my options on parts and where to get them.
> >
> >
> > Al K0FRP
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

9519. TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-13 21:54:41 UTC
From: david broger
Topic: 9519 Message: 9519

Hi
Two days ago I got my "new" TS-850Sat. The serial number is 30..... First i fixed the problem with the dark display. The rig runs but there is a clicking niose in the audio. Is this another leaking caps problem or what's the point?

73 David, HB9RVS

9520. Re: [TS-850_450_690] TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-13 23:59:27 UTC
From: Dave ve3wej
Topic: 9519 Message: 9520

is the nb or nb2 on at the same time or the notch button pressed...

----- Original Message -----
From: "david broger" <dabrog@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, August 13, 2010 5:54 PM
Subject: [TS-850_450_690] TS-850: clicking noise in audio

> Hi
> Two days ago I got my "new" TS-850Sat. The serial number is 30..... First
> i fixed the problem with the dark display. The rig runs but there is a
> clicking niose in the audio. Is this another leaking caps problem or
> what's the point?
>
> 73 David, HB9RVS
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9521. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 12:29:51 UTC
From: david broger
Topic: 9519 Message: 9521

Hi Dave
no, but maybe it's the contact of the headphone.

73 David

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> is the nb or nb2 on at the same time or the notch button pressed...
>
>
> ----- Original Message -----
> From: "david broger" <dabrog@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, August 13, 2010 5:54 PM
> Subject: [TS-850_450_690] TS-850: clicking noise in audio
>
>
> > Hi
> > Two days ago I got my "new" TS-850Sat. The serial number is 30..... First
> > i fixed the problem with the dark display. The rig runs but there is a
> > clicking niose in the audio. Is this another leaking caps problem or
> > what's the point?
> >
> > 73 David, HB9RVS
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9522. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 19:12:04 UTC
From: Dave ve3wej
Topic: 9519 Message: 9522

why do you say that, does it NOT click without the headphone plugged in....??

> Hi Dave
> no, but maybe it's the contact of the headphone.
>
> 73 David
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> is the nb or nb2 on at the same time or the notch button pressed...
>>
>>
>> ----- Original Message -----
>> From: "david broger" <dabrog@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Friday, August 13, 2010 5:54 PM
>> Subject: [TS-850_450_690] TS-850: clicking noise in audio
>>
>>
>> > Hi
>> > Two days ago I got my "new" TS-850Sat. The serial number is 30.....
>> > First
>> > i fixed the problem with the dark display. The rig runs but there is a
>> > clicking niose in the audio. Is this another leaking caps problem or
>> > what's the point?
>> >
>> > 73 David, HB9RVS
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links

>
>
>

9523. cw-filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 19:09:26 UTC
From: david broger
Topic: 9523 Message: 9523

Hi
I have a Inrad cw-filter (Nr116) with the following datas: 455kHz-400Hz. This filter ist for Icom. Is this filter electrical compatibel with the Konwood filter YG-455C-1 (I know the Kenwood has 500Hz)?

73 David

9524. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 19:39:54 UTC
From: david broger
Topic: 9519 Message: 9524

It's not so clear. With the headphone it's clear to hear. With the normal spearker not.

73 David

9525. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 20:01:39 UTC
From: Dave ve3wej
Topic: 9519 Message: 9525

are you connected to a sound card interface, maybe you could record it, and post to group files area. if others hear it, maybe they will recognize it

----- Original Message -----
From: "david broger" <dabrog@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 14, 2010 3:39 PM
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

> It's not so clear. With the headphone it's clear to hear. With the normal
> spearker not.
>
> 73 David
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9526. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 21:08:03 UTC
From: david broger
Topic: 9519 Message: 9526

Ok, the file's name is "audio sample.wav". The audio-input was not overloaded. The scratching is sometime present an sometimes not.

73 David

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> are you connected to a sound card interface, maybe you could record it, and
> post to group files area. if others hear it, maybe they will recognize it
>
>
> ----- Original Message -----
> From: "david broger" <dabrog@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, August 14, 2010 3:39 PM
> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>
>
> > It's not so clear. With the headphone it's clear to hear. With the normal
> > spearker not.
> >
> > 73 David
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9527. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 21:12:08 UTC
From: david broger
Topic: 9519 Message: 9527

I made a check: the scatching is in the speaker herable.

73 David

9528. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 22:12:09 UTC
From: Dave ve3wej
Topic: 9519 Message: 9528

it sounds like one of two things to me, maybe others in the group can
listen, but I seem to have something like that just in the air, but th
enoise blanker takes it out, so it is "in the air" so to speak

OR

Jose, maybe you can confirm, q49 can cause that static discharge type
noise....

----- Original Message -----
From: "david broger" <dabrog@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 14, 2010 5:08 PM
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

> Ok, the file's name is "audio sample.wav". The audio-input was not
> overloaded. The scratching is sometime present an sometimes not.
>
> 73 David
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> are you connected to a sound card interface, maybe you could record it,
>> and
>> post to group files area. if others hear it, maybe they will recognize it
>>
>>
>> ----- Original Message -----
>> From: "david broger" <dabrog@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Saturday, August 14, 2010 3:39 PM
>> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>>
>>
>> > It's not so clear. With the headphone it's clear to hear. With the
>> > normal
>> > spearker not.
>> >
>> > 73 David
>> >
>> >
>> >
>> >
>> > ------------------------------------
>> >

>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9529. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 22:28:51 UTC
From: avvidclif
Topic: 9519 Message: 9529

Q49 can and will cause that type of noise.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> it sounds like one of two things to me, maybe others in the group can
> listen, but I seem to have something like that just in the air, but th
> enoise blanker takes it out, so it is "in the air" so to speak
>
>
> OR
>
> Jose, maybe you can confirm, q49 can cause that static discharge type
> noise....
>
>
>
> ----- Original Message -----
> From: "david broger" <dabrog@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, August 14, 2010 5:08 PM
> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>
>
> > Ok, the file's name is "audio sample.wav". The audio-input was not
> > overloaded. The scratching is sometime present an sometimes not.
> >
> > 73 David
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
> >>
> >> are you connected to a sound card interface, maybe you could record it,
> >> and
> >> post to group files area. if others hear it, maybe they will recognize it
> >>
> >>
> >> ----- Original Message -----
> >> From: "david broger" <dabrog@>
> >> To: <TS-850_450_690@yahoogroups.com>
> >> Sent: Saturday, August 14, 2010 3:39 PM
> >> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
> >>
> >>

> >> > It's not so clear. With the headphone it's clear to hear. With the
> >> > normal
> >> > spearker not.
> >> >
> >> > 73 David
> >> >
> >> >
> >> >
> >> >
> >> > ------------------------------------
> >> >
> >> > THANKS FOR USING TS-850_450_690@! Groups Links
> >> >
> >> >
> >> >
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9530. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-14 23:35:35 UTC
From: Dave ve3wej
Topic: 9519 Message: 9530

Thanks Cliff, I thought that is what jose was going to send me, but it
probably is going via the same way my bureau cards are going, or he forgot.
no big deal I will get one from eastcoast transistor

----- Original Message -----
From: "avvidclif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 14, 2010 6:28 PM
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

> Q49 can and will cause that type of noise.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> it sounds like one of two things to me, maybe others in the group can
>> listen, but I seem to have something like that just in the air, but th
>> enoise blanker takes it out, so it is "in the air" so to speak
>>
>>
>> OR
>>
>> Jose, maybe you can confirm, q49 can cause that static discharge type
>> noise....
>>
>>
>>
>> ----- Original Message -----
>> From: "david broger" <dabrog@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Saturday, August 14, 2010 5:08 PM
>> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>>
>>
>> > Ok, the file's name is "audio sample.wav". The audio-input was not
>> > overloaded. The scratching is sometime present an sometimes not.
>> >
>> > 73 David
>> >
>> >
>> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
>> >>
>> >> are you connected to a sound card interface, maybe you could record
>> >> it,

>> >> and
>> >> post to group files area. if others hear it, maybe they will recognize
>> >> it
>> >>
>> >>
>> >> ----- Original Message -----
>> >> From: "david broger" <dabrog@>
>> >> To: <TS-850_450_690@yahoogroups.com>
>> >> Sent: Saturday, August 14, 2010 3:39 PM
>> >> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>> >>
>> >>
>> >> > It's not so clear. With the headphone it's clear to hear. With the
>> >> > normal
>> >> > spearker not.
>> >> >
>> >> > 73 David
>> >> >
>> >> >
>> >> >
>> >> >
>> >> > ------------------------------------
>> >> >
>> >> > THANKS FOR USING TS-850_450_690@! Groups Links
>> >> >
>> >> >
>> >> >
>> >> >
>> >>
>> >
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

9531. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-15 00:29:22 UTC
From: Bob Naylor
Topic: 9519 Message: 9531

Clif, Did you get an e-mail from me off this list? Bob WE6C

--- On Sat, 8/14/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
To: TS-850_450_690@yahoogroups.com
Date: Saturday, August 14, 2010, 3:28 PM

Q49 can and will cause that type of noise.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:

>

> it sounds like one of two things to me, maybe others in the group can

> listen, but I seem to have something like that just in the air, but th

> enoise blanker takes it out, so it is "in the air" so to speak

>

>

> OR

>

> Jose, maybe you can confirm, q49 can cause that static discharge type

> noise....

>

>

>

> ----- Original Message -----

> From: "david broger" <dabrog@...>

> To: <TS-850_450_690@yahoogroups.com>

> Sent: Saturday, August 14, 2010 5:08 PM

> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

>

>

> > Ok, the file's name is "audio sample.wav". The audio-input was not

> > overloaded. The scratching is sometime present an sometimes not.

> >

> > 73 David

> >

> >

> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:

> >>

> >> are you connected to a sound card interface, maybe you could record it,

> >> and

> >> post to group files area. if others hear it, maybe they will recognize it

> >>

> >>

> >> ----- Original Message -----

> >> From: "david broger" <dabrog@>

> >> To: <TS-850_450_690@yahoogroups.com>

> >> Sent: Saturday, August 14, 2010 3:39 PM

> >> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

> >>

> >>

> >> > It's not so clear. With the headphone it's clear to hear. With the

> >> > normal

> >> > spearker not.

> >> >

> >> > 73 David

> >> >

> >> >

> >> >

> >> >

> >> >

> >> > ----------------------------------

> >> >

> >> > THANKS FOR USING TS-850_450_690@! Groups Links

> >> >

> >> >

> >> >

> >>

> >

> >

> >

> >

> > ----------------------------------

> >

> > THANKS FOR USING TS-850_450_690@...! Groups Links

> >

> >

> >

>

[Non-text portions of this message have been removed]

9532. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-15 12:07:16 UTC
From: david broger
Topic: 9519 Message: 9532

Where is q49 located?

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Q49 can and will cause that type of noise.
>
> Clif
>

9533. Re: cw-filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-15 12:49:43 UTC
From: david broger
Topic: 9523 Message: 9533

Knows anybody the pin assignement of the 5 pins for the additional filters?

73 David

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Hi
> I have a Inrad cw-filter (Nr116) with the following datas: 455kHz-400Hz. This filter ist for Icom. Is this filter electrical compatibel with the Konwood filter YG-455C-1 (I know the Kenwood has 500Hz)?
>
> 73 David
>

9534. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-15 16:28:51 UTC
From: avvidclif
Topic: 9519 Message: 9534

Not yet???

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Clif, Did you get an e-mail from me off this list?Â BobÂ WE6C
>
> --- On Sat, 8/14/10, avvidclif <clif@...> wrote:
>
> From: avvidclif <clif@...>
> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, August 14, 2010, 3:28 PM
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Q49 can and will cause that type of noise.
>
>
>
> Clif
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
>
> >
>
> > it sounds like one of two things to me, maybe others in the group can
>

> > listen, but I seem to have something like that just in the air, but th
>
> > enoise blanker takes it out, so it is "in the air" so to speak
>
> >
>
> >
>
> > OR
>
> >
>
> > Jose, maybe you can confirm, q49 can cause that static discharge type
>
> > noise....
>
> >
>
> >
>
> >
>
> > ----- Original Message -----
>
> > From: "david broger" <dabrog@>
>
> > To: <TS-850_450_690@yahoogroups.com>
>
> > Sent: Saturday, August 14, 2010 5:08 PM
>
> > Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>
> >
>
> >
>
> > > Ok, the file's name is "audio sample.wav". The audio-input was not
>
> > > overloaded. The scratching is sometime present an sometimes not.
>
> > >
>
> > > 73 David
>
> > >
>
> > >
>
> > > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
>

> > >>
>
> > >> are you connected to a sound card interface, maybe you could record it,
>
> > >> and
>
> > >> post to group files area. if others hear it, maybe they will recognize it
>
> > >>
>
> > >>
>
> > >> ----- Original Message -----
>
> > >> From: "david broger" <dabrog@>
>
> > >> To: <TS-850_450_690@yahoogroups.com>
>
> > >> Sent: Saturday, August 14, 2010 3:39 PM
>
> > >> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
>
> > >>
>
> > >>
>
> > >> > It's not so clear. With the headphone it's clear to hear. With the
>
> > >> > normal
>
> > >> > spearker not.
>
> > >> >
>
> > >> > 73 David
>
> > >> >
>
> > >> >
>
> > >> >
>
> > >> >
>
> > >> >
>
> > >> > ------------------------------------
>
> > >> >
>
> > >> > THANKS FOR USING TS-850_450_690@! Groups Links
>

> > >> >
>
> > >> >
>
> > >> >
>
> > >>
>
> > >
>
> > >
>
> > >
>
> > > ------------------------------------
>
> > >
>
> > > THANKS FOR USING TS-850_450_690@! Groups Links
>
> > >
>
> > >
>
> > >
>
> >
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

9535. Manufacture date.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-16 19:17:08 UTC
From: wb2bm
Topic: 9535 Message: 9535

I have a ts-850 looking for the date of manufacture. I did a search and found nothing on this subject. S# 8020037
73,
Brian

9536. Re: [TS-850_450_690] Manufacture date.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-16 21:39:10 UTC
From: Dennis
Topic: 9535 Message: 9536

First number of serial number minus 2. 8 minus 2 = 6. 1996 W8YS

From: wb2bm
Sent: Monday, August 16, 2010 3:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Manufacture date.

I have a ts-850 looking for the date of manufacture. I did a search and found nothing on this subject. S# 8020037
73,
Brian

[Non-text portions of this message have been removed]

9537. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-17 00:52:02 UTC
From: Bob Naylor
Topic: 9519 Message: 9537

OK I'll try again, off list. Bob WE6C

--- On Sun, 8/15/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
To: TS-850_450_690@yahoogroups.com
Date: Sunday, August 15, 2010, 9:28 AM

Not yet???

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:

>

> Clif, Did you get an e-mail from me off this list?Â BobÂ WE6C

>

> --- On Sat, 8/14/10, avvidclif <clif@...> wrote:

>

> From: avvidclif <clif@...>

> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

> To: TS-850_450_690@yahoogroups.com

> Date: Saturday, August 14, 2010, 3:28 PM

>

>

>

>

>

>

>

> Â

>

>

>

>

>

>

>

>

>

> Q49 can and will cause that type of noise.

>

>

>

> Clif

>

>

>

> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:

>

> >

>

> > it sounds like one of two things to me, maybe others in the group can

>

> > listen, but I seem to have something like that just in the air, but th

>

> > enoise blanker takes it out, so it is "in the air" so to speak

>

> >

>

> >

>

> > OR

>

> >

>

> > Jose, maybe you can confirm, q49 can cause that static discharge type

>

> > noise....

>

> >

>

> >

>

> >

>

> > ----- Original Message -----

>

> > From: "david broger" <dabrog@>

>

> > To: <TS-850_450_690@yahoogroups.com>

>

> > Sent: Saturday, August 14, 2010 5:08 PM

>

> > Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

>

> >

>

> >

>

> > > Ok, the file's name is "audio sample.wav". The audio-input was not

>

> > > overloaded. The scratching is sometime present an sometimes not.

>

> > >

>

> > > 73 David

>

> > >

>

> > >

>

> > > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:

>

> > >>

>

> > >> are you connected to a sound card interface, maybe you could record it,

>

> > >> and

>

> > >> post to group files area. if others hear it, maybe they will recognize it

>

> > >>

>

> > >>

>

> > >> ----- Original Message -----

>

> > >> From: "david broger" <dabrog@>

>

> > >> To: <TS-850_450_690@yahoogroups.com>

>

> > >> Sent: Saturday, August 14, 2010 3:39 PM

>

> > >> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

>

> > >>

>

> > >>

>

> > >> > It's not so clear. With the headphone it's clear to hear. With the

>

> > >> > normal

>

> > >> > spearker not.

>

> > >> >

>

> > >> > 73 David

>

> > >> >

>

> > >> >

>

> > >> >

>

> > >> >

>

> > >> > ----------

>

> > >> >

>

> > >> > THANKS FOR USING TS-850_450_690@! Groups Links

>

> > >> >

>

> > >> >

>

> > >> >

>

> > >>

>

> > >

>

> > >

>

> > >

>

> > >

>

> > > ----------

>

> > >

>

> > > THANKS FOR USING TS-850_450_690@! Groups Links

>

> > >

>

> > >

>

> > >

>

> >

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

9538. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-17 00:54:54 UTC
From: Bob Naylor
Topic: 9519 Message: 9538

Clif, I just tried again. I copied and pasted your e-mail address from this list.
Bob

--- On Sun, 8/15/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio
To: TS-850_450_690@yahoogroups.com
Date: Sunday, August 15, 2010, 9:28 AM

Not yet???

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:

>

> Clif, Did you get an e-mail from me off this list?Â BobÂ WE6C

>

> --- On Sat, 8/14/10, avvidclif <clif@...> wrote:

>

> From: avvidclif <clif@...>

> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

> To: TS-850_450_690@yahoogroups.com

> Date: Saturday, August 14, 2010, 3:28 PM

>

>

>

>

>

>

>

> Â

>

>

>

>

>

>

>

>

>

> Q49 can and will cause that type of noise.

>

>

>

> Clif

>

>

>

> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:

>

> >

>

> > it sounds like one of two things to me, maybe others in the group can

>

> > listen, but I seem to have something like that just in the air, but th

>

> > enoise blanker takes it out, so it is "in the air" so to speak

>

> >

>

> >

>

> > OR

>

> >

>

> > Jose, maybe you can confirm, q49 can cause that static discharge type

>

> > noise....

>

> >

>

> >

>

> >

>

> > ----- Original Message -----

>

> > From: "david broger" <dabrog@>

>

> > To: <TS-850_450_690@yahoogroups.com>

>

> > Sent: Saturday, August 14, 2010 5:08 PM

>

> > Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

>

> >

>

> >

>

> > > Ok, the file's name is "audio sample.wav". The audio-input was not

>

> > > overloaded. The scratching is sometime present an sometimes not.

>

> > >

>

> > > 73 David

>

> > >

>

> > >

>

> > > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:

>

> > >>

>

> > >> are you connected to a sound card interface, maybe you could record it,

>

> > >> and

>

> > >> post to group files area. if others hear it, maybe they will recognize it

>

> > >>

>

> > >>

>

> > >> ----- Original Message -----

>

> > >> From: "david broger" <dabrog@>

>

> > >> To: <TS-850_450_690@yahoogroups.com>

>

> > >> Sent: Saturday, August 14, 2010 3:39 PM

>

> > >> Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

>

> > >>

>

> > >>

>

> > >> > It's not so clear. With the headphone it's clear to hear. With the

>

> > >> > normal

>

> > >> > spearker not.

>

> > >> >

>

> > >> > 73 David

>

> > >> >

>

> > >> >

>

> > >> >

>

> > >> >

>

> > >> > ------------------------------------

>

> > >> >

>

> > >> > THANKS FOR USING TS-850_450_690@! Groups Links

>

> > >> >

>

> > >> >

>

> > >> >

>

> > >>

>

> > >

>

> > >

>

> > >

>

> > >

>

> > > ------------------------------------

>

> > >

>

> > > THANKS FOR USING TS-850_450_690@! Groups Links

>

> > >

>

> > >

>

> > >

>

> >

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

9539. Re: Manufacture date.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-17 02:01:16 UTC
From: wb2bm
Topic: 9535 Message: 9539

Thanks I thought it was a later model, Very clean inside!!!!

Brian

9540. Re: [TS-850_450_690] Re: Manufacture date.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-17 02:13:16 UTC
From: Crownhaven
Topic: 9535 Message: 9540

I think 1996 was the last year they made them??????

Steve, N4JQQ

On 8/16/2010 9:01 PM, wb2bm wrote:
>
> Thanks I thought it was a later model, Very clean inside!!!!
>
> Brian
>
>

[Non-text portions of this message have been removed]

9541. TS850 losing lock

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-18 17:19:40 UTC
From: k7cu
Topic: 9541 Message: 9541

My TS850 suddenly wouldn't hold the lock from 30 meters up to 10 meters. It works fine on 40 down to 160. I sent it to a repair facility and they are running the radio on 20m and, of course, it's working just fine. This originally happened last Feb 2010, was repaired, and it worked until July when the problem manifested itself again. Now it seems to work and isn't failing...yet. Any ideas??
Curt K7CU

9542. TS850 losing lock

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-18 18:44:08 UTC
From: Montgomery, David R Civ HQ 754 ELSG/DOX
Topic: 9541 Message: 9542

When you say losing Lock, are you referring to the PLL Lock issue, which manifests itself as DOTS on the Front display vice digits?

[Non-text portions of this message have been removed]

9543. RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 00:54:59 UTC
From: n0mq
Topic: 9543 Message: 9543

I just purchased a TS-850 and can not get the tuner to match my antenna. I am using a Winndow antenna. My other rigs give a match without any problems. I must not have it setup right. Would like some wisdom from the group. Thanks.
73
Gene,N0MQ

9544. Re: [TS-850_450_690] RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 02:16:38 UTC
From: Crownhaven
Topic: 9543 Message: 9544

Google turns up nothing on a "Winndow" antenna. Can you give us some details, reference, web page???????

Steve, N4JQQ

On 8/20/2010 7:54 PM, n0mq wrote:
>
> I just purchased a TS-850 and can not get the tuner to match my
> antenna. I am using a Winndow antenna. My other rigs give a match
> without any problems. I must not have it setup right. Would like
> some wisdom from the group. Thanks.
> 73
> Gene,N0MQ
>
>

[Non-text portions of this message have been removed]

9545. RE: [TS-850_450_690] RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 02:41:34 UTC
From: Steve
Topic: 9543 Message: 9545

"Windom" antenna I gather.

Thanks,
Steve Restinetti
VA3FM / VE3SFV
va3fm@...
ve3sfv@...
Grid: FN25OA

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Friday, August 20, 2010 10:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] RE: TS-850S/AT

Google turns up nothing on a "Winndow" antenna. Can you give us some
details, reference, web page???????

Steve, N4JQQ

On 8/20/2010 7:54 PM, n0mq wrote:
>
> I just purchased a TS-850 and can not get the tuner to match my
> antenna. I am using a Winndow antenna. My other rigs give a match
> without any problems. I must not have it setup right. Would like
> some wisdom from the group. Thanks.
> 73
> Gene,N0MQ
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9546. Re: [TS-850_450_690] RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 03:03:47 UTC
From: Gene
Topic: 9543 Message: 9546

Sri about. Yes windom..........Thanks for pointing that out for me.
Still need some help.
73
Gene, N0MQ

[Non-text portions of this message have been removed]

9547. Re: [TS-850_450_690] RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 11:38:50 UTC
From: Dave ve3wej
Topic: 9543 Message: 9547

how is the swr without the tuner. I beleive the antena has to be 3:1 or
below, for the 850 tuner to tune...

----- Original Message -----
From: "n0mq" <n0mq@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, August 20, 2010 8:54 PM
Subject: [TS-850_450_690] RE: TS-850S/AT

>I just purchased a TS-850 and can not get the tuner to match my
> antenna. I am using a Winndow antenna. My other rigs give a match
> without any problems. I must not have it setup right. Would like
> some wisdom from the group. Thanks.
> 73
> Gene,N0MQ
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9548. dss problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 07:33:35 UTC
From: david broger
Topic: 9548 Message: 9548

hi
What's the effect of the dss problem? How does it show?

73 David

9549. Re: [TS-850_450_690] RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 13:17:43 UTC
From: N3QAM
Topic: 9543 Message: 9549

Where is the CAR position. If you have that turned down , the tuner will not tune...

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, August 21, 2010 7:38 AM
Subject: Re: [TS-850_450_690] RE: TS-850S/AT

how is the swr without the tuner. I beleive the antena has to be 3:1 or
below, for the 850 tuner to tune...

----- Original Message -----
From: "n0mq" <n0mq@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, August 20, 2010 8:54 PM
Subject: [TS-850_450_690] RE: TS-850S/AT

>I just purchased a TS-850 and can not get the tuner to match my
> antenna. I am using a Winndow antenna. My other rigs give a match
> without any problems. I must not have it setup right. Would like
> some wisdom from the group. Thanks.
> 73
> Gene,N0MQ
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9550. Re: [TS-850_450_690] RE: TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 14:15:26 UTC
From: Gene
Topic: 9543 Message: 9550

The carrier is up. I think that I also have a bad MIC . I will get one from one of the other hams in town and give it another try. Thanks for all the help and I will report back after I get a good MIC.
73
Gene, N0MQ

[Non-text portions of this message have been removed]

9551. WTB: 850 hand microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-21 19:18:02 UTC
From: n0mq
Topic: 9551 Message: 9551

I am in need of a microphone for the 850. If anyone has one for
sale please contact me at.....
n0mq@...

73
Gene, N0MQ

9552. Re: Manufacture date.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-22 12:35:07 UTC
From: CISCO GEEK
Topic: 9535 Message: 9552

does that formula apply to the 450 as well (1st digit of sn - 2= year)?

9553. TS-850 speech processor not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-22 19:31:03 UTC
From: Kit
Topic: 9553 Message: 9553

Hi,

Has anyone had experience with speech processor malfunctions in the TS-850?

Recently, mine quit working. While listening with headphones in Monitor mode, turning the speech processor on reduces the mic audio level. I can still hear it though, and it does sound different, but the level is way down, even when turned up to max. I don't see any adjustment for it in the service manual.

It's a nice feature to have, but I know it's on a tiny board with SMC parts, and looks like an expensive fix.

thanks,
Kit

9554. TS-850 Dead on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-22 21:21:04 UTC
From: n8nma
Topic: 9554 Message: 9554

Hello, I am working on a TS-850 2 mil serial number with a dead receiver. What happened to it is that some sort of voltage spike came into it from and amplifier when the tube in the amp went bad. I have checked the filter unit B3 and even replaced the caps on the RAT line. D16 seems to be fine. I saw something in the post about D31 and checked the RXB which gave me a reading of .97 volts. Does this mean that I need to replace D31 ? And where do I go from here ?

Thanks

Tom N8NMA

9555. Re: TS-850 Dead on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-22 23:27:59 UTC
From: avvidclif
Topic: 9554 Message: 9555

Yep, that indicates D31 is shorted. Remove it and check the RXB, if 8v all is well. Put in a MI204 and go on. It's not surface mount but much heavier duty.

Clif

--- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@...> wrote:
>
> Hello, I am working on a TS-850 2 mil serial number with a dead receiver. What happened to it is that some sort of voltage spike came into it from and amplifier when the tube in the amp went bad. I have checked the filter unit B3 and even replaced the caps on the RAT line. D16 seems to be fine. I saw something in the post about D31 and checked the RXB which gave me a reading of .97 volts. Does this mean that I need to replace D31 ? And where do I go from here ?
>
> Thanks
>
> Tom N8NMA
>

9556. Re: [TS-850_450_690] Re: TS-850 Dead on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-23 03:35:43 UTC
From: Tom Jones N8NMA
Topic: 9554 Message: 9556

would a 1N914 work ?

--- On Sun, 8/22/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850 Dead on receive
To: TS-850_450_690@yahoogroups.com
Date: Sunday, August 22, 2010, 7:27 PM

Yep, that indicates D31 is shorted. Remove it and check the RXB, if 8v all is well. Put in a MI204 and go on. It's not surface mount but much heavier duty.

Clif

--- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@...> wrote:
>
> Hello, I am working on a TS-850 2 mil serial number with a dead receiver. What happened to it is that some sort of voltage spike came into it from and amplifier when the tube in the amp went bad. I have checked the filter unit B3 and even replaced the caps on the RAT line. D16 seems to be fine. I saw something in the post about D31 and checked the RXB which gave me a reading of .97 volts. Does this mean that I need to replace D31 ? And where do I go from here ?
>
> Thanks
>
> Tom N8NMA
>

[Non-text portions of this message have been removed]

9557. Re: TS-850 Dead on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-23 14:24:51 UTC
From: avvidclif
Topic: 9554 Message: 9557

Only if it's a fast switching Pin Diode capable of handling 200mw of power.

Clif

--- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
>
> would a 1N914 work ?
>
>
> --- On Sun, 8/22/10, avvidclif <clif@...> wrote:
>
>
> From: avvidclif <clif@...>
> Subject: [TS-850_450_690] Re: TS-850 Dead on receive
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, August 22, 2010, 7:27 PM
>
>
> Â
>
>
>
> Yep, that indicates D31 is shorted. Remove it and check the RXB, if 8v all is well. Put in a MI204 and go on. It's not surface mount but much heavier duty.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@> wrote:
> >
> > Hello, I am working on a TS-850 2 mil serial number with a dead receiver. What happened to it is that some sort of voltage spike came into it from and amplifier when the tube in the amp went bad. I have checked the filter unit B3 and even replaced the caps on the RAT line. D16 seems to be fine. I saw something in the post about D31 and checked the RXB which gave me a reading of .97 volts. Does this mean that I need to replace D31 ? And where do I go from here ?
> >
> > Thanks
> >
> > Tom N8NMA
> >
>
>
>
>
>

>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9558. Re: [TS-850_450_690] Re: TS-850 Dead on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-23 20:25:54 UTC
From: Dave ve3wej
Topic: 9554 Message: 9558

mi204 are available at eastcoast transistor (www.kenwoodparts.com)

and probably other places too... rfparts.com

----- Original Message -----
From: "Tom Jones N8NMA" <n8nma@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, August 22, 2010 11:35 PM
Subject: Re: [TS-850_450_690] Re: TS-850 Dead on receive

would a 1N914 work ?

--- On Sun, 8/22/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850 Dead on receive
To: TS-850_450_690@yahoogroups.com
Date: Sunday, August 22, 2010, 7:27 PM

Yep, that indicates D31 is shorted. Remove it and check the RXB, if 8v all
is well. Put in a MI204 and go on. It's not surface mount but much heavier
duty.

Clif

--- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@...> wrote:
>
> Hello, I am working on a TS-850 2 mil serial number with a dead receiver.
> What happened to it is that some sort of voltage spike came into it from
> and amplifier when the tube in the amp went bad. I have checked the filter
> unit B3 and even replaced the caps on the RAT line. D16 seems to be fine.
> I saw something in the post about D31 and checked the RXB which gave me a
> reading of .97 volts. Does this mean that I need to replace D31 ? And
> where do I go from here ?
>
> Thanks
>
> Tom N8NMA
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9559. External Auto Tuner TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-24 15:53:03 UTC
From: alan7114p
Topic: 9559 Message: 9559

I have been trying to mate my TS-850SAT with an Icom AH-4 Auto Tuner. I use a long wire and the internal tuner will not match the high SWR of the long wire. I have successfully used the AH-4 with an external circuit to start tuning. I want to use the internal tune function in the rig to control it, such as would be done with a Kenwood AT-300.

I have switched the switch on the back of the rig from Internal to External. I added the 'gimmick' capacitor and resistor suggested by N2MU (specifically a non-polarized 4.7uF cap and 3k ohm resistor in series connected across pins #2 and #5 of the connector on the rear of the radio). I set the THRU/AUTO switch to AUTO. Then I made all the connections shown by N2MU to the AH-4.

When I push the AT TUNE button the radio beeps and goes to transmit for a fraction of a second and then returns to receive. I know that both lines 2 and 5 are going low (I can see dips on my o-scope; but I'm a beginning scope user and I can't say what the timing sequence is; maybe someone can explain to me how to look at this?).

Does anyone here have any idea why this does not work.

Thanks and 73 de Alan K6ZY

9560. Re: External Auto Tuner TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-24 16:23:30 UTC
From: alan7114p
Topic: 9559 Message: 9560

Oh, and one more thing: what is the function of the 'gimmick' cap and resistor? Seems like maybe it's to add a time constant(?), but why?

Alan

--- In TS-850_450_690@yahoogroups.com, "alan7114p" <alan7114p@...> wrote:
>
> I have been trying to mate my TS-850SAT with an Icom AH-4 Auto Tuner. I use a long wire and the internal tuner will not match the high SWR of the long wire. I have successfully used the AH-4 with an external circuit to start tuning. I want to use the internal tune function in the rig to control it, such as would be done with a Kenwood AT-300.
>
> I have switched the switch on the back of the rig from Internal to External. I added the 'gimmick' capacitor and resistor suggested by N2MU (specifically a non-polarized 4.7uF cap and 3k ohm resistor in series connected across pins #2 and #5 of the connector on the rear of the radio). I set the THRU/AUTO switch to AUTO. Then I made all the connections shown by N2MU to the AH-4.
>
> When I push the AT TUNE button the radio beeps and goes to transmit for a fraction of a second and then returns to receive. I know that both lines 2 and 5 are going low (I can see dips on my o-scope; but I'm a beginning scope user and I can't say what the timing sequence is; maybe someone can explain to me how to look at this?).
>
> Does anyone here have any idea why this does not work.
>
> Thanks and 73 de Alan K6ZY
>

9561. Re: [TS-850_450_690] External Auto Tuner TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-24 18:16:06 UTC
From: cparrish104@cfl.rr.com
Topic: 9559 Message: 9561

Alan, I don't know what kind of scope you have, but if you can trigger it externally, trigger on one signal and look at the other to get the time relationship between them. If you have a dual-trace scope, you can trigger on one signal and look at both of them.

73, Curt, K4TL

---- alan7114p <alan7114p@...> wrote:
> I have been trying to mate my TS-850SAT with an Icom AH-4 Auto Tuner. I use a long wire and the internal tuner will not match the high SWR of the long wire. I have successfully used the AH-4 with an external circuit to start tuning. I want to use the internal tune function in the rig to control it, such as would be done with a Kenwood AT-300.
>
> I have switched the switch on the back of the rig from Internal to External. I added the 'gimmick' capacitor and resistor suggested by N2MU (specifically a non-polarized 4.7uF cap and 3k ohm resistor in series connected across pins #2 and #5 of the connector on the rear of the radio). I set the THRU/AUTO switch to AUTO. Then I made all the connections shown by N2MU to the AH-4.
>
> When I push the AT TUNE button the radio beeps and goes to transmit for a fraction of a second and then returns to receive. I know that both lines 2 and 5 are going low (I can see dips on my o-scope; but I'm a beginning scope user and I can't say what the timing sequence is; maybe someone can explain to me how to look at this?).
>
> Does anyone here have any idea why this does not work.
>
> Thanks and 73 de Alan K6ZY
>
>
>

9562. Re: External Auto Tuner TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-24 22:51:42 UTC
From: alan7114p
Topic: 9559 Message: 9562

Thank you, Curt! I will try that and report back.

Alan K6ZY

--- In TS-850_450_690@yahoogroups.com, <cparrish104@...> wrote:
>
> Alan, I don't know what kind of scope you have, but if you can trigger it externally, trigger on one signal and look at the other to get the time relationship between them. If you have a dual-trace scope, you can trigger on one signal and look at both of them.
>
> 73, Curt, K4TL
>
> ---- alan7114p <alan7114p@...> wrote:
> > I have been trying to mate my TS-850SAT with an Icom AH-4 Auto Tuner. I use a long wire and the internal tuner will not match the high SWR of the long wire. I have successfully used the AH-4 with an external circuit to start tuning. I want to use the internal tune function in the rig to control it, such as would be done with a Kenwood AT-300.
> >
> > I have switched the switch on the back of the rig from Internal to External. I added the 'gimmick' capacitor and resistor suggested by N2MU (specifically a non-polarized 4.7uF cap and 3k ohm resistor in series connected across pins #2 and #5 of the connector on the rear of the radio). I set the THRU/AUTO switch to AUTO. Then I made all the connections shown by N2MU to the AH-4.
> >
> > When I push the AT TUNE button the radio beeps and goes to transmit for a fraction of a second and then returns to receive. I know that both lines 2 and 5 are going low (I can see dips on my o-scope; but I'm a beginning scope user and I can't say what the timing sequence is; maybe someone can explain to me how to look at this?).
> >
> > Does anyone here have any idea why this does not work.
> >
> > Thanks and 73 de Alan K6ZY
> >
> >
> >
>

9563. No IF Output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 13:47:19 UTC
From: k7huw_james
Topic: 9563 Message: 9563

My Pan Adapter suddenly stopped working with my TS-850 the other day. I suspect that I'm not getting anything out of the IF jack on my radio anymore.

Anyone know if this is a known issue?

I've checked the jack where it's soldered to the board, doesn't seem to be anything as simple as that. There is what looks like a relay right next to the jack. Is there some way to turn the IF Jack on and off that I'm not aware of?

9564. ASTRON RM-35

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 15:19:59 UTC
From: CISCO GEEK
Topic: 9564 Message: 9564

So this power supply is powering my TS-450, What is happening is that when I dead key I get 14 amps draw, on the PS Meter, but when I modulate, the currents declines to 10 or so, even in a dummy load. The watts output also declines. Question is: Do I have a problem with the regulator portion of the PS or is this normal behavior?

Thanks, Dave

9565. Re: [TS-850_450_690] ASTRON RM-35

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 15:43:50 UTC
From: Tom Osborne
Topic: 9564 Message: 9565

Hi Dave

I had the same problem with an RS-20 and it turned out that the screws that held the filter caps to the board were loose. Tightend them up and it quit tripping the radio off.

The TS-450 doesn't like low voltage. It will chirp like mad!! 73
Tom W7WHY

So this power supply is powering my TS-450, What is happening is that when I dead key I get 14 amps draw, on the PS Meter, but when I modulate, the currents declines to 10 or so, even in a dummy load. The watts output also declines. Question is: Do I have a problem with the regulator portion of the PS or is this normal behavior?

Thanks, Dave

THANKS FOR USING TS-850_450_690@...! Groups Links

9566. RE: [TS-850_450_690] ASTRON RM-35

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 16:21:08 UTC
From: Richard Schmuke
Topic: 9564 Message: 9566

Help me to understand exactly your statement. When you dead key it you draw 14 amps, I assume you mean CW but when you "modulate" it drops to 10? Are you using SSB?? Then you would need a peak reading watt meter. The amp meter in the PS would not show as much in SSB load as CW.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of CISCO GEEK
Sent: Wednesday, August 25, 2010 10:20 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ASTRON RM-35

So this power supply is powering my TS-450, What is happening is that when I dead key I get 14 amps draw, on the PS Meter, but when I modulate, the currents declines to 10 or so, even in a dummy load. The watts output also declines. Question is: Do I have a problem with the regulator portion of the PS or is this normal behavior?

Thanks, Dave

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3093 - Release Date: 08/25/10 01:34:00

[Non-text portions of this message have been removed]

9567. Re: ASTRON RM-35

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 16:39:35 UTC
From: birchardvilleobservatory
Topic: 9564 Message: 9567

Dave,

You are describing normal behavior for SSB vs CW at the same peak power levels.

CW, key down, is constant (say) 100 watts, drawing 14 amps in your case.

SSB "modulated" is incredibly variable, with only PEAK power being 100 watts, and average power being something like 20-40 watts depending on your voice, microphone, gain settings, audio processing, etc.) This will need much less current to feed the transmitter.

This same idea is why you have to watch the temperature when transmitting RTTY, which is higher than real CW -- because CW is dots and dashes and spaces.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "CISCO GEEK" <montgomeryalabama@...> wrote:
>
> So this power supply is powering my TS-450, What is happening is that when I dead key I get 14 amps draw, on the PS Meter, but when I modulate, the currents declines to 10 or so, even in a dummy load. The watts output also declines. Question is: Do I have a problem with the regulator portion of the PS or is this normal behavior?
>
> Thanks, Dave
>

9568. ASTRON RS-35M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 16:59:21 UTC
From: CISCO GEEK
Topic: 9564 Message: 9568

ALL, Let me re-word the conditions

When on AM...during(unmodulated) a view the PS's Amp meter, the external wattmeter, I see 14 AMPS and 100 watts respectivly. However when I modulate- on AM, I see all the meters listed above, Decline to 10 Amps, and 60 watts respectivly.

This issue occurs weather at 100 watts or 10 watts output, given the same conditions above WRT the MODE.

I guess I could hook up the 12 VDC power from my Truck, and isolate the PS, but am looking for some experts, WRT the crowbar circuit on the Astron RS-35 Power supply- If Im even on the right track.

So, is this enough details, or did I miss the mark hi hi

73 de KJ4WKL

9569. Re: ASTRON RS-35M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 17:50:41 UTC
From: ah6rr1
Topic: 9564 Message: 9569

First of all the TS-450 is NOT I repete NOT to be run at 100W on AM it is 25W max. Since you are a Technician why are you running AM??? See how the radio works in SSB if the conditions you decribe still continue then use a multimeter and mesure the output voltage of the power supply in receive and transmit. If the voltage drops in transmit then one of the pass transistors is failing.One other thing to check is the power cord fuses & holders for corrison ect. The reason you see the 100W on key down and 60 on modulation is because of overload of the final section. Refer to the operator manual for proper adjustment for AM use.

--- In TS-850_450_690@yahoogroups.com, "CISCO GEEK" <montgomeryalabama@...> wrote:
>
> ALL, Let me re-word the conditions
>
> When on AM...during(unmodulated) a view the PS's Amp meter, the external wattmeter, I see 14 AMPS and 100 watts respectivly. However when I modulate- on AM, I see all the meters listed above, Decline to 10 Amps, and 60 watts respectivly.
>
> This issue occurs weather at 100 watts or 10 watts output, given the same conditions above WRT the MODE.
>
> I guess I could hook up the 12 VDC power from my Truck, and isolate the PS, but am looking for some experts, WRT the crowbar circuit on the Astron RS-35 Power supply- If Im even on the right track.
>
> So, is this enough details, or did I miss the mark hi hi
>
> 73 de KJ4WKL
>

9570. Re: [TS-850_450_690] No IF Output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-25 19:19:46 UTC
From: Dave ve3wej
Topic: 9563 Message: 9570

did you try replacing the rca cable from the radio to the pan adapter????

I dont remember ever having to turn on or off the pan adapter if jack...

can you test pan adapter on another radio???

----- Original Message -----
From: "k7huw_james" <misc@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, August 25, 2010 9:47 AM
Subject: [TS-850_450_690] No IF Output

> My Pan Adapter suddenly stopped working with my TS-850 the other day. I
> suspect that I'm not getting anything out of the IF jack on my radio
> anymore.
>
> Anyone know if this is a known issue?
>
> I've checked the jack where it's soldered to the board, doesn't seem to be
> anything as simple as that. There is what looks like a relay right next
> to the jack. Is there some way to turn the IF Jack on and off that I'm
> not aware of?
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9571. Re: No IF Output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-26 02:22:49 UTC
From: k7huw_james
Topic: 9563 Message: 9571

Yes I checked the cable for continuity. Today I connected the antenna jack of my TS-450 to the IF output of my TS-850. Tuned the 450 to 8.83MHz and I hear nothing but static.

Anyone know how I would go about troubleshooting this?
-K7HUW

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> did you try replacing the rca cable from the radio to the pan adapter????
>
> I dont remember ever having to turn on or off the pan adapter if jack...
>
> can you test pan adapter on another radio???
>
>
>
> ----- Original Message -----
> From: "k7huw_james" <misc@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, August 25, 2010 9:47 AM
> Subject: [TS-850_450_690] No IF Output
>
>
> > My Pan Adapter suddenly stopped working with my TS-850 the other day. I
> > suspect that I'm not getting anything out of the IF jack on my radio
> > anymore.
> >
> > Anyone know if this is a known issue?
> >
> > I've checked the jack where it's soldered to the board, doesn't seem to be
> > anything as simple as that. There is what looks like a relay right next
> > to the jack. Is there some way to turn the IF Jack on and off that I'm
> > not aware of?
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9572. Re: [TS-850_450_690] Re: No IF Output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-26 16:15:44 UTC
From: Dave ve3wej
Topic: 9563 Message: 9572

does the pana dapter work on the 850????

it should be the same IF, i think

On Wed, Aug 25, 2010 at 10:22 PM, k7huw_james <jsutherl@...> wrote:

> Yes I checked the cable for continuity. Today I connected the antenna jack
> of my TS-450 to the IF output of my TS-850. Tuned the 450 to 8.83MHz and I
> hear nothing but static.
>
> Anyone know how I would go about troubleshooting this?
> -K7HUW
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
> >
> > did you try replacing the rca cable from the radio to the pan adapter????
> >
> > I dont remember ever having to turn on or off the pan adapter if jack...
> >
> > can you test pan adapter on another radio???
> >
> >
> >
> > ----- Original Message -----
> > From: "k7huw_james" <misc@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Wednesday, August 25, 2010 9:47 AM
> > Subject: [TS-850_450_690] No IF Output
> >
> >
> > > My Pan Adapter suddenly stopped working with my TS-850 the other day.
> I
> > > suspect that I'm not getting anything out of the IF jack on my radio
> > > anymore.
> > >
> > > Anyone know if this is a known issue?
> > >
> > > I've checked the jack where it's soldered to the board, doesn't seem to
> be
> > > anything as simple as that. There is what looks like a relay right
> next
> > > to the jack. Is there some way to turn the IF Jack on and off that
> I'm
> > > not aware of?
> > >
> > >

> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > >
> > >
> > >
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

9573. TS-450S + Rigblaster Plug & Play, simple?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-26 21:12:28 UTC
From: Raymond
Topic: 9573 Message: 9573

New Kenwood owner here.

I'm getting a TS-450S and intend to use it with a Rigblaster Plug & Play I already have for my Yaesu FT-450. If I read the West Mountain website correctly all I need to interface the PnP is the RPA_K31D adapter cable.

What I'm confused about is the cable description says it only controls PTT on pin 9. Does that mean it doesn't pass the audio in/out and I need seperate cables? Or is West Mountain's description supposed to instead mean that the cable doesn't support CAT operation (which I don't need anyway since I like fiddling with knobs and buttons)?

73
Ray KJ6AMF

9574. Re: [TS-850_450_690] TS-450S + Rigblaster Plug & Play, simple?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-26 21:31:01 UTC
From: Dave ve3wej
Topic: 9573 Message: 9574

I would ask them, BUT some kenwoods need pin 13 for ptt, using pin 9, with
diode to pin 13 will do the same.......

does it wire to the 13 pin plug, or mike jack...

----- Original Message -----
From: "Raymond" <ray_fellers@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, August 26, 2010 5:12 PM
Subject: [TS-850_450_690] TS-450S + Rigblaster Plug & Play, simple?

> New Kenwood owner here.
>
> I'm getting a TS-450S and intend to use it with a Rigblaster Plug & Play I
> already have for my Yaesu FT-450. If I read the West Mountain website
> correctly all I need to interface the PnP is the RPA_K31D adapter cable.
>
> What I'm confused about is the cable description says it only controls PTT
> on pin 9. Does that mean it doesn't pass the audio in/out and I need
> seperate cables? Or is West Mountain's description supposed to instead
> mean that the cable doesn't support CAT operation (which I don't need
> anyway since I like fiddling with knobs and buttons)?
>
> 73
> Ray KJ6AMF
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9575. Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-27 18:27:35 UTC
From: david broger
Topic: 9519 Message: 9575

Hi
The problem is solved. It was leaking c187.

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Hi
> Two days ago I got my "new" TS-850Sat. The serial number is 30..... First i fixed the problem with the dark display. The rig runs but there is a clicking niose in the audio. Is this another leaking caps problem or what's the point?
>
> 73 David, HB9RVS
>

9576. Re: [TS-850_450_690] Re: TS-850: clicking noise in audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-27 20:46:39 UTC
From: Alan Riley
Topic: 9519 Message: 9576

Good to hear your problem is solved. When C187 failed in my TS-850,
there was a low-level rumble in the audio and a strong odor from the
capacitor as well.

While I had the board out, I also replaced C167, 182, & 184, all associated
with the audio amp.

Alan, KD5R

----- Original Message -----
From: david broger
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 27, 2010 1:27 PM
Subject: [TS-850_450_690] Re: TS-850: clicking noise in audio

Hi
The problem is solved. It was leaking c187.

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Hi
> Two days ago I got my "new" TS-850Sat. The serial number is 30..... First i fixed the problem with the dark display. The rig runs but there is a clicking niose in the audio. Is this another leaking caps problem or what's the point?
>
> 73 David, HB9RVS
>

[Non-text portions of this message have been removed]

9577. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-28 16:42:22 UTC
From: k7zs
Topic: 8341 Message: 9577

Been a long time since I took this off the shelf, couldn't stand the sight of it!

But, getting low on broken stuff, so thought I would take another stab at it.

I think I am close - I can now get it to transmit, and the method is by inserting the CW jack, and/or working a plug into the ACC2 jack. I think that a pin on the ACC2 jack, Pin 9 to be exact, might be shorting. It has the opportunity to key the radio, so I will be taking it apart to see if there is a short.

Anyway, I am using the rig again - and once this is finished, I need to SEE WHY THE VOX DOESN'T WORK! I cannot do semi-break in CW, I must put it into transmit on SEND, and then key the radio which works fine. Voice will not trigger VOX either.

Any VOX DEBUGGING advice out there?

Thanks and 73

Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> I am convinced that this radio is being told 'I Am In Transmit' on power up.
> I know it's not via the front panel SS switch, so I am now turning to other sources for a transmit signal.
>
> There is the CW key, the VOX circuitry, and the PACKET terminal in the rear that have the privilege of keying the rig, so I am going to try and track down each of these circuits and find out which is 'stuck' in transmit.
>
> does this logic makes sense to anyone else, this is quite a voyage I have embarked upon!
>
> 73 Kevin K7ZS

9578. TS850 keying a QSK Linear and other questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-29 02:57:14 UTC
From: Mario Aviles
Topic: 9578 Message: 9578

Hi Group:

Today I worked my TS850 with an Expert 1KFA linear on 40 meters and it worked great. I have two questions/comments:
(1) The linear is QSK and made the RLY and ALC connections from the REMOTE connection on the TS850 with the Linear AMP switch to ON. I wonder if there is a way to key the linear bypassing the internal relay on the TS850 to avoid the clicking noise.
(2) Is there a way to improve the NB? I had some noise which I would have eliminated very easily with another radio, it seems the NB on my 850 does not work
(3) I have an SDR-IQ receiver which I bought to use as Pan Adaptor. I tried it but for some reason I am getting a signal into the SDR-IQ because there was saturation on the SDRIQ. I connected it to the IF OUT connection on the 850.

Thanks for your help

73´s

Mario/YS1MAE

[Non-text portions of this message have been removed]

9579. RX issue on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-29 13:59:07 UTC
From: cintrans
Topic: 9579 Message: 9579

Hi all,

Just joined and i already have a question!
Bought this TS-450s in real nice shape, but when i switch it on when the radio is "cold", the S-meter goes full scale and has muted RX. It takes normally about a half minute or so for the S-meter to come down and RX audio to start comming thru. Once the radio is "warm" all is normal, normal S-meter reading and RX audio. Switching it off and shortly there after on again does not show the problem (as long as the radio is "warm"
I changed the C104 cap in the speaker line already and cleaned up that general area (removed components to get there!!) found a "MAO" trace on the IF board open that i fixed, as far as i can measure RFG, AGC and ALC voltage are good. Cant find any suspecious electrolytes on thr RF / IF board that might cause this "unwanted RF gain / AGC control"
Any advise or inside into this would be highly appreciated....

73's de P43A, Jean-Pierre

PS. A few months ago someone on the board here had the same issue, but he did not get a fix for this so far either....

9580. Re: RX issue on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-30 14:17:10 UTC
From: avvidclif
Topic: 9579 Message: 9580

Look closely at the AGC line. You will find that when the S-meter is maxed out the AGC voltage is zero or close to it. It's usually a leaking cap and the goop has damaged/shorted traces as you found. Try looking under the Murata 455 filters.

Clif

--- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@...> wrote:
>
> Hi all,
>
> Just joined and i already have a question!
> Bought this TS-450s in real nice shape, but when i switch it on when the radio is "cold", the S-meter goes full scale and has muted RX. It takes normally about a half minute or so for the S-meter to come down and RX audio to start comming thru. Once the radio is "warm" all is normal, normal S-meter reading and RX audio. Switching it off and shortly there after on again does not show the problem (as long as the radio is "warm"
> I changed the C104 cap in the speaker line already and cleaned up that general area (removed components to get there!!) found a "MAO" trace on the IF board open that i fixed, as far as i can measure RFG, AGC and ALC voltage are good. Cant find any suspecious electrolytes on thr RF / IF board that might cause this "unwanted RF gain / AGC control"
> Any advise or inside into this would be highly appreciated....
>
> 73's de P43A, Jean-Pierre
>
> PS. A few months ago someone on the board here had the same issue, but he did not get a fix for this so far either....
>

9581. RE: [TS-850_450_690] Re: No IF Output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-30 15:43:19 UTC
From: James Sutherland
Topic: 9563 Message: 9581

That is what started this. My pan adaptor stopped working on my 850. The only way I know to test the IF output on the 850 is to connect another radio to it.

I spent most of last night looking at the circuit diagram of the RF board. The IF connector is CN7 and I can't, for the life of me, find that connector on that circuit diagram to see exactly what it connects to.

Anyone familiar with the RF board circuit diagram on the 850 want to point me in the correct direction?

-James

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dave ve3wej
Sent: Thursday, August 26, 2010 09:16
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: No IF Output

does the pana dapter work on the 850????

it should be the same IF, i think

On Wed, Aug 25, 2010 at 10:22 PM, k7huw_james <jsutherl@...
<mailto:jsutherl%40retlaw.net> > wrote:

> Yes I checked the cable for continuity. Today I connected the antenna jack
> of my TS-450 to the IF output of my TS-850. Tuned the 450 to 8.83MHz and I
> hear nothing but static.
>
> Anyone know how I would go about troubleshooting this?
> -K7HUW
>
> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Dave ve3wej" <ve3wej@...>
wrote:
> >
> > did you try replacing the rca cable from the radio to the pan
adapter????
> >
> > I dont remember ever having to turn on or off the pan adapter if jack...
> >
> > can you test pan adapter on another radio???
> >
> >
> >
> > ----- Original Message -----

> > From: "k7huw_james" <misc@...>
> > To: <TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> >
> > Sent: Wednesday, August 25, 2010 9:47 AM
> > Subject: [TS-850_450_690] No IF Output
> >
> >
> > > My Pan Adapter suddenly stopped working with my TS-850 the other day.
> I
> > > suspect that I'm not getting anything out of the IF jack on my radio
> > > anymore.
> > >
> > > Anyone know if this is a known issue?
> > >
> > > I've checked the jack where it's soldered to the board, doesn't seem
to
> be
> > > anything as simple as that. There is what looks like a relay right
> next
> > > to the jack. Is there some way to turn the IF Jack on and off that
> I'm
> > > not aware of?
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > >
> > >
> > >
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
> >
> >
> >
> >

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9582. Re: No IF Output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-30 18:22:12 UTC
From: avvidclif
Topic: 9563 Message: 9582

Try Q14, buffer amp, and Q15, mixer. They amplify and mix the first IF (73.05) down to 8.83 for the IF out plug on the back.

Clif

--- In TS-850_450_690@yahoogroups.com, "James Sutherland" <jsutherl@...> wrote:
>
> That is what started this. My pan adaptor stopped working on my 850. The
> only way I know to test the IF output on the 850 is to connect another radio
> to it.
>
>
>
> I spent most of last night looking at the circuit diagram of the RF board.
> The IF connector is CN7 and I can't, for the life of me, find that connector
> on that circuit diagram to see exactly what it connects to.
>
>
>
> Anyone familiar with the RF board circuit diagram on the 850 want to point
> me in the correct direction?
>
> -James
>
>
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Dave ve3wej
> Sent: Thursday, August 26, 2010 09:16
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: No IF Output
>
>
>
>
>
>
> does the pana dapter work on the 850????
>
> it should be the same IF, i think
>
> On Wed, Aug 25, 2010 at 10:22 PM, k7huw_james <jsutherl@...
> <mailto:jsutherl%40retlaw.net> > wrote:
>

> > Yes I checked the cable for continuity. Today I connected the antenna jack
> > of my TS-450 to the IF output of my TS-850. Tuned the 450 to 8.83MHz and I
> > hear nothing but static.
> >
> > Anyone know how I would go about troubleshooting this?
> > -K7HUW
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "Dave ve3wej" <ve3wej@>
> wrote:
> > >
> > > did you try replacing the rca cable from the radio to the pan
> adapter????
> > >
> > > I dont remember ever having to turn on or off the pan adapter if jack...
> > >
> > > can you test pan adapter on another radio???
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: "k7huw_james" <misc@>
> > > To: <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> >
> > > Sent: Wednesday, August 25, 2010 9:47 AM
> > > Subject: [TS-850_450_690] No IF Output
> > >
> > >
> > > > My Pan Adapter suddenly stopped working with my TS-850 the other day.
> > I
> > > > suspect that I'm not getting anything out of the IF jack on my radio
> > > > anymore.
> > > >
> > > > Anyone know if this is a known issue?
> > > >
> > > > I've checked the jack where it's soldered to the board, doesn't seem
> to
> > be
> > > > anything as simple as that. There is what looks like a relay right
> > next
> > > > to the jack. Is there some way to turn the IF Jack on and off that
> > I'm
> > > > not aware of?
> > > >
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links

> > > >
> > > >
> > > >
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9583. Re: RX issue on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-08-31 23:15:44 UTC
From: cintrans
Topic: 9579 Message: 9583

Hi Clif,

Your right, checked it again when the radio is cold and i have only about 1.7V on the agc line at CN1 on the IF board, it goes up to about 2.4V when the radio warms up.
I removed the other 2 filters, but not the Murata as i figgerd there was nothing (traces) under that one anyway...
I'll take it out this week-end and see what i can find... any other caps in particular for the agc i should look into?

TNX
73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Look closely at the AGC line. You will find that when the S-meter is maxed out the AGC voltage is zero or close to it. It's usually a leaking cap and the goop has damaged/shorted traces as you found. Try looking under the Murata 455 filters.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@> wrote:
> >
> > Hi all,
> >
> > Just joined and i already have a question!
> > Bought this TS-450s in real nice shape, but when i switch it on when the radio is "cold", the S-meter goes full scale and has muted RX. It takes normally about a half minute or so for the S-meter to come down and RX audio to start comming thru. Once the radio is "warm" all is normal, normal S-meter reading and RX audio. Switching it off and shortly there after on again does not show the problem (as long as the radio is "warm"
> > I changed the C104 cap in the speaker line already and cleaned up that general area (removed components to get there!!) found a "MAO" trace on the IF board open that i fixed, as far as i can measure RFG, AGC and ALC voltage are good. Cant find any suspecious electrolytes on thr RF / IF board that might cause this "unwanted RF gain / AGC control"
> > Any advise or inside into this would be highly appreciated....
> >
> > 73's de P43A, Jean-Pierre
> >
> > PS. A few months ago someone on the board here had the same issue, but he did not get a fix for this so far either....
> >
>

9589. Re: RX issue on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-01 18:35:48 UTC
From: avvidclif
Topic: 9579 Message: 9589

Usually the problem is under the 2 small filters. Now you just have to figure out where the voltage is being drained off because of leaking cap juice.

Clif

--- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@...> wrote:
>
> Hi Clif,
>
> Your right, checked it again when the radio is cold and i have only about 1.7V on the agc line at CN1 on the IF board, it goes up to about 2.4V when the radio warms up.
> I removed the other 2 filters, but not the Murata as i figgerd there was nothing (traces) under that one anyway...
> I'll take it out this week-end and see what i can find... any other caps in particular for the agc i should look into?
>
> TNX
> 73's de P43A, Jean-Pierre
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Look closely at the AGC line. You will find that when the S-meter is maxed out the AGC voltage is zero or close to it. It's usually a leaking cap and the goop has damaged/shorted traces as you found. Try looking under the Murata 455 filters.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@> wrote:
> > >
> > > Hi all,
> > >
> > > Just joined and i already have a question!
> > > Bought this TS-450s in real nice shape, but when i switch it on when the radio is "cold", the S-meter goes full scale and has muted RX. It takes normally about a half minute or so for the S-meter to come down and RX audio to start comming thru. Once the radio is "warm" all is normal, normal S-meter reading and RX audio. Switching it off and shortly there after on again does not show the problem (as long as the radio is "warm"
> > > I changed the C104 cap in the speaker line already and cleaned up that general area (removed components to get there!!) found a "MAO" trace on the IF board open that i fixed, as far as i can measure RFG, AGC and ALC voltage are good. Cant find any suspecious electrolytes on thr RF / IF board that might cause this "unwanted RF gain / AGC control"
> > > Any advise or inside into this would be highly appreciated....
> > >
> > > 73's de P43A, Jean-Pierre

> > >
> > > PS. A few months ago someone on the board here had the same issue, but he did not get a fix for this so far either....
> > >
> >
>

9590. Using the Processor stops transmit audio TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-02 02:22:38 UTC
From: n8nma
Topic: 9590 Message: 9590

I have an 850 with an 8 mil serial number and whenever I use the processor it stops the transmit audio. Does not do it all the time, but after a few minutes of using it. Turn it off and audio is back. I was looking at the schematic and the board in the radio. It looks like a transistor near the processor board may be at fault. However the board and the board diagram from the service manual match, but the schematic does not. It says it is Q8 which is a 3SK131(M). Which it is not. It has the markings 24 with a line and then 07 diagnally. The schematic shows a four legged transistor and this is a 3 legged one. Any one know what the value or part number is for this?

Tom N8NMA

9591. 8 mil serial number ts850 service manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-02 04:08:29 UTC
From: n8nma
Topic: 9591 Message: 9591

Well it appears that many things in the 8 mil 850 don't match the service manual I have. Works fine with my 6 mil radio. Proc audio out and attenuator out also....have to look around I guess. Anyone else run into this ?

Thanks
Tom

9592. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-06 05:14:47 UTC
From: k7zs
Topic: 8341 Message: 9592

Well, it was just like before - worked perfectly for 3 days, and then POOF, back into a stubborn mode of NO TRANSMIT. The CW key, ACC slot was just a false indication, as now regardless of what I do, it again has fallen mute.

I am beginning to really suspect the VOX circuit, since the VOX is inoperable, it could be malfunctioning and tell the microprocessor that it is in transmit on startup? I need to fix it anyway, so I am going to start focusing on that part of the radio.

Could someone advise me if the TS-450 work with the VOX module completely removed from the radio? If not, I will be advising the list!

Thanks for listening!

73 Kevin K7ZS

9593. Re: [TS-850_450_690] Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-06 22:06:38 UTC
From: Dave ve3wej
Topic: 8341 Message: 9593

vox work in ssb mode??? cw requires the vox, as far as I understand, to
key the radio. my 850 will NOT key without, but I do get the sidetone.....

----- Original Message -----
From: "k7zs" <klahaie@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, September 06, 2010 1:14 AM
Subject: [TS-850_450_690] Re:: TS-450 STILL Won't Key

> Well, it was just like before - worked perfectly for 3 days, and then
> POOF, back into a stubborn mode of NO TRANSMIT. The CW key, ACC slot was
> just a false indication, as now regardless of what I do, it again has
> fallen mute.
>
> I am beginning to really suspect the VOX circuit, since the VOX is
> inoperable, it could be malfunctioning and tell the microprocessor that it
> is in transmit on startup? I need to fix it anyway, so I am going to
> start focusing on that part of the radio.
>
> Could someone advise me if the TS-450 work with the VOX module completely
> removed from the radio? If not, I will be advising the list!
>
> Thanks for listening!
>
> 73 Kevin K7ZS
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9594. Re:: TS-450 STILL Won't Key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-07 03:26:24 UTC
From: k7zs
Topic: 8341 Message: 9594

Hi Dave

No, the radio does not key with the VOX in either SSB or CW, so it is totally disfunctional. I get the sidetone, and when the radio will switch into transmit by using the SEND button (which is seldom) the radio does transmit CW. So, I need to troubleshoot the VOX circuit, and maybe I will get lucky and find the problem with the radio thinking it's in transmit when it is first powered on.

I will learn 2 things when I finally figure out this radio's problem - 1 is the problem, the other is PATIENCE! It's trying mine right now hihi.

Thanks for the thought!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> vox work in ssb mode??? cw requires the vox, as far as I understand, to
> key the radio. my 850 will NOT key without, but I do get the sidetone.....
>
>

9595. Need help with TS-450 repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-07 17:35:01 UTC
From: Raymond
Topic: 9595 Message: 9595

I don't get audio out of my TS-450 anymore. I get signal out of the ACC2 data port but nothing out of the speaker or ext. speaker jack. I opened it up and the C104 brown capacitor leaked dielectric goo on the PCB board. I'd like to repair it but this will my first attempt at doing anything inside the radio so I'd like some guidance.

1) How do I take the IF board out? There are two ribbon cables but I don't know how they come off. They are connected to the IF board with some kind of black clip (don't know what they are called). Do the ribbon cables slide out of the plastic or is the plastic clip supposed to be pulled off the board?

2) What's the best solution to clean the PCB board without damaging it?

3) If replacing the cap doesn't work and I don't see any obvious damage to the PCB traces I suppose I need to look at the last amp upc2002v (IC5). I think it's out of production as I can't find a datasheet online for it. What's the best replacement, LT383? TDA2002? TDA2003?

4) I'm not very skilled with a soldering iron. If I have to replace the IC, would it be acceptable to bypass it with a daughter board? I see Vellman sells a very small audio amp kit (K4001) based on the TDA2003 that should fit inside the case.

Thanks for any help,
Ray KJ6AMF

9596. Re: [TS-850_450_690] Using the Processor stops transmit audio TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-07 20:34:51 UTC
From: Tom Jones N8NMA
Topic: 9590 Message: 9596

OK so the Q8 is there, it is on the other side of the board right under the other transistor.
Guess I just need to look better next time.
Tom

--- On Wed, 9/1/10, n8nma <n8nma@...> wrote:

From: n8nma <n8nma@...>
Subject: [TS-850_450_690] Using the Processor stops transmit audio TS850
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 1, 2010, 10:22 PM

I have an 850 with an 8 mil serial number and whenever I use the processor it stops the transmit audio. Does not do it all the time, but after a few minutes of using it. Turn it off and audio is back. I was looking at the schematic and the board in the radio. It looks like a transistor near the processor board may be at fault. However the board and the board diagram from the service manual match, but the schematic does not. It says it is Q8 which is a 3SK131(M). Which it is not. It has the markings 24 with a line and then 07 diagnally. The schematic shows a four legged transistor and this is a 3 legged one. Any one know what the value or part number is for this?

Tom N8NMA

[Non-text portions of this message have been removed]

9597. Pitch of CW set to 400 or 800 Hz or some where in between?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-08 17:35:34 UTC
From: Carl
Topic: 9597 Message: 9597

I seem to be using CW mode more and more thx to SKCC and would like to know more about Zero Beating to the 800 Hz side tone. I had posted
message# 1780 on Jan 7, 2004, but this time I made some measurements. I know how to zero beat the received cw signal with the 800 Hz side tone. But I still don't fully understand Page 53 of the TS-450S instruction manual programmable function # 40

"The pitch during CW reception can be set anywhere in the range of 400
to 800 Hz in 50 Hz steps." With the Initial State at 800.

I think that this has something to do with changing the BFO offset frequency only, as the pitch of the side tone can't be changed from 800 Hz .

With my Kenwood TS-450S tuned to W1AW (@ 14.04750 MHz Ref QST W1AW code transmissions), I zero beat below and above W1AW (center frequency):

800 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)

14.04759 MHz and 14.04916 MHz with 14.04838 MHz Center Frequency about
800 Hz from W1AW

and

400 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)

14.04719 MHz and 14.04876 MHz with 14.04798 MHz Center Frequency about
400 Hz from W1AW

I know that I can't go below an offset of 400 Hz but if it was zero Hz the center frequency would be nearly 14.04750 MHz ???

So what is better 800 or 400 Hz? What are the pros and cons of those settings?

73 de Carl K6ZXU

9598. TS-450S VOX question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-09 20:28:11 UTC
From: k7zs
Topic: 9598 Message: 9598

Well, the TS-450S is transmitting for the moment, so while it is in this good mood, I thought I would tackle the VOX issue. Perhaps there is a common problem?

I began by tracing audio with the scope. I have audio on the CN6 pin 4 direct from the microphone, and I have adjustable audio on Pin 9 of the VOX unit, the V24 adjusts it's amplitude, so this means Q73 is working. So far, so good. I am puzzled that the pins 1 and 2 are contantly 'high', measuring 7.5v regardless of the vox settings. Not sure this is right?

I switched to tracking down CW (my main desire to see why the CKY line was never going high, or 'active'. Following the circuit description for CKY on page 25 of the service manual, all was well until until trying to get through IC11(1/4). I am getting a high signal on pin 2 when keying the key, but nothing on Pin 1, which talks to pin 6 the BK-IN module. That, in turn, turns on the CKY line I believe. Does this means I have a BAD IC?

So, biggest question is: are pins 1 and 2 on the VOX unit supposed to be high ALL the time? And, is there any way to determine of IC11 is bad, and can it be replaced?!?!?!

Thanks group

-Kevin K7ZS

9599. Re: Pitch of CW set to 400 or 800 Hz or some where in between?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-09 21:28:13 UTC
From: Carl
Topic: 9597 Message: 9599

Hmmm...maybe the first list of frequencies was a little confusing, here is another example:

Station K0XYZ is sending CW @ 14.05000 MHz

I hear K0XYZ and zero beat with K0XYZ at the fallowing frequencies:

800 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
14.05000 MHz and 14.0516 MHz with 14.05080 MHz Center Frequency

or

400 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
14.04960 MHz and 14.05120 MHz with 14.05040 MHz Center Frequency

I don't know...I seem to be getting more and more confused about
was is going on here.

Carl K6ZXU

--- In TS-850_450_690@yahoogroups.com, "Carl" <carlsjc95125@...> wrote:
>
> I seem to be using CW mode more and more thx to SKCC and would like to know more about Zero Beating to the 800 Hz side tone. I had posted
> message# 1780 on Jan 7, 2004, but this time I made some measurements. I know how to zero beat the received cw signal with the 800 Hz side tone. But I still don't fully understand Page 53 of the TS-450S instruction manual programmable function # 40
>
> "The pitch during CW reception can be set anywhere in the range of 400
> to 800 Hz in 50 Hz steps." With the Initial State at 800.
>
> I think that this has something to do with changing the BFO offset frequency only, as the pitch of the side tone can't be changed from 800 Hz .
>
> With my Kenwood TS-450S tuned to W1AW (@ 14.04750 MHz Ref QST W1AW code transmissions), I zero beat below and above W1AW (center frequency):
>
> 800 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)
>
> 14.04759 MHz and 14.04916 MHz with 14.04838 MHz Center Frequency about
> 800 Hz from W1AW
>
> and
>
> 400 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)
>
> 14.04719 MHz and 14.04876 MHz with 14.04798 MHz Center Frequency about
> 400 Hz from W1AW

>
> I know that I can't go below an offset of 400 Hz but if it was zero Hz the center frequency would be nearly 14.04750 MHz ???
>
> So what is better 800 or 400 Hz? What are the pros and cons of those settings?
>
> 73 de Carl K6ZXU
>

9600. Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-09 22:34:32 UTC
From: Bob Naylor
Topic: 9597 Message: 9600

I'll take a stab at this... If you put the rig in LSB, tune in a cw signal so you hear the tone, tune up in frequency and as soon as you no longer hear the tone, you are now at zero beat, the same RX freq as the TX freq. You then put the rig in CW mode and you will hear the CW tone at the freq of the offset you have set (400 or 800 what ever you have it set at). You can do the oposite in USB by tuning above the zero beat freq. In your example you should be at 14.050. The station at the other end should be doing the same thing and both stations should be at 14.050. He will hear his tone at whatever offset freq he has his set at. Hope this helps.   Bob WE6C

--- On Thu, 9/9/10, Carl <carlsjc95125@...> wrote:

From: Carl <carlsjc95125@...>
Subject: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?
To: TS-850_450_690@yahoogroups.com
Date: Thursday, September 9, 2010, 2:28 PM

Hmmm...maybe the first list of frequencies was a little confusing, here is another example:

Station K0XYZ is sending CW @ 14.05000 MHz

I hear K0XYZ and zero beat with K0XYZ at the fallowing frequencies:

800 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)

14.05000 MHz and 14.0516 MHz with 14.05080 MHz Center Frequency

or

400 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)

14.04960 MHz and 14.05120 MHz with 14.05040 MHz Center Frequency

I don't know...I seem to be getting more and more confused about

was is going on here.

Carl K6ZXU

--- In TS-850_450_690@yahoogroups.com, "Carl" <carlsjc95125@...> wrote:

>

> I seem to be using CW mode more and more thx to SKCC and would like to know more about Zero Beating to the 800 Hz side tone. I had posted

> message# 1780 on Jan 7, 2004, but this time I made some measurements. I know how to zero beat the received cw signal with the 800 Hz side tone. But I still don't fully understand Page 53 of the TS-450S instruction manual programmable function # 40

>

> "The pitch during CW reception can be set anywhere in the range of 400

> to 800 Hz in 50 Hz steps." With the Initial State at 800.

>

> I think that this has something to do with changing the BFO offset frequency only, as the pitch of the side tone can't be changed from 800 Hz .

>

> With my Kenwood TS-450S tuned to W1AW (@ 14.04750 MHz Ref QST W1AW code transmissions), I zero beat below and above W1AW (center frequency):

>

> 800 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)

>

> 14.04759 MHz and 14.04916 MHz with 14.04838 MHz Center Frequency about

> 800 Hz from W1AW

>

> and

>

> 400 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)

>

> 14.04719 MHz and 14.04876 MHz with 14.04798 MHz Center Frequency about

> 400 Hz from W1AW

>

> I know that I can't go below an offset of 400 Hz but if it was zero Hz the center frequency would be nearly 14.04750 MHz ???

>

> So what is better 800 or 400 Hz? What are the pros and cons of those settings?

>

> 73 de Carl K6ZXU

>

[Non-text portions of this message have been removed]

9601. Re: TS-450S VOX question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-09 23:07:53 UTC
From: k7zs
Topic: 9598 Message: 9601

I answered 1 of my own questions:

Pin 1 of IC11 does go HIGH with a CW key closure, and keys the radio ONLY WHEN the STANDBY SWITCH is in SEND. So, this all points back to the VOX board and Q55. The VOX board putting HIGH on pins 1 and 2 all the time, regardless of the button position. AND, Q55 does not seem to be conducting to put IC12 pin 9 into a HIGH state, which in turn hits DELAY board pin 3, which after the proper delay turns on Q53 which grounds the SS line, keying the rig. Sounds like Q55 is first to verify, but why is the VOX high all the time?

I almost think I understand how this works, now to find the bad part!

73 Kevin K7ZS

--- In TS-850_450_690@yahoogroups.com, "k7zs" <klahaie@...> wrote:
>
> Well, the TS-450S is transmitting for the moment, so while it is in this good mood, I thought I would tackle the VOX issue. Perhaps there is a common problem?
>
> I began by tracing audio with the scope. I have audio on the CN6 pin 4 direct from the microphone, and I have adjustable audio on Pin 9 of the VOX unit, the V24 adjusts it's amplitude, so this means Q73 is working. So far, so good. I am puzzled that the pins 1 and 2 are contantly 'high', measuring 7.5v regardless of the vox settings. Not sure this is right?
>
> I switched to tracking down CW (my main desire to see why the CKY line was never going high, or 'active'. Following the circuit description for CKY on page 25 of the service manual, all was well until until trying to get through IC11(1/4). I am getting a high signal on pin 2 when keying the key, but nothing on Pin 1, which talks to pin 6 the BK-IN module. That, in turn, turns on the CKY line I believe. Does this means I have a BAD IC?
>
> So, biggest question is: are pins 1 and 2 on the VOX unit supposed to be high ALL the time? And, is there any way to determine of IC11 is bad, and can it be replaced?!?!?!
>
> Thanks group
>
> -Kevin K7ZS
>

9602. Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-10 01:00:48 UTC
From: Zack Widup
Topic: 9597 Message: 9602

You have it backwards. In USB you tune up from below to zero-beat. In LSB
you tune down from above to zero-beat.

Try it! I just did.

73, Zack W9SZ

On Thu, Sep 9, 2010 at 5:34 PM, Bob Naylor <wotbob01@...> wrote:

>
>
> I'll take a stab at this... If you put the rig in LSB, tune in a cw signal
> so you hear the tone, tune up in frequency and as soon as you no longer hear
> the tone, you are now at zero beat, the same RX freq as the TX freq. You
> then put the rig in CW mode and you will hear the CW tone at the freq of the
> offset you have set (400 or 800 what ever you have it set at). You can do
> the oposite in USB by tuning above the zero beat freq. In your example you
> should be at 14.050. The station at the other end should be doing the same
> thing and both stations should be at 14.050. He will hear his tone at
> whatever offset freq he has his set at. Hope this helps. Bob WE6C
>
> --- On Thu, 9/9/10, Carl <carlsjc95125@...<carlsjc95125%40yahoo.com>>
> wrote:
>
> From: Carl <carlsjc95125@... <carlsjc95125%40yahoo.com>>
> Subject: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some
> where in between?
> To: TS-850_450_690@...m <TS-850_450_690%40yahoogroups.com>
> Date: Thursday, September 9, 2010, 2:28 PM
>
>
>
>
>
> Hmmm...maybe the first list of frequencies was a little confusing, here is
> another example:
>
> Station K0XYZ is sending CW @ 14.05000 MHz
>
> I hear K0XYZ and zero beat with K0XYZ at the fallowing frequencies:
>
> 800 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
>
> 14.05000 MHz and 14.0516 MHz with 14.05080 MHz Center Frequency
>
> or

>
> 400 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
>
> 14.04960 MHz and 14.05120 MHz with 14.05040 MHz Center Frequency
>
> I don't know...I seem to be getting more and more confused about
>
> was is going on here.
>
> Carl K6ZXU
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Carl" <carlsjc95125@...> wrote:
>
> >
>
> > I seem to be using CW mode more and more thx to SKCC and would like to
> know more about Zero Beating to the 800 Hz side tone. I had posted
>
> > message# 1780 on Jan 7, 2004, but this time I made some measurements. I
> know how to zero beat the received cw signal with the 800 Hz side tone. But
> I still don't fully understand Page 53 of the TS-450S instruction manual
> programmable function # 40
>
> >
>
> > "The pitch during CW reception can be set anywhere in the range of 400
>
> > to 800 Hz in 50 Hz steps." With the Initial State at 800.
>
> >
>
> > I think that this has something to do with changing the BFO offset
> frequency only, as the pitch of the side tone can't be changed from 800 Hz .
>
> >
>
> > With my Kenwood TS-450S tuned to W1AW (@ 14.04750 MHz Ref QST W1AW code
> transmissions), I zero beat below and above W1AW (center frequency):
>
> >
>
> > 800 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)
>
> >
>
> > 14.04759 MHz and 14.04916 MHz with 14.04838 MHz Center Frequency about
>
> > 800 Hz from W1AW
>

> >
>
> > and
>
> >
>
> > 400 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)
>
> >
>
> > 14.04719 MHz and 14.04876 MHz with 14.04798 MHz Center Frequency about
>
> > 400 Hz from W1AW
>
> >
>
> > I know that I can't go below an offset of 400 Hz but if it was zero Hz
> the center frequency would be nearly 14.04750 MHz ???
>
> >
>
> > So what is better 800 or 400 Hz? What are the pros and cons of those
> settings?
>
> >
>
> > 73 de Carl K6ZXU
>
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9603. RX Problem with TS690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-10 06:59:19 UTC
From: Mansueto Grech
Topic: 9603 Message: 9603

Hi All,
I have a TS-690 for some time now and recently I noticed that the S-Meter starts to go full scale within 5 sec of switch on and the gain is greatly reduced. Same as if I have close the RF gain to give you an idea of the effect. After 30 minutes everything returns to normal.

This only happens on the 6M Band. HF is fine.

I believe it's an AGC problem but what puzzles me is the fact that the effect is on the 6M band only.

Have anyone encountered this problem before before I put my hand in it.

Thank you in advance for any help and assistance.
73's
Mans. 9H1GB]

BTW I have the 50W version.

9604. Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-10 14:52:33 UTC
From: Bob Naylor
Topic: 9597 Message: 9604

Maybe. Between USB and LSB you can find zero beat between the tones. On an 850 you can use the "tune" button to find this zero beat position. Bob WE6C

--- On Thu, 9/9/10, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?
To: TS-850_450_690@yahoogroups.com
Date: Thursday, September 9, 2010, 6:00 PM

You have it backwards. In USB you tune up from below to zero-beat. In LSB
you tune down from above to zero-beat.

Try it! I just did.

73, Zack W9SZ

On Thu, Sep 9, 2010 at 5:34 PM, Bob Naylor <wotbob01@...> wrote:

>
>
> I'll take a stab at this... If you put the rig in LSB, tune in a cw signal
> so you hear the tone, tune up in frequency and as soon as you no longer hear
> the tone, you are now at zero beat, the same RX freq as the TX freq. You
> then put the rig in CW mode and you will hear the CW tone at the freq of the
> offset you have set (400 or 800 what ever you have it set at). You can do
> the oposite in USB by tuning above the zero beat freq. In your example you
> should be at 14.050. The station at the other end should be doing the same
> thing and both stations should be at 14.050. He will hear his tone at
> whatever offset freq he has his set at. Hope this helps.   Bob WE6C
>
> --- On Thu, 9/9/10, Carl <carlsjc95125@...<carlsjc95125%40yahoo.com>>
> wrote:
>
> From: Carl <carlsjc95125@... <carlsjc95125%40yahoo.com>>
> Subject: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some
> where in between?
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Thursday, September 9, 2010, 2:28 PM
>
>
>
>
>
> Hmmm...maybe the first list of frequencies was a little confusing, here is

> another example:
>
> Station K0XYZ is sending CW @ 14.05000 MHz
>
> I hear K0XYZ and zero beat with K0XYZ at the fallowing frequencies:
>
> 800 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
>
> 14.05000 MHz and 14.0516 MHz with 14.05080 MHz Center Frequency
>
> or
>
> 400 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
>
> 14.04960 MHz and 14.05120 MHz with 14.05040 MHz Center Frequency
>
> I don't know...I seem to be getting more and more confused about
>
> was is going on here.
>
> Carl K6ZXU
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "Carl" <carlsjc95125@...> wrote:
>
> >
>
> > I seem to be using CW mode more and more thx to SKCC and would like to
> know more about Zero Beating to the 800 Hz side tone. I had posted
>
> > message# 1780 on Jan 7, 2004, but this time I made some measurements. I
> know how to zero beat the received cw signal with the 800 Hz side tone. But
> I still don't fully understand Page 53 of the TS-450S instruction manual
> programmable function # 40
>
> >
>
> > "The pitch during CW reception can be set anywhere in the range of 400
>
> > to 800 Hz in 50 Hz steps." With the Initial State at 800.
>
> >
>
> > I think that this has something to do with changing the BFO offset
> frequency only, as the pitch of the side tone can't be changed from 800 Hz .
>
> >
>
> > With my Kenwood TS-450S tuned to W1AW (@ 14.04750 MHz Ref QST W1AW code
> transmissions), I zero beat below and above W1AW (center frequency):

>
> >
>
> > 800 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)
>
> >
>
> > 14.04759 MHz and 14.04916 MHz with 14.04838 MHz Center Frequency about
>
> > 800 Hz from W1AW
>
> >
>
> > and
>
> >
>
> > 400 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)
>
> >
>
> > 14.04719 MHz and 14.04876 MHz with 14.04798 MHz Center Frequency about
>
> > 400 Hz from W1AW
>
> >
>
> > I know that I can't go below an offset of 400 Hz but if it was zero Hz
> the center frequency would be nearly 14.04750 MHz ???
>
> >
>
> > So what is better 800 or 400 Hz? What are the pros and cons of those
> settings?
>
> >
>
> > 73 de Carl K6ZXU
>
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...oo! Groups Links

[Non-text portions of this message have been removed]

9605. Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-10 15:06:58 UTC
From: Bob Naylor
Topic: 9597 Message: 9605

Not the first time I've gotten something backwards! LOL! Sometimes I will switch from CW to CW-R and when the tone is exactly the same, then you are at zero beat. It's important to zero beat a CW sig. If you don't, and the sending station has his narrow filters on, then your answer may be out of his passband and he will never hear you. Bob WE6C

--- On Fri, 9/10/10, Bob Naylor <wotbob01@...> wrote:

From: Bob Naylor <wotbob01@...>
Subject: Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?
To: TS-850_450_690@yahoogroups.com
Date: Friday, September 10, 2010, 7:52 AM

Maybe. Between USB and LSB you can find zero beat between the tones. On an 850 you can use the "tune" button to find this zero beat position. Bob WE6C

--- On Thu, 9/9/10, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>

Subject: Re: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some where in between?

To: TS-850_450_690@yahoogroups.com

Date: Thursday, September 9, 2010, 6:00 PM

You have it backwards. In USB you tune up from below to zero-beat. In LSB

you tune down from above to zero-beat.

Try it! I just did.

73, Zack W9SZ

On Thu, Sep 9, 2010 at 5:34 PM, Bob Naylor <wotbob01@...> wrote:

>

>

> I'll take a stab at this... If you put the rig in LSB, tune in a cw signal

> so you hear the tone, tune up in frequency and as soon as you no longer hear

> the tone, you are now at zero beat, the same RX freq as the TX freq. You

> then put the rig in CW mode and you will hear the CW tone at the freq of the

> offset you have set (400 or 800 what ever you have it set at). You can do
> the oposite in USB by tuning above the zero beat freq. In your example you
> should be at 14.050. The station at the other end should be doing the same
> thing and both stations should be at 14.050. He will hear his tone at
> whatever offset freq he has his set at. Hope this helps.   Bob WE6C
>
> --- On Thu, 9/9/10, Carl <carlsjc95125@...<carlsjc95125%40yahoo.com>>
> wrote:
>
> From: Carl <carlsjc95125@... <carlsjc95125%40yahoo.com>>
> Subject: [TS-850_450_690] Re: Pitch of CW set to 400 or 800 Hz or some
> where in between?
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Thursday, September 9, 2010, 2:28 PM
>
>
>
>
> Hmmm...maybe the first list of frequencies was a little confusing, here is
> another example:
>
> Station K0XYZ is sending CW @ 14.05000 MHz
>
> I hear K0XYZ and zero beat with K0XYZ at the fallowing frequencies:
>
> 800 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)
>
> 14.05000 MHz and 14.0516 MHz with 14.05080 MHz Center Frequency
>

> or

>

> 400 Hz Offset Zero Beat with 800 Hz side tone Key Down (VOX OFF)

>

> 14.04960 MHz and 14.05120 MHz with 14.05040 MHz Center Frequency

>

> I don't know...I seem to be getting more and more confused about

>

> was is going on here.

>

> Carl K6ZXU

>

> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,

> "Carl" <carlsjc95125@...> wrote:

>

> >

>

> > I seem to be using CW mode more and more thx to SKCC and would like to

> know more about Zero Beating to the 800 Hz side tone. I had posted

>

> > message# 1780 on Jan 7, 2004, but this time I made some measurements. I

> know how to zero beat the received cw signal with the 800 Hz side tone. But

> I still don't fully understand Page 53 of the TS-450S instruction manual

> programmable function # 40

>

> >

>

> > "The pitch during CW reception can be set anywhere in the range of 400

>

> > to 800 Hz in 50 Hz steps." With the Initial State at 800.

>

> >

>

> > I think that this has something to do with changing the BFO offset

> frequency only, as the pitch of the side tone can't be changed from 800 Hz .

>

> >

>

> > With my Kenwood TS-450S tuned to W1AW (@ 14.04750 MHz Ref QST W1AW code

> transmissions), I zero beat below and above W1AW (center frequency):

>

> >

>

> > 800 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)

>

> >

>

> > 14.04759 MHz and 14.04916 MHz with 14.04838 MHz Center Frequency about

>

> > 800 Hz from W1AW

>

> >

>

> > and

>

> >

>

> > 400 Hz Offset Zero Beat with 800Hz side tone Key Down (VOX OFF)

>

> >

>

> > 14.04719 MHz and 14.04876 MHz with 14.04798 MHz Center Frequency about

>

> > 400 Hz from W1AW

>

> >

>

> > I know that I can't go below an offset of 400 Hz but if it was zero Hz

> the center frequency would be nearly 14.04750 MHz ???

>

> >

>

> > So what is better 800 or 400 Hz? What are the pros and cons of those

> settings?

>

> >

>

> > 73 de Carl K6ZXU

>

> >

>

> [Non-text portions of this message have been removed]

>

>

>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9606. TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 15:27:45 UTC
From: VO1HP
Topic: 9606 Message: 9606

A friends TS-450SAT has lost rx audio. S Meter still moving so rx is working OK but can't hear anything in headphones or internal speaker or external speaker. When problem first happened there was low level audio in speaker by turning vol control all the way clockwise.

In an attempt to resolve the situation for him I removed the top cover and then the speaker and also the metal bracket that holds the speaker. I tightened various circuit board mounting screws that I could see without further dissassembly. When the speaker was reinstalled and also the top cover the audio had now disappeared totally!....

Have no service manual so if anyone can forward an e-copy it would be appreciated. If anyone can point to a typical problem to go look for I can have a shot at it.

My friend is 90 years young and his rig is his main preoccupation so we need to get him back on the air as soon as possible !

73 Frank VO1HP

9607. Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 18:06:56 UTC
From: Tom Osborne
Topic: 9606 Message: 9607

Hi Frank

Go here:

http://www.on4vdv.be/files/manuals/TS-450S_690_Instruction_manual.pdf

73 and GL

Tom W7WHY

A friends TS-450SAT has lost rx audio. S Meter still moving so rx is working OK but can't hear anything in headphones or internal speaker or external speaker. When problem first happened there was low level audio in speaker by turning vol control all the way clockwise.

In an attempt to resolve the situation for him I removed the top cover and then the speaker and also the metal bracket that holds the speaker. I tightened various circuit board mounting screws that I could see without further dissassembly. When the speaker was reinstalled and also the top cover the audio had now disappeared totally!....

Have no service manual so if anyone can forward an e-copy it would be appreciated. If anyone can point to a typical problem to go look for I can have a shot at it.

My friend is 90 years young and his rig is his main preoccupation so we need to get him back on the air as soon as possible !

73 Frank VO1HP

9608. Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 18:37:31 UTC
From: Frank
Topic: 9606 Message: 9608

Tom

Thanks for the link to the instruction manual. I have a copy of that book and now also have the service manual thanks to someone else on the list.

73 Frank VO1HP
----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: September 14, 2010 15:36
Subject: Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Hi Frank

Go here:

http://www.on4vdv.be/files/manuals/TS-450S_690_Instruction_manual.pdf

73 and GL

Tom W7WHY

A friends TS-450SAT has lost rx audio. S Meter still moving so rx is working OK but can't hear anything in headphones or internal speaker or external speaker. When problem first happened there was low level audio in speaker by turning vol control all the way clockwise.

In an attempt to resolve the situation for him I removed the top cover and then the speaker and also the metal bracket that holds the speaker. I tightened various circuit board mounting screws that I could see without further dissassembly. When the speaker was reinstalled and also the top cover the audio had now disappeared totally!....

Have no service manual so if anyone can forward an e-copy it would be appreciated. If anyone can point to a typical problem to go look for I can have a shot at it.

My friend is 90 years young and his rig is his main preoccupation so we need to get him back on the air as soon as possible !

73 Frank VO1HP

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10 04:05:00

[Non-text portions of this message have been removed]

9609. Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 17:47:08 UTC
From: David Rust
Topic: 9606 Message: 9609

Frank, simple things first, have you tried an outboard speaker or headphones on the 450s? Try that first. Then we can go from there.

I had a pal one time that has a new 2 meter rig that lost its audio. He sent it back to Kenwood 2 times and called them the next time. They said it worked perfect when it left there. Make a long story short, he had it mounted in a box with an outboard speaker. The outboard speaker was no good.

Dave 73
W0DLR

[Non-text portions of this message have been removed]

9610. Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 18:57:48 UTC
From: Frank
Topic: 9606 Message: 9610

Yes have tried another external speaker. Also no audio on the headphone jack.
----- Original Message -----
From: David Rust
To: TS-850_450_690@yahoogroups.com
Sent: September 14, 2010 15:17
Subject: Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Frank, simple things first, have you tried an outboard speaker or headphones on the 450s? Try that first. Then we can go from there.

I had a pal one time that has a new 2 meter rig that lost its audio. He sent it back to Kenwood 2 times and called them the next time. They said it worked perfect when it left there. Make a long story short, he had it mounted in a box with an outboard speaker. The outboard speaker was no good.

Dave 73
W0DLR

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10 04:05:00

[Non-text portions of this message have been removed]

9611. Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 21:19:08 UTC
From: Dave ve3wej
Topic: 9606 Message: 9611

do you have cw sidetone, or even cw carrier???

suspecting audio circuit...

----- Original Message -----
From: "Frank" <fdavis@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, September 14, 2010 2:57 PM
Subject: Re: [TS-850_450_690] TS-450S Loss of receiver audio.

> Yes have tried another external speaker. Also no audio on the headphone
> jack.
> ----- Original Message -----
> From: David Rust
> To: TS-850_450_690@yahoogroups.com
> Sent: September 14, 2010 15:17
> Subject: Re: [TS-850_450_690] TS-450S Loss of receiver audio.
>
>
>
> Frank, simple things first, have you tried an outboard speaker or
> headphones on the 450s? Try that first. Then we can go from there.
>
> I had a pal one time that has a new 2 meter rig that lost its audio. He
> sent it back to Kenwood 2 times and called them the next time. They said
> it worked perfect when it left there. Make a long story short, he had it
> mounted in a box with an outboard speaker. The outboard speaker was no
> good.
>
> Dave 73
> W0DLR
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> --
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10

> 04:05:00
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9612. RE: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 17:05:47 UTC
From: Richard Schmuke
Topic: 9606 Message: 9612

I had this problem with a TS-430 that had been used on a sail boat and had a dirty contact.. When you removed the headphones the contacts were corroded and did not reconnect and send the audio to built in speaker or remote. I had to swab out the headphone jack with contact cleaner. Jack is closed in back and could not clean out from inside the rig. I don□t know if 450 is the same but worth a try.

Rich , KdØzz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of VO1HP
Sent: Tuesday, September 14, 2010 10:28 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S Loss of receiver audio.

A friends TS-450SAT has lost rx audio. S Meter still moving so rx is working OK but can't hear anything in headphones or internal speaker or external speaker. When problem first happened there was low level audio in speaker by turning vol control all the way clockwise.

In an attempt to resolve the situation for him I removed the top cover and then the speaker and also the metal bracket that holds the speaker. I tightened various circuit board mounting screws that I could see without further dissassembly. When the speaker was reinstalled and also the top cover the audio had now disappeared totally!....

Have no service manual so if anyone can forward an e-copy it would be appreciated. If anyone can point to a typical problem to go look for I can have a shot at it.

My friend is 90 years young and his rig is his main preoccupation so we need to get him back on the air as soon as possible !

73 Frank VO1HP

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3132 - Release Date: 09/14/10 01:35:00

[Non-text portions of this message have been removed]

9613. Re: [TS-850_450_690] TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 19:47:28 UTC
From: David Rust
Topic: 9606 Message: 9613

Frank, that sounds like the TS820s I have. It had no audio when I got it. I bought it off Ebay knowing that it was that way.

I tried the wiring at the external speaker jack and the headphone jack and got nothing. However, like you say with yours, the S meter was working. So I knew I was down to the audio output stage. It had the audio output chip out of it. I luckily got a replacement from a place in Georgia and that fixed it. Can you find the audio output on the schematic and check some voltages around there?

I haven't looked at the 450s schematic but I will. Anyone else got some ideas for Frank, chime in.
Dave W0DLR

[Non-text portions of this message have been removed]

9614. Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 22:09:10 UTC
From: avvidclif
Topic: 9606 Message: 9614

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com, VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> working OK but can't hear anything in headphones or internal speaker or
> external speaker. When problem first happened there was low level audio
> in speaker by turning vol control all the way clockwise.
>
> In an attempt to resolve the situation for him I removed the top cover
> and then the speaker and also the metal bracket that holds the speaker.
> I tightened various circuit board mounting screws that I could see
> without further dissassembly. When the speaker was reinstalled and also
> the top cover the audio had now disappeared totally!....
>
> Have no service manual so if anyone can forward an e-copy it would be
> appreciated. If anyone can point to a typical problem to go look for I
> can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we
> need to get him back on the air as soon as possible !
>
> 73 Frank VO1HP
>

9615. Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 22:22:23 UTC
From: Frank
Topic: 9606 Message: 9615

Clif

Many tnx for your direction on this problem. I now have a copy of the service manual so will follow your suggestions and see if I can solve the problem

73 Frank VO1HP
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: September 14, 2010 19:39
Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com, VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> working OK but can't hear anything in headphones or internal speaker or
> external speaker. When problem first happened there was low level audio
> in speaker by turning vol control all the way clockwise.
>
> In an attempt to resolve the situation for him I removed the top cover
> and then the speaker and also the metal bracket that holds the speaker.
> I tightened various circuit board mounting screws that I could see
> without further dissassembly. When the speaker was reinstalled and also
> the top cover the audio had now disappeared totally!....
>
> Have no service manual so if anyone can forward an e-copy it would be
> appreciated. If anyone can point to a typical problem to go look for I
> can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we
> need to get him back on the air as soon as possible !
>
> 73 Frank VO1HP
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10 04:05:00

[Non-text portions of this message have been removed]

9616. RE: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-14 22:27:27 UTC
From: David Montgomery
Topic: 9606 Message: 9616

Again, Clif to the rescue!

Clif, You're awesome!

73 de KJ4WKL

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Frank
Sent: Tuesday, September 14, 2010 5:22 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Clif

Many tnx for your direction on this problem. I now have a copy of the
service manual so will follow your suggestions and see if I can solve the
problem

73 Frank VO1HP
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: September 14, 2010 19:39
Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown
electrolytic cap. It has leaked and damaged the PCB. It is in line with the
output of the audio amp and goes to L12 right beside it. The trace from C104
to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> working OK but can't hear anything in headphones or internal speaker or
> external speaker. When problem first happened there was low level audio
> in speaker by turning vol control all the way clockwise.
>
> In an attempt to resolve the situation for him I removed the top cover
> and then the speaker and also the metal bracket that holds the speaker.
> I tightened various circuit board mounting screws that I could see
> without further dissassembly. When the speaker was reinstalled and also
> the top cover the audio had now disappeared totally!....
>

> Have no service manual so if anyone can forward an e-copy it would be
> appreciated. If anyone can point to a typical problem to go look for I
> can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we
> need to get him back on the air as soon as possible !
>
> 73 Frank VO1HP
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10
04:05:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.445 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10
06:35:00

[Non-text portions of this message have been removed]

9617. TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-17 02:32:41 UTC
From: Alex
Topic: 9617 Message: 9617

Dear all

I have a TS 690 with full scale S meter/ no audio problem.
I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts.

My question is
1) Does the leaked capacitor had effect on the AGC line voltage?
2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
3)Should i remove the 455 filter and check if it was damage by the leak?
4) What other points to check ,specially on the IF board.

Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.

Thank you,
Alex
DV1TBX

9618. Re: [TS-850_450_690] TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-17 19:24:17 UTC
From: Dave ve3wej
Topic: 9617 Message: 9618

not sure if this was asked, but did you check your rf gain setting????

----- Original Message -----
From: "Alex" <a.barbon@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, September 16, 2010 10:32 PM
Subject: [TS-850_450_690] TS 690S AGC / no receive audio problem

> Dear all
>
> I have a TS 690 with full scale S meter/ no audio problem.
> I did found out on the IF board the c104 capacitor already leak, i
> replaced it with a 440uF temporarily (original its 470uF) but still i
> have full scale meter and no audio. Also i measured the AGC line i got a
> 1.9volts reading based on the service manual it should be 3 volts.
>
> My question is
> 1) Does the leaked capacitor had effect on the AGC line voltage?
> 2) Sorry i cant find the C104 and L12 on the diagram, what is its
> function?
> 3)Should i remove the 455 filter and check if it was damage by the leak?
> 4) What other points to check ,specially on the IF board.
>
> Hope someone can give me a tip, the forum help me a lot how to approach
> the problem speacially Clif's technical answers about full scale meter
> problem. Hope he can give a clue to me, also other forum members who
> already repaired and solve this problem.
>
> Thank you,
> Alex
> DV1TBX
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9619. Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-17 20:20:24 UTC
From: avvidclif
Topic: 9617 Message: 9619

Did you clean the board when you replaced C104?

The electrolytic is conductive and can short lines to grouns as well as eat traces. The AGC line runs by where the leaking cap was, start looking closely at the board for contamination. Sometimes I have had to remove the 455 filters and clean under them.

Also check for other leaking caps on the board.

Clif

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
> Dear all
>
> I have a TS 690 with full scale S meter/ no audio problem.
> I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts.
>
> My question is
> 1) Does the leaked capacitor had effect on the AGC line voltage?
> 2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
> 3)Should i remove the 455 filter and check if it was damage by the leak?
> 4) What other points to check ,specially on the IF board.
>
> Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.
>
> Thank you,
> Alex
> DV1TBX
>

9620. Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-17 23:49:49 UTC
From: cintrans
Topic: 9617 Message: 9620

Alex

I have / had the same issue on my TS-450,
- You will find C104 & L12 in the top right corner of the IF board diagram near connector CN13
- I changed C104 and got the audio back after the radio warmed up
- When the radio was cold, i had the full scale S meter reading with very low audio allso (seems a common issue..)
- On Clif's advise i removed CF1, 2 & 3 and cleaned up under them, found allso a open trace near the cooling fin of IC5.
- When i started the radio up again, there were only 2 digits that stayed on anymore on the s meter when the radio was cold (went away as the radio heats up). I "adjusted" those away via VR10
- Unfortunatly the front end of the radio is now wide open as i probably damaged the Murata 455 filter when i took it out..... i am still in the process of trying to fix that!!
At least the AF and AGC seem to be working now the way they should...

GL
73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
> Dear all
>
> I have a TS 690 with full scale S meter/ no audio problem.
> I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts.
>
> My question is
> 1) Does the leaked capacitor had effect on the AGC line voltage?
> 2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
> 3)Should i remove the 455 filter and check if it was damage by the leak?
> 4) What other points to check ,specially on the IF board.
>
> Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.
>
> Thank you,
> Alex
> DV1TBX
>

9621. VOX trouble

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-18 15:59:14 UTC
From: David Montgomery
Topic: 9621 Message: 9621

Need help on my 450. When I enable the VOX it am having trouble. When I modulate, it keys normally, but when I stop modulating, there is a relay in the back of the rig that keeps clicking and I can vary its clicking frequency with the Delay pot of the front. It will never unkey on its own, simply click click click click..

Any one seen this problem before.

Also note, I did adj. the two pots on the side, ANTI and sensitivity, but nothing will fix or stop the relay from clicking on the back of the rig.

Thanks, KJ4WKL

[Non-text portions of this message have been removed]

9622. Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-18 17:07:26 UTC
From: Frank
Topic: 9606 Message: 9622

Clif

I have located C104 on the TS450SAt IF board. There is severe leaking. So much that the positive lead has been eaten away from the capacitor. I have successfully removed C104 and the broken lead and cleaned the board. There does not appear to be any permanent damage to the traces on the board. There is discoloration but not eaten away.

I have a 500uf 10V that I could install to replace C104.....is the value of C104 at 470uf 10V critical.?

I have taken pictures during the process if anyone would like to see them.

Thanks for your help
Frank VO1HP

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: September 14, 2010 19:39
Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com, VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> working OK but can't hear anything in headphones or internal speaker or
> external speaker. When problem first happened there was low level audio
> in speaker by turning vol control all the way clockwise.
>
> In an attempt to resolve the situation for him I removed the top cover
> and then the speaker and also the metal bracket that holds the speaker.
> I tightened various circuit board mounting screws that I could see
> without further dissassembly. When the speaker was reinstalled and also
> the top cover the audio had now disappeared totally!....
>
> Have no service manual so if anyone can forward an e-copy it would be
> appreciated. If anyone can point to a typical problem to go look for I
> can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we
> need to get him back on the air as soon as possible !

>
> 73 Frank VO1HP
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10 04:05:00

[Non-text portions of this message have been removed]

9623. Re: [TS-850_450_690] VOX trouble

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-18 18:36:01 UTC
From: Dave ve3wej
Topic: 9621 Message: 9623

your mike gain may be so high, the mike is picking up up enough to kick in the vox.

turn down the vox gain, increase or decrease the delay. decrease your background noises???

----- Original Message -----
From: "David Montgomery" <montgomeryalabama@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 18, 2010 11:59 AM
Subject: [TS-850_450_690] VOX trouble

> Need help on my 450. When I enable the VOX it am having trouble. When I
> modulate, it keys normally, but when I stop modulating, there is a relay
> in
> the back of the rig that keeps clicking and I can vary its clicking
> frequency with the Delay pot of the front. It will never unkey on its own,
> simply click click click click..
>
>
>
> Any one seen this problem before.
>
>
>
> Also note, I did adj. the two pots on the side, ANTI and sensitivity, but
> nothing will fix or stop the relay from clicking on the back of the rig.
>
>
>
> Thanks, KJ4WKL
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9624. RE: [TS-850_450_690] VOX trouble

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-18 19:31:50 UTC
From: David Montgomery
Topic: 9621 Message: 9624

Nope, that's not it..

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dave ve3wej
Sent: Saturday, September 18, 2010 1:36 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] VOX trouble

your mike gain may be so high, the mike is picking up up enough to kick in
the vox.

turn down the vox gain, increase or decrease the delay. decrease your
background noises???

----- Original Message -----
From: "David Montgomery" <montgomeryalabama@...
<mailto:montgomeryalabama%40hotmail.com> >
To: <TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> >
Sent: Saturday, September 18, 2010 11:59 AM
Subject: [TS-850_450_690] VOX trouble

> Need help on my 450. When I enable the VOX it am having trouble. When I
> modulate, it keys normally, but when I stop modulating, there is a relay
> in
> the back of the rig that keeps clicking and I can vary its clicking
> frequency with the Delay pot of the front. It will never unkey on its own,
> simply click click click click..
>
>
>
> Any one seen this problem before.
>
>
>
> Also note, I did adj. the two pots on the side, ANTI and sensitivity, but
> nothing will fix or stop the relay from clicking on the back of the rig.
>
>
>
> Thanks, KJ4WKL
>
>
>
> [Non-text portions of this message have been removed]
>

>
>
> ---
>
> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.445 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10
06:34:00

[Non-text portions of this message have been removed]

9625. RE: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-18 18:25:27 UTC
From: Richard Schmuke
Topic: 9606 Message: 9625

Please up load your picture to the photo section so we can share.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Frank
Sent: Saturday, September 18, 2010 12:07 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Clif

I have located C104 on the TS450SAt IF board. There is severe leaking. So much that the positive lead has been eaten away from the capacitor. I have successfully removed C104 and the broken lead and cleaned the board. There does not appear to be any permanent damage to the traces on the board. There is discoloration but not eaten away.

I have a 500uf 10V that I could install to replace C104.....is the value of C104 at 470uf 10V critical.?

I have taken pictures during the process if anyone would like to see them.

Thanks for your help
Frank VO1HP

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: September 14, 2010 19:39
Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> working OK but can't hear anything in headphones or internal speaker or
> external speaker. When problem first happened there was low level audio
> in speaker by turning vol control all the way clockwise.
>

> In an attempt to resolve the situation for him I removed the top cover
> and then the speaker and also the metal bracket that holds the speaker.
> I tightened various circuit board mounting screws that I could see
> without further dissassembly. When the speaker was reinstalled and also
> the top cover the audio had now disappeared totally!....
>
> Have no service manual so if anyone can forward an e-copy it would be
> appreciated. If anyone can point to a typical problem to go look for I
> can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we
> need to get him back on the air as soon as possible !
>
> 73 Frank VO1HP
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10
04:05:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10
01:34:00

[Non-text portions of this message have been removed]

9626. Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-18 20:18:14 UTC
From: avvidclif
Topic: 9606 Message: 9626

That will do fine. Look closely at the trace on top of the board that goes to L12.

Clif

--- In TS-850_450_690@yahoogroups.com, "Frank" <fdavis@...> wrote:
>
> Clif
>
> I have located C104 on the TS450SAt IF board. There is severe leaking. So much that the positive lead has been eaten away from the capacitor. I have successfully removed C104 and the broken lead and cleaned the board. There does not appear to be any permanent damage to the traces on the board. There is discoloration but not eaten away.
>
> I have a 500uf 10V that I could install to replace C104.....is the value of C104 at 470uf 10V critical.?
>
> I have taken pictures during the process if anyone would like to see them.
>
> Thanks for your help
> Frank VO1HP
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: September 14, 2010 19:39
> Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.
>
>
>
> Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, VO1HP <fdavis@> wrote:
> >
> > A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> > working OK but can't hear anything in headphones or internal speaker or
> > external speaker. When problem first happened there was low level audio
> > in speaker by turning vol control all the way clockwise.
> >
> > In an attempt to resolve the situation for him I removed the top cover

> > and then the speaker and also the metal bracket that holds the speaker.
> > I tightened various circuit board mounting screws that I could see
> > without further dissassembly. When the speaker was reinstalled and also
> > the top cover the audio had now disappeared totally!....
> >
> > Have no service manual so if anyone can forward an e-copy it would be
> > appreciated. If anyone can point to a typical problem to go look for I
> > can have a shot at it.
> >
> > My friend is 90 years young and his rig is his main preoccupation so we
> > need to get him back on the air as soon as possible !
> >
> > 73 Frank VO1HP
> >
>
>
>
>
>
>
> ---
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10 04:05:00
>
>
> [Non-text portions of this message have been removed]
>

9627. Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-19 11:32:00 UTC
From: Frank
Topic: 9606 Message: 9627

Pictures now loaded showing damaged C104 on TS450 IF Board.

See album: TS-450SAT C104 Damage - uploaded Sep 19 2010

Thanks to all on list for the help - especially Clif. C104 had positive lead totally eaten away by leakage.
Replaced it with a 500uf 10v cap and TS450 now working all OK .

Rig being returned to its 90 year old today !

73 Frank VO1HP

----- Original Message -----
From: Richard Schmuke
To: TS-850_450_690@...m
Sent: September 18, 2010 15:55
Subject: RE: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Please up load your picture to the photo section so we can share.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Frank
Sent: Saturday, September 18, 2010 12:07 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Clif

I have located C104 on the TS450SAt IF board. There is severe leaking. So much that the positive lead has been eaten away from the capacitor. I have successfully removed C104 and the broken lead and cleaned the board. There does not appear to be any permanent damage to the traces on the board. There is discoloration but not eaten away.

I have a 500uf 10V that I could install to replace C104.....is the value of C104 at 470uf 10V critical.?

I have taken pictures during the process if anyone would like to see them.

Thanks for your help
Frank VO1HP

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: September 14, 2010 19:39
Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is working OK but can't hear anything in headphones or internal speaker or external speaker. When problem first happened there was low level audio in speaker by turning vol control all the way clockwise.
>
> In an attempt to resolve the situation for him I removed the top cover and then the speaker and also the metal bracket that holds the speaker. I tightened various circuit board mounting screws that I could see without further dissassembly. When the speaker was reinstalled and also the top cover the audio had now disappeared totally!....
>
> Have no service manual so if anyone can forward an e-copy it would be appreciated. If anyone can point to a typical problem to go look for I can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we need to get him back on the air as soon as possible !
>
> 73 Frank VO1HP
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10 04:05:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10 01:34:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com

Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10 04:04:00

[Non-text portions of this message have been removed]

9628. RE: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-19 17:48:39 UTC
From: Richard Schmuke
Topic: 9606 Message: 9628

Frank , thanks for posting the pictures and if I ever make it to 90 I hope to meet a person as nice as you.

Rich

Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Pictures now loaded showing damaged C104 on TS450 IF Board.

See album: TS-450SAT C104 Damage - uploaded Sep 19 2010

Thanks to all on list for the help - especially Clif. C104 had positive lead totally eaten away by leakage.
Replaced it with a 500uf 10v cap and TS450 now working all OK .

Rig being returned to its 90 year old today !

73 Frank VO1HP

----- Original Message -----
From: Richard Schmuke
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: September 18, 2010 15:55
Subject: RE: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Please up load your picture to the photo section so we can share.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Frank
Sent: Saturday, September 18, 2010 12:07 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Clif

I have located C104 on the TS450SAt IF board. There is severe leaking. So much that the positive lead has been eaten away from the capacitor. I have successfully removed C104 and the broken lead and cleaned the board. There does not appear to be any permanent damage to the traces on the board. There is discoloration but not eaten away.

I have a 500uf 10V that I could install to replace C104.....is the value of C104 at 470uf 10V critical.?

I have taken pictures during the process if anyone would like to see them.

Thanks for your help
Frank VO1HP

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> <mailto:TS-850_450_690%40yahoogroups.com>

Sent: September 14, 2010 19:39
Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown electrolytic cap. It has leaked and damaged the PCB. It is in line with the output of the audio amp and goes to L12 right beside it. The trace from C104 to L12 is on the top of the board and most likely the one damaged.

Clif

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> <mailto:TS-850_450_690%40yahoogroups.com> , VO1HP <fdavis@...> wrote:
>
> A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> working OK but can't hear anything in headphones or internal speaker or
> external speaker. When problem first happened there was low level audio
> in speaker by turning vol control all the way clockwise.
>
> In an attempt to resolve the situation for him I removed the top cover
> and then the speaker and also the metal bracket that holds the speaker.
> I tightened various circuit board mounting screws that I could see
> without further dissassembly. When the speaker was reinstalled and also
> the top cover the audio had now disappeared totally!....
>
> Have no service manual so if anyone can forward an e-copy it would be
> appreciated. If anyone can point to a typical problem to go look for I
> can have a shot at it.
>
> My friend is 90 years young and his rig is his main preoccupation so we
> need to get him back on the air as soon as possible !
>
> 73 Frank VO1HP
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10

04:05:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10
01:34:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10
04:04:00

[Non-text portions of this message have been removed]

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3145 - Release Date: 09/19/10
01:34:00

[Non-text portions of this message have been removed]

9629. Kenwood TS-850S S Meter Receive Signal Decreases when Radio Warms Up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-19 22:02:48 UTC
From: k5box
Topic: 9629 Message: 9629

My TS-850S seems to receive just fine [audio volume]and S units look fine untill it warms up[about 20 minutes] then the S units decrease to less than S2 when it started out as a S9.Audio doesn't seem to decrease
Cap leakage somewhere?
Tnx for any trouble shooting hints.
K5box

9630. Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 00:36:00 UTC
From: VO1HP
Topic: 9606 Message: 9630

Rich

Tnx for the nice comment. I try to help him out when he requests it
which is not that often. Just elated that I was able to fix the
problem and get his rig back on the air. I am not a technician so
trouble shooting was out of the question. Its great that these groups
exist where you can go and get help when you need it.

I guess we both got lucky on this one.!...he - in that his rig is fixed
for $0 cost and myself - in that I made it happen for him with expert
from people I don't even know!

73 Frank VO1HP

On 19/09/2010 5:48 PM, Richard Schmuke wrote:
>
> Frank , thanks for posting the pictures and if I ever make it to 90 I hope
> to meet a person as nice as you.
>
> Rich
>
> Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.
>
> Pictures now loaded showing damaged C104 on TS450 IF Board.
>
> See album: TS-450SAT C104 Damage - uploaded Sep 19 2010
>
> Thanks to all on list for the help - especially Clif. C104 had
> positive lead
> totally eaten away by leakage.
> Replaced it with a 500uf 10v cap and TS450 now working all OK .
>
> Rig being returned to its 90 year old today !
>
> 73 Frank VO1HP
>
> ----- Original Message -----
> From: Richard Schmuke
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
>
> Sent: September 18, 2010 15:55
> Subject: RE: [TS-850_450_690] Re: TS-450S Loss of receiver audio.
>
> Please up load your picture to the photo section so we can share.

>
> Rich , Kd0zz
>
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Frank
> Sent: Saturday, September 18, 2010 12:07 PM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
>
> Subject: Re: [TS-850_450_690] Re: TS-450S Loss of receiver audio.
>
> Clif
>
> I have located C104 on the TS450SAt IF board. There is severe leaking. So
> much that the positive lead has been eaten away from the capacitor. I have
> successfully removed C104 and the broken lead and cleaned the board. There
> does not appear to be any permanent damage to the traces on the board.
> There
> is discoloration but not eaten away.
>
> I have a 500uf 10V that I could install to replace C104.....is the
> value of
> C104 at 470uf 10V critical.?
>
> I have taken pictures during the process if anyone would like to see them.
>
> Thanks for your help
> Frank VO1HP
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
>
> Sent: September 14, 2010 19:39
> Subject: [TS-850_450_690] Re: TS-450S Loss of receiver audio.
>
> Go to the IF unit. Locate the 455 IF filters. Beside them is C104, a brown
> electrolytic cap. It has leaked and damaged the PCB. It is in line
> with the
> output of the audio amp and goes to L12 right beside it. The trace
> from C104

> to L12 is on the top of the board and most likely the one damaged.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com> , VO1HP <fdavis@...> wrote:
> >
> > A friends TS-450SAT has lost rx audio. S Meter still moving so rx is
> > working OK but can't hear anything in headphones or internal speaker or
> > external speaker. When problem first happened there was low level audio
> > in speaker by turning vol control all the way clockwise.
> >
> > In an attempt to resolve the situation for him I removed the top cover
> > and then the speaker and also the metal bracket that holds the speaker.
> > I tightened various circuit board mounting screws that I could see
> > without further dissassembly. When the speaker was reinstalled and also
> > the top cover the audio had now disappeared totally!....
> >
> > Have no service manual so if anyone can forward an e-copy it would be
> > appreciated. If anyone can point to a typical problem to go look for I
> > can have a shot at it.
> >
> > My friend is 90 years young and his rig is his main preoccupation so we
> > need to get him back on the air as soon as possible !
> >
> > 73 Frank VO1HP
> >
>
> --
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3134 - Release Date: 09/14/10
> 04:05:00
>
> [Non-text portions of this message have been removed]
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10
> 01:34:00
>
> [Non-text portions of this message have been removed]
>
> --
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com

> Version: 9.0.851 / Virus Database: 271.1.1/3143 - Release Date: 09/18/10
> 04:04:00
>
> [Non-text portions of this message have been removed]
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3145 - Release Date: 09/19/10
> 01:34:00
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3145 - Release Date: 09/19/10 06:34:00
>

[Non-text portions of this message have been removed]

9631. Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 07:42:15 UTC
From: Alex
Topic: 9617 Message: 9631

Dear All

Thank you for the info for my problem, I already removed and clean the murata filters square black plastic, but still i have full scale on the meter, one improvement i get is i can hear strong Shortwave broadcast station even full scale meter on the 11 Mhz region. Is this a good sign? I didnt remove the steel cased filter though, do i need to check it also or clean? Ill check again for open trace on the board, wish me luck!! Any advise is gladly welcome.

Thank you,
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@...> wrote:
>
> Alex
>
> I have / had the same issue on my TS-450,
> - You will find C104 & L12 in the top right corner of the IF board diagram near connector CN13
> - I changed C104 and got the audio back after the radio warmed up
> - When the radio was cold, i had the full scale S meter reading with very low audio allso (seems a common issue..)
> - On Clif's advise i removed CF1, 2 & 3 and cleaned up under them, found allso a open trace near the cooling fin of IC5.
> - When i started the radio up again, there were only 2 digits that stayed on anymore on the s meter when the radio was cold (went away as the radio heats up). I "adjusted" those away via VR10
> - Unfortunatly the front end of the radio is now wide open as i probably damaged the Murata 455 filter when i took it out..... i am still in the process of trying to fix that!!
> At least the AF and AGC seem to be working now the way they should...
>
> GL
> 73's de P43A, Jean-Pierre
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> > Dear all
> >
> > I have a TS 690 with full scale S meter/ no audio problem.
> > I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts.

> >
> > My question is
> > 1) Does the leaked capacitor had effect on the AGC line voltage?
> > 2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
> > 3)Should i remove the 455 filter and check if it was damage by the leak?
> > 4) What other points to check ,specially on the IF board.
> >
> > Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.
> >
> > Thank you,
> > Alex
> > DV1TBX
> >
>

9632. Re: [TS-850_450_690] Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 12:41:11 UTC
From: Rodrigo
Topic: 9617 Message: 9632

Hello all,

I´ve the same problem with my TS-450SAT...full scale S-Meter with the radio cold...seems to go back normal as the radio warms up..

There was a C104 leaked too that I replaced and got the audio receive back...but still the S-meter problem.

I will post any news

73

Rod

----- Original Message -----
From: Alex
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 20, 2010 4:42 AM
Subject: [TS-850_450_690] Re: TS 690S AGC / no receive audio problem

Dear All

Thank you for the info for my problem, I already removed and clean the murata filters square black plastic, but still i have full scale on the meter, one improvement i get is i can hear strong Shortwave broadcast station even full scale meter on the 11 Mhz region. Is this a good sign? I didnt remove the steel cased filter though, do i need to check it also or clean? Ill check again for open trace on the board, wish me luck!! Any advise is gladly welcome.

Thank you,
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@...> wrote:
>
> Alex
>
> I have / had the same issue on my TS-450,
> - You will find C104 & L12 in the top right corner of the IF board diagram near connector CN13
> - I changed C104 and got the audio back after the radio warmed up
> - When the radio was cold, i had the full scale S meter reading with very low audio allso (seems a common issue..)
> - On Clif's advise i removed CF1, 2 & 3 and cleaned up under them, found allso a open trace near the cooling fin of IC5.
> - When i started the radio up again, there were only 2 digits that stayed on anymore on the s meter when the radio was cold (went away as the radio heats up). I "adjusted" those

away via VR10
> - Unfortunatly the front end of the radio is now wide open as i probably damaged the Murata 455 filter when i took it out..... i am still in the process of trying to fix that!!
> At least the AF and AGC seem to be working now the way they should...
>
> GL
> 73's de P43A, Jean-Pierre
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> > Dear all
> >
> > I have a TS 690 with full scale S meter/ no audio problem.
> > I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts.
> >
> > My question is
> > 1) Does the leaked capacitor had effect on the AGC line voltage?
> > 2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
> > 3)Should i remove the 455 filter and check if it was damage by the leak?
> > 4) What other points to check ,specially on the IF board.
> >
> > Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.
> >
> > Thank you,
> > Alex
> > DV1TBX
> >
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3146 - Release Date: 09/19/10 15:34:00

[Non-text portions of this message have been removed]

9633. Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 13:01:36 UTC
From: avvidclif
Topic: 9617 Message: 9633

The S-meter indicates AGC voltage. The higher the S-meter reading the lower the AGC voltage. The AGC voltage controls the gain of the receiver, lower AGC voltage = lower receive due to reduced gain. The S-meter is not the problem, it just tells you what the problem is, low AGC voltage. One more comment about AGC voltage. It is Automatic Gain Control, AGC, it's function is to automatically maintain the gain of the receiver to hold a steady audio level out the speaker. As long as the AGC is working, IE; indicating, then the audio level shouldn't change.

This can be caused by leaking caps which short the AGC line to ground. This is usually accompanied by varying AGC voltage (s-meter reading) because the leaking electrolytic acts like a variable resistor that moves around. It changes value from cold to hot.

When the AGC voltage doesn't change from cold to hot and I have checked the board very carefully for bad/shorted traces caused by a leaking cap, I then check each FET controlled by the AGC and usually find one that is shorted/leaky. Often they respond to a shot of freeze spray. That doesn't fix it, just tells you the FET is leaky and needs to be replaced.

Clif

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@...> wrote:
>
>
> Hello all,
>
> I´ve the same problem with my TS-450SAT...full scale S-Meter with the radio cold...seems to go back normal as the radio warms up..
>
> There was a C104 leaked too that I replaced and got the audio receive back...but still the S-meter problem.
>
> I will post any news
>
> 73
>
> Rod
>
>
>
>
>
>
>
> ----- Original Message -----
> From: Alex
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, September 20, 2010 4:42 AM

> Subject: [TS-850_450_690] Re: TS 690S AGC / no receive audio problem
>
>
>
>
> Dear All
>
> Thank you for the info for my problem, I already removed and clean the murata filters square black plastic, but still i have full scale on the meter, one improvement i get is i can hear strong Shortwave broadcast station even full scale meter on the 11 Mhz region. Is this a good sign? I didnt remove the steel cased filter though, do i need to check it also or clean? Ill check again for open trace on the board, wish me luck!! Any advise is gladly welcome.
>
> Thank you,
> Alex
> DV1TBX
>
> --- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@> wrote:
> >
> > Alex
> >
> > I have / had the same issue on my TS-450,
> > - You will find C104 & L12 in the top right corner of the IF board diagram near connector CN13
> > - I changed C104 and got the audio back after the radio warmed up
> > - When the radio was cold, i had the full scale S meter reading with very low audio allso (seems a common issue..)
> > - On Clif's advise i removed CF1, 2 & 3 and cleaned up under them, found allso a open trace near the cooling fin of IC5.
> > - When i started the radio up again, there were only 2 digits that stayed on anymore on the s meter when the radio was cold (went away as the radio heats up). I "adjusted" those away via VR10
> > - Unfortunatly the front end of the radio is now wide open as i probably damaged the Murata 455 filter when i took it out..... i am still in the process of trying to fix that!!
> > At least the AF and AGC seem to be working now the way they should...
> >
> > GL
> > 73's de P43A, Jean-Pierre
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> > >
> > > Dear all
> > >
> > > I have a TS 690 with full scale S meter/ no audio problem.
> > > I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should

be 3 volts.
> > >
> > > My question is
> > > 1) Does the leaked capacitor had effect on the AGC line voltage?
> > > 2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
> > > 3)Should i remove the 455 filter and check if it was damage by the leak?
> > > 4) What other points to check ,specially on the IF board.
> > >
> > > Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.
> > >
> > > Thank you,
> > > Alex
> > > DV1TBX
> > >
> >
>
>
>
>
>
>
> ---
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3146 - Release Date: 09/19/10 15:34:00
>
>
> [Non-text portions of this message have been removed]
>

9634. RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 15:17:17 UTC
From: msadams60
Topic: 9634 Message: 9634

Hi Gang,

Has anyone tried this:

http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721

I assume that the level conversion is built into the cable.

Thanks,
Mark K2QO
FN03ra

9635. Re: [TS-850_450_690] RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 15:50:46 UTC
From: Zack Widup
Topic: 9634 Message: 9635

Hmm ... they must cram the conversion chips into that little DSUB-9 plug.

I built my own box using a couple MAX232's and a 7404. It's bigger and
requires a wall wart or other 12 volt supply to power it but it works fine.

73, Zack W9SZ

On Mon, Sep 20, 2010 at 10:17 AM, msadams60 <msadams60@gmail.com> wrote:

>
>
> Hi Gang,
>
> Has anyone tried this:
>
>
> http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721
>
> I assume that the level conversion is built into the cable.
>
> Thanks,
> Mark K2QO
> FN03ra
>
>
>

[Non-text portions of this message have been removed]

9636. RE: [TS-850_450_690] RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 15:53:15 UTC
From: Dave Montgomery
Topic: 9634 Message: 9636

I have, and the first one didn't work and then, the second one didn't work. I ended up with this and it works Great! And I got it in two days, verses the afordable radio (ebay) one that you referenced, comes from Canada. took 10 days to get here.

http://hosenose.com/detail.asp?product_id=LCU-3
The LCU-3 and yes, the level conversion is built into the cable. Reccomend the above link for a Good CAT cable.

r, KJ4WKL

To: TS-850_450_690@yahoogroups.com
From: msadams60@...
Date: Mon, 20 Sep 2010 15:17:17 +0000
Subject: [TS-850_450_690] RS 232

Hi Gang,

Has anyone tried this:

http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721

I assume that the level conversion is built into the cable.

Thanks,
Mark K2QO
FN03ra

[Non-text portions of this message have been removed]

9637. Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 15:32:31 UTC
From: Alex
Topic: 9617 Message: 9637

Cliff

Thank you for the continued tech advice here, its a great help, now i had the 690 receiving but i think its ok when the radio is on for a couple of mins, i think its still a capacitor issue but iam near i know. Ill still continue to replace capacitors.

I still have one issue here, the display contrast is very strong the display is hard to see now, ill view it side view to see the numbers. Is there any display brightness / contrast adjustment for this radio?

Again thank you for all the tech support given by the members,

73,
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The S-meter indicates AGC voltage. The higher the S-meter reading the lower the AGC voltage. The AGC voltage controls the gain of the receiver, lower AGC voltage = lower receive due to reduced gain. The S-meter is not the problem, it just tells you what the problem is, low AGC voltage. One more comment about AGC voltage. It is Automatic Gain Control, AGC, it's function is to automatically maintain the gain of the receiver to hold a steady audio level out the speaker. As long as the AGC is working, IE; indicating, then the audio level shouldn't change.
>
> This can be caused by leaking caps which short the AGC line to ground. This is usually accompanied by varying AGC voltage (s-meter reading) because the leaking electrolytic acts like a variable resistor that moves around. It changes value from cold to hot.
>
> When the AGC voltage doesn't change from cold to hot and I have checked the board very carefully for bad/shorted traces caused by a leaking cap, I then check each FET controlled by the AGC and usually find one that is shorted/leaky. Often they respond to a shot of freeze spray. That doesn't fix it, just tells you the FET is leaky and needs to be replaced.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> >
> > Hello all,
> >
> > I´ve the same problem with my TS-450SAT...full scale S-Meter with the radio cold...seems to go back normal as the radio warms up..
> >

> > There was a C104 leaked too that I replaced and got the audio receive back...but still the S-meter problem.
> >
> > I will post any news
> >
> > 73
> >
> > Rod
> >
> >
> >
> >
> >
> >
> > ----- Original Message -----
> > From: Alex
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, September 20, 2010 4:42 AM
> > Subject: [TS-850_450_690] Re: TS 690S AGC / no receive audio problem
> >
> >
> >
> >
> > Dear All
> >
> > Thank you for the info for my problem, I already removed and clean the murata filters square black plastic, but still i have full scale on the meter, one improvement i get is i can hear strong Shortwave broadcast station even full scale meter on the 11 Mhz region. Is this a good sign? I didnt remove the steel cased filter though, do i need to check it also or clean? Ill check again for open trace on the board, wish me luck!! Any advise is gladly welcome.
> >
> > Thank you,
> > Alex
> > DV1TBX
> >
> > --- In TS-850_450_690@yahoogroups.com, "cintrans" <p43a@> wrote:
> > >
> > > Alex
> > >
> > > I have / had the same issue on my TS-450,
> > > - You will find C104 & L12 in the top right corner of the IF board diagram near connector CN13
> > > - I changed C104 and got the audio back after the radio warmed up
> > > - When the radio was cold, i had the full scale S meter reading with very low audio allso (seems a common issue..)
> > > - On Clif's advise i removed CF1, 2 & 3 and cleaned up under them, found allso a open trace near the cooling fin of IC5.
> > > - When i started the radio up again, there were only 2 digits that stayed on anymore on the s meter when the radio was cold (went away as the radio heats up). I "adjusted"

those away via VR10
> > > - Unfortunatly the front end of the radio is now wide open as i probably damaged the Murata 455 filter when i took it out..... i am still in the process of trying to fix that!!
> > > At least the AF and AGC seem to be working now the way they should...
> > >
> > > GL
> > > 73's de P43A, Jean-Pierre
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> > > >
> > > > Dear all
> > > >
> > > > I have a TS 690 with full scale S meter/ no audio problem.
> > > > I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts.
> > > >
> > > > My question is
> > > > 1) Does the leaked capacitor had effect on the AGC line voltage?
> > > > 2) Sorry i cant find the C104 and L12 on the diagram, what is its function?
> > > > 3)Should i remove the 455 filter and check if it was damage by the leak?
> > > > 4) What other points to check ,specially on the IF board.
> > > >
> > > > Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem.
> > > >
> > > > Thank you,
> > > > Alex
> > > > DV1TBX
> > > >
> > >
> >
> >
> >
> >
> >
> >
> > --
> >
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 9.0.851 / Virus Database: 271.1.1/3146 - Release Date: 09/19/10 15:34:00
> >
> >
> > [Non-text portions of this message have been removed]

> >
>

9638. Re: [TS-850_450_690] RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 16:07:33 UTC
From: David Rust
Topic: 9634 Message: 9638

Only thing wrong with one of those for me, the gender on the 9 pin is wrong for my computer. I think I had to buy a gender changer, been a while since I used it but it worked ok.
Dave 73

[Non-text portions of this message have been removed]

9639. Re: [TS-850_450_690] RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 16:36:21 UTC
From: Tom Osborne
Topic: 9634 Message: 9639

Hi Mark

Do an advanced search on eBay for G4ZLP. Neal makes a great product and he really stands behind them. I have 3 of them here. Six days shipping from the U.K.. 73
Tom W7WHY

Hi Gang,

Has anyone tried this:

http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721

I assume that the level conversion is built into the cable.

Thanks,
Mark K2QO
FN03ra

9640. Re: [TS-850_450_690] RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 17:14:13 UTC
From: Jordan
Topic: 9634 Message: 9640

I second that !!!

73...Jordan VE6ZT

----- Original Message -----
From: Tom Osborne
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 20, 2010 10:36 AM
Subject: Re: [TS-850_450_690] RS 232

Hi Mark

Do an advanced search on eBay for G4ZLP. Neal makes a great product and he really stands behind them. I have 3 of them here. Six days shipping from the U.K.. 73
Tom W7WHY

Hi Gang,

Has anyone tried this:

http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721

I assume that the level conversion is built into the cable.

Thanks,
Mark K2QO
FN03ra

[Non-text portions of this message have been removed]

9641. Re: RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-20 17:57:16 UTC
From: ah6rr1
Topic: 9634 Message: 9641

I have one of G4ZLP's interface cables and it works Great. I would get one of these
http://cgi.ebay.com/KENWOOD-CAT-INTERFACE-IF232-IF-232-/310187134370?pt=LH_DefaultDomain_0&hash=item4838980da2

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Mark
>
> Do an advanced search on eBay for G4ZLP. Neal makes a great product and he
> really stands behind them. I have 3 of them here. Six days shipping from
> the U.K.. 73
> Tom W7WHY
>
>
>
> Hi Gang,
>
> Has anyone tried this:
>
> http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721
>
> I assume that the level conversion is built into the cable.
>
> Thanks,
> Mark K2QO
> FN03ra
>

9642. Re: RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-21 01:06:49 UTC
From: Alex
Topic: 9634 Message: 9642

Hi,

I have tried the first mention cable but it does not work with me,the seller is cooperative and sent me a 2nd cable, i tried it to interface the TS450 & 690 to Ham Radio Deluxe but no luck for me for both cable, cant find out where the is problem, what i did is i made a home brew interface box and connected it to a serial to USB adapter. It works fine, even in remote operation of HRD.

FYI

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> I have one of G4ZLP's interface cables and it works Great. I would get one of these
> http://cgi.ebay.com/KENWOOD-CAT-INTERFACE-IF232-IF-232-/310187134370?pt=LH_DefaultDomain_0&hash=item4838980da2
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi Mark
> >
> > Do an advanced search on eBay for G4ZLP. Neal makes a great product and he
> > really stands behind them. I have 3 of them here. Six days shipping from
> > the U.K.. 73
> > Tom W7WHY
> >
> >
> >
> > Hi Gang,
> >
> > Has anyone tried this:
> >
> > http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721
> >
> > I assume that the level conversion is built into the cable.
> >
> > Thanks,
> > Mark K2QO
> > FN03ra
> >
>

9643. Re: [TS-850_450_690] RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-21 04:03:36 UTC
From: Gary K9GS
Topic: 9634 Message: 9643

I'll second the LCU-3. Works great and simple.

73,

-Gary K9GS
GMDXA Web Site: www.gmdxa.org

----- Original Message -----
From: "Dave Montgomery" <montgomeryalabama@...>
To: <ts-850_450_690@yahoogroups.com>
Sent: Monday, September 20, 2010 10:53 AM
Subject: RE: [TS-850_450_690] RS 232

>
> I have, and the first one didn't work and then, the second one didn't
> work. I ended up with this and it works Great! And I got it in two days,
> verses the afordable radio (ebay) one that you referenced, comes from
> Canada. took 10 days to get here.
>
> http://hosenose.com/detail.asp?product_id=LCU-3
> The LCU-3 and yes, the level conversion is built into the cable. Reccomend
> the above link for a Good CAT cable.
>
>
> r, KJ4WKL
>
>
>
> To: TS-850_450_690@yahoogroups.com
> From: msadams60@...
> Date: Mon, 20 Sep 2010 15:17:17 +0000
> Subject: [TS-850_450_690] RS 232
>
>
>
>
>
>
>
> Hi Gang,
>
> Has anyone tried this:
>
> http://cgi.ebay.com/CAT-interface-cable-Kenwood-TS-690-TS-140-TS-790-TS-450-/180555667233?pt=LH_DefaultDomain_2&hash=item2a09f4d721
>
> I assume that the level conversion is built into the cable.

>
> Thanks,
> Mark K2QO
> FN03ra
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9644. Re: TS 690S AGC / no receive audio problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-21 13:28:50 UTC
From: avvidclif
Topic: 9617 Message: 9644

The display is lighted by a florescent tube that has probably quit working. Or the other thing I have found is in a smokers shack the cover plate will become covered with smoke residue and cause it to appear dim. Clif --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > Cliff > > Thank you for the continued tech advice here, its a great help, now i had the 690 receiving but i think its ok when the radio is on for a couple of mins, i think its still a capacitor issue but iam near i know. Ill still continue to replace capacitors. > > I still have one issue here, the display contrast is very strong the display is hard to see now, ill view it side view to see the numbers. Is there any display brightness / contrast adjustment for this radio? > > Again thank you for all the tech support given by the members, > > > 73, > Alex > DV1TBX > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > The S-meter indicates AGC voltage. The higher the S-meter reading the lower the AGC voltage. The AGC voltage controls the gain of the receiver, lower AGC voltage = lower receive due to reduced gain. The S-meter is not the problem, it just tells you what the problem is, low AGC voltage. One more comment about AGC voltage. It is Automatic Gain Control, AGC, it's function is to automatically maintain the gain of the receiver to hold a steady audio level out the speaker. As long as the AGC is working, IE; indicating, then the audio level shouldn't change. > > > > This can be caused by leaking caps which short the AGC line to ground. This is usually accompanied by varying AGC voltage (s-meter reading) because the leaking electrolytic acts like a variable resistor that moves around. It changes value from cold to hot. > > > > When the AGC voltage doesn't change from cold to hot and I have checked the board very carefully for bad/shorted traces caused by a leaking cap, I then check each FET controlled by the AGC and usually find one that is shorted/leaky. Often they respond to a shot of freeze spray. That doesn't fix it, just tells you the FET is leaky and needs to be replaced. > > > > Clif > > > > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" wrote: > > > > > > > > > Hello all, > > > > > > I´ve the same problem with my TS-450SAT...full scale S-Meter with the radio cold...seems to go back normal as the radio warms up.. > > > > > > There was a C104 leaked too that I replaced and got the audio receive back...but still the S-meter problem. > > > > > > I will post any news > > > > > > 73 > > > > > > Rod > ----- Original Message ----- > > > From: Alex > > > To: TS-850_450_690@yahoogroups.com > > > Sent: Monday, September 20, 2010 4:42 AM > > > Subject: [TS-850_450_690] Re: TS 690S AGC / no receive audio problem > > > > > > > > > > > > > > > Dear All > > > > > > Thank you for the info for my problem, I already removed and clean the murata filters square black plastic, but still i have full scale on the meter, one improvement i get is i can hear strong Shortwave broadcast station even full scale meter on the 11 Mhz region. Is this a good sign? I didnt remove the steel cased filter though, do i need to check it also or clean? Ill check again for open trace on the board, wish me luck!! Any advise is gladly welcome. > > > > > > Thank you, > > > Alex > > > DV1TBX > > > > > > --- In TS-850_450_690@yahoogroups.com, "cintrans" wrote: > > > > > > > > Alex > > > > > > > > I have / had the same issue on my TS-450, > > > > - You will find C104 & L12 in the top right corner of the IF board diagram near connector CN13 > > > > - I changed C104 and got the audio back after the radio warmed up > > > > - When the radio was cold, i had the full scale S meter reading with very low audio allso (seems a common issue..) > > > > - On Clif's advise i removed CF1, 2 & 3 and cleaned up under them, found allso a open trace near the cooling fin of IC5. > > > > - When i started the radio up again, there were only 2

digits that stayed on anymore on the s meter when the radio was cold (went away as the radio heats up). I "adjusted" those away via VR10 > > > > - Unfortunatly the front end of the radio is now wide open as i probably damaged the Murata 455 filter when i took it out..... i am still in the process of trying to fix that!! > > > > At least the AF and AGC seem to be working now the way they should... > > > > > > > > GL > > > > 73's de P43A, Jean-Pierre > > > > > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > > > > > Dear all > > > > > > > > > > I have a TS 690 with full scale S meter/ no audio problem. > > > > > I did found out on the IF board the c104 capacitor already leak, i replaced it with a 440uF temporarily (original its 470uF) but still i have full scale meter and no audio. Also i measured the AGC line i got a 1.9volts reading based on the service manual it should be 3 volts. > > > > > > > > > > My question is > > > > > 1) Does the leaked capacitor had effect on the AGC line voltage? > > > > > 2) Sorry i cant find the C104 and L12 on the diagram, what is its function? > > > > > 3)Should i remove the 455 filter and check if it was damage by the leak? > > > > > 4) What other points to check ,specially on the IF board. > > > > > > > > > > Hope someone can give me a tip, the forum help me a lot how to approach the problem speacially Clif's technical answers about full scale meter problem. Hope he can give a clue to me, also other forum members who already repaired and solve this problem. > > > > > > > > > > Thank you, > > > > > Alex > > > > > DV1TBX > -- > > > > > > > > > > > > No virus found in this incoming message. > > > Checked by AVG - www.avg.com > > > Version: 9.0.851 / Virus Database: 271.1.1/3146 - Release Date: 09/19/10 15:34:00 > > > > > > > > > [Non-text portions of this message have been removed] > > > > > >

9645. Re: RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-22 01:44:05 UTC
From: Bryan
Topic: 9634 Message: 9645

G4ZLP's stuff on ebay is here:
http://shop.ebay.com/g4zlp/m.html?_nkw=&_armrs=1&_from=&_ipg=&_trksid=p3686 (or
http://tinyurl.com/2fkz2zj if that doesn't work).
His website is here: http://www.g4zlp.co.uk/ (he has bunches more stuff available there).

vy 73,
Bryan WA7PRC

Tom W7WHY wrote:
>
> Hi Mark
>
> Do an advanced search on eBay for G4ZLP. Neal makes a great product and he
> really stands behind them. I have 3 of them here. Six days shipping from
> the U.K.. 73
> Tom W7WHY

9646. Re: RS 232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-23 17:12:12 UTC
From: msadams60
Topic: 9634 Message: 9646

Thanks for all the great advice! Just this morning a club member said he may part with his Kenwood unit. If not, the eBay lead is solid.

73,
Mark K2QO

9647. I need TS-450S/TS-690S Display Board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-23 16:21:52 UTC
From: Mark
Topic: 9647 Message: 9647

Just purchased a TS-690SAT that has a number of extra dots as well as LSB & USB on the display all the time. It doesn't affect the operation of the radio, but I'd like to fix it anyway. Does anyone have or know where I can get a display board for a reasonable price? I don't want to spend an arm and leg on this, but I will pay. Thanks for any help I can get in advance.

Mark - W5EZY

9648. Re: [TS-850_450_690] I need TS-450S/TS-690S Display Board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-23 23:13:25 UTC
From: Dave ve3wej
Topic: 9647 Message: 9648

I would tend to look at the driver ic's for the display, to confirm the voltages. maybe a diode is bad or something. check the schematic

On Thu, Sep 23, 2010 at 12:21 PM, Mark <w5ezy@...> wrote:

> Just purchased a TS-690SAT that has a number of extra dots as well as LSB &
> USB on the display all the time. It doesn't affect the operation of the
> radio, but I'd like to fix it anyway. Does anyone have or know where I can
> get a display board for a reasonable price? I don't want to spend an arm
> and leg on this, but I will pay. Thanks for any help I can get in advance.
>
> Mark - W5EZY
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

9649. Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-24 03:49:10 UTC
From: n8nma
Topic: 9649 Message: 9649

Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.

Thanks
Tom N8NMA

9650. Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-25 00:06:26 UTC
From: Bob Naylor
Topic: 9649 Message: 9650

Tom, Make sure all your controls are set properly. It's easy to bump something. Are you testing into a dummy load? Is the dummy load a perfect match? RF power and CAR adjustments correct? tuner off? etc etc etc.
The reason I say this is just the other day I go turn on the 850, tune around and find someone calling CQ that I was going to answer. Well it wouldn't transmit! Oh &%#$ what happened??? Well to make a long story short, I looked over at my adjustable power supply and it was at 9.5 volts! I had turned it down to 9+ volts a few days before to check out a small battery table radio and forgot to put it back! It was a sigh of relief tho! Funny now but at first it wasn't so funny! Hope it's something simple. 73, Bob WE6C
PS An 850 will receive fine on 9.5 volts!

--- On Thu, 9/23/10, n8nma <n8nma@...> wrote:

From: n8nma <n8nma@...>
Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@yahoogroups.com
Date: Thursday, September 23, 2010, 8:49 PM

Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.

Thanks

Tom N8NMA

[Non-text portions of this message have been removed]

9651. Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-25 00:10:32 UTC
From: Tom Jones N8NMA
Topic: 9649 Message: 9651

Thanks Bob....well I checked all of that and I think it is the IC 1 on the RF unit. I found the information on the N6TR page and checked the voltages on the chip and they were low on a couple of the legs. Going to order the chip and replace it.

Thanks
Tom N8NMA

--- On Fri, 9/24/10, Bob Naylor <wotbob01@...> wrote:

From: Bob Naylor <wotbob01@...>
Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@yahoogroups.com
Date: Friday, September 24, 2010, 8:06 PM

Tom, Make sure all your controls are set properly. It's easy to bump something. Are you testing into a dummy load? Is the dummy load a perfect match? RF power and CAR adjustments correct? tuner off? etc etc etc.
The reason I say this is just the other day I go turn on the 850, tune around and find someone calling CQ that I was going to answer. Well it wouldn't transmit! Oh &%#$ what happened??? Well to make a long story short, I looked over at my adjustable power supply and it was at 9.5 volts! I had turned it down to 9+ volts a few days before to check out a small battery table radio and forgot to put it back! It was a sigh of relief tho! Funny now but at first it wasn't so funny! Hope it's something simple. 73, Bob WE6C
PS An 850 will receive fine on 9.5 volts!

--- On Thu, 9/23/10, n8nma <n8nma@...> wrote:

From: n8nma <n8nma@yahoo.com>
Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@yahoogroups.com
Date: Thursday, September 23, 2010, 8:49 PM

Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.

Thanks

Tom N8NMA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9652. Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-25 07:05:20 UTC
From: John
Topic: 9649 Message: 9652

--- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@...> wrote:
>
> Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.
>
> Thanks
> Tom N8NMA
>
Hi Tom,
I had similar problems with a friends 850s, after some guidence from Cliff@avvid it was traced to IC1 on the RF board, low voltages on some of the pins confirmed a fault with the chip, got an identical replacement from RS components £1.50 and the radio is working fine now,i hope this is helpful to you.

john

9653. Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-25 19:55:03 UTC
From: Bob Naylor
Topic: 9649 Message: 9653

Keep us posted.

--- On Fri, 9/24/10, Tom Jones N8NMA <n8nma@...> wrote:

From: Tom Jones N8NMA <n8nma@...>
Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@yahoogroups.com
Date: Friday, September 24, 2010, 5:10 PM

Thanks Bob....well I checked all of that and I think it is the IC 1 on the RF unit. I found the information on the N6TR page and checked the voltages on the chip and they were low on a couple of the legs. Going to order the chip and replace it.

Thanks

Tom N8NMA

--- On Fri, 9/24/10, Bob Naylor <wotbob01@...> wrote:

From: Bob Naylor <wotbob01@...>

Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

To: TS-850_450_690@yahoogroups.com

Date: Friday, September 24, 2010, 8:06 PM

Tom, Make sure all your controls are set properly. It's easy to bump something. Are you testing into a dummy load? Is the dummy load a perfect match? RF power and CAR adjustments correct? tuner off? etc etc etc.

The reason I say this is just the other day I go turn on the 850, tune around and find someone calling CQ that I was going to answer. Well it wouldn't transmit! Oh &%#$ what happened??? Well to make a long story short, I looked over at my adjustable power supply and it was at 9.5 volts! I had turned it down to 9+ volts a few days before to check out a small battery table radio and forgot to put it back! It was a sigh of relief tho! Funny now but at first it wasn't so funny! Hope it's something simple. 73, Bob WE6C

PS An 850 will receive fine on 9.5 volts!

--- On Thu, 9/23/10, n8nma <n8nma@...> wrote:

From: n8nma <n8nma@...>

Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

To: TS-850_450_690@yahoogroups.com

Date: Thursday, September 23, 2010, 8:49 PM

Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.

Thanks

Tom N8NMA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9654. VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 00:52:49 UTC
From: kb3ccn
Topic: 9654 Message: 9654

What would cause the 850 to scan through the vfo? I turned on the radio tonight and went to scroll through the bands, but it would not stop.

The best way to describe it, is if I were using the up and down buttons on a desk mic.

I have disconnected the mic cable, reset the microprocessor , made sure my cat control cable was unplugged and it still will not stop.

If I kill the power, and turn it back on , it just resumes.

It is NOT in memory scan mode, or anything I can find out of the ordinary.

Any suggestions ?

Keith
N3QAM

9655. Re: [TS-850_450_690] VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 01:58:53 UTC
From: Dave ve3wej
Topic: 9654 Message: 9655

perhaps the scan button on the face (below the number pad) is stuck???

have you added a sound card device, or any other computer interface that could be shorting out. I have done that before... wired incorrectly

Dave Garber

VE3WEJ@...

> What would cause the 850 to scan through the vfo? I turned on the radio
> tonight and went to scroll through the bands, but it would not stop.
>
>
> The best way to describe it, is if I were using the up and down buttons
> on a desk mic.

9656. Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 10:31:42 UTC
From: kb3ccn
Topic: 9654 Message: 9656

I checked the scan button. It is not stuck in programmable scan mode or memory scan mode. No sound card interface hooked up, nor any cables at the moment except for power. I pulled the front panel last night and re-seated all the ribbon cables and checked every connector between the face and the main body. It still does it. The best description of this is like you are jogging the main dial. If I spin the the dial back and forth , I can get it to stop for a bit , until I go to change frequency , then it starts back up again. It will also do the same thing if the dial is changed to a lower frequencies. Then it scans downward.

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> perhaps the scan button on the face (below the number pad) is stuck???
>
> have you added a sound card device, or any other computer interface that
> could be shorting out. I have done that before... wired incorrectly
>
>
>
> Dave Garber
>
> VE3WEJ@...
>
>
>
> > What would cause the 850 to scan through the vfo? I turned on the radio
> > tonight and went to scroll through the bands, but it would not stop.
> >
> >
> > The best way to describe it, is if I were using the up and down buttons
> > on a desk mic.
>

9657. Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 14:06:30 UTC
From: Tom Jones N8NMA
Topic: 9649 Message: 9657

Also found some old information on this subject. Cliff had posted about some leaky LPF diodes and found another page with pictures of D4 D5 and D6 on the RF unit causing the same problem. Going to check them first.

Tom N8NMA

--- On Sat, 9/25/10, Bob Naylor <wotbob01@...> wrote:

From: Bob Naylor <wotbob01@...>
Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@yahoogroups.com
Date: Saturday, September 25, 2010, 3:55 PM

Keep us posted.

--- On Fri, 9/24/10, Tom Jones N8NMA <n8nma@...> wrote:

From: Tom Jones N8NMA <n8nma@...>
Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@...m
Date: Friday, September 24, 2010, 5:10 PM

Thanks Bob....well I checked all of that and I think it is the IC 1 on the RF unit. I found the information on the N6TR page and checked the voltages on the chip and they were low on a couple of the legs. Going to order the chip and replace it.

Thanks

Tom N8NMA

--- On Fri, 9/24/10, Bob Naylor <wotbob01@yahoo.com> wrote:

From: Bob Naylor <wotbob01@...>

Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

To: TS-850_450_690@yahoogroups.com

Date: Friday, September 24, 2010, 8:06 PM

Tom, Make sure all your controls are set properly. It's easy to bump something. Are you testing into a dummy load? Is the dummy load a perfect match? RF power and CAR adjustments correct? tuner off? etc etc etc.

The reason I say this is just the other day I go turn on the 850, tune around and find someone calling CQ that I was going to answer. Well it wouldn't transmit! Oh &%#$ what happened??? Well to make a long story short, I looked over at my adjustable power supply

and it was at 9.5 volts! I had turned it down to 9+ volts a few days before to check out a small battery table radio and forgot to put it back! It was a sigh of relief tho! Funny now but at first it wasn't so funny! Hope it's something simple. 73, Bob WE6C

PS An 850 will receive fine on 9.5 volts!

--- On Thu, 9/23/10, n8nma <n8nma@...> wrote:

From: n8nma <n8nma@...>

Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850

To: TS-850_450_690@yahoogroups.com

Date: Thursday, September 23, 2010, 8:49 PM

Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.

Thanks

Tom N8NMA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9658. Antenna tuner in TS850 hangs up or continues to run.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 14:11:34 UTC
From: n8nma
Topic: 9658 Message: 9658

I saw several postings about this and was wondering if anyone has every found a fix for it. Mine works fine but a local buddy of mine has one that does the same thing. It will tune manually. The motors run although it seems that they are not moving as fast as they should. And if you decrease and then increase the CAR control on the front of the rig you can get it to tune after a while. Once it has a tune position it will retune from memory with no problem. Just wondered if anyone had any luck with this.

Thanks

Tom N8NMA

9659. Re: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 19:53:54 UTC
From: Dave ve3wej
Topic: 9658 Message: 9659

the tuner needs 10 watts (i think) to run, so if your car level is too low, tuning is also too low to drive the motors correctly.

Also, how is the swr without the tuner, I beleive the internal tuner generally have trouble on over 3 to 1 swr...

----- Original Message -----
From: "n8nma" <n8nma@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 29, 2010 10:11 AM
Subject: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.

>I saw several postings about this and was wondering if anyone has every
>found a fix for it. Mine works fine but a local buddy of mine has one that
>does the same thing. It will tune manually. The motors run although it
>seems that they are not moving as fast as they should. And if you decrease
>and then increase the CAR control on the front of the rig you can get it to
>tune after a while. Once it has a tune position it will retune from memory
>with no problem. Just wondered if anyone had any luck with this.
>
> Thanks
>
> Tom N8NMA
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9660. Re: [TS-850_450_690] Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 19:55:37 UTC
From: Dave ve3wej
Topic: 9654 Message: 9660

I did have an instance where the Knob was off balance on a radio and would cause the vfo to turn, but only until the knob "rested".

HMMM!!

what if you unplug the vfo??? maybe that would indicate the vfo control has an issue

----- Original Message -----
From: "kb3ccn" <n3qam@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 29, 2010 6:31 AM
Subject: [TS-850_450_690] Re: VFO scanning on 850

>I checked the scan button. It is not stuck in programmable scan mode or
>memory scan mode. No sound card interface hooked up, nor any cables at the
>moment except for power. I pulled the front panel last night and re-seated
>all the ribbon cables and checked every connector between the face and the
>main body. It still does it. The best description of this is like you are
>jogging the main dial. If I spin the the dial back and forth , I can get
>it to stop for a bit , until I go to change frequency , then it starts back
>up again. It will also do the same thing if the dial is changed to a lower
>frequencies. Then it scans downward.
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> perhaps the scan button on the face (below the number pad) is stuck???
>>
>> have you added a sound card device, or any other computer interface that
>> could be shorting out. I have done that before... wired incorrectly
>>
>>
>>
>> Dave Garber
>>
>> VE3WEJ@...
>>
>>
>>
>> > What would cause the 850 to scan through the vfo? I turned on the radio
>> > tonight and went to scroll through the bands, but it would not stop.
>> >
>> >
>> > The best way to describe it, is if I were using the up and down

>> > buttons
>> > on a desk mic.
>>
>
>
>
>
> ----------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9661. Re: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-29 23:21:41 UTC
From: Tom Jones N8NMA
Topic: 9658 Message: 9661

Well he brought the radio over here to look at and I put it on the same antenna as I use my TS850SAT and mine tunes it fine, but his does not. The cap will actually hang up and move back and fourth about an eighth of an inch.
I know about having enough power to make it work. But decreasing the CAR will allow it to stop hanging up and then cycle through.

--- On Wed, 9/29/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@gmail.com>
Subject: Re: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 29, 2010, 3:53 PM

the tuner needs 10 watts (i think) to run, so if your car level is too low,
tuning is also too low to drive the motors correctly.

Also, how is the swr without the tuner, I beleive the internal tuner
generally have trouble on over 3 to 1 swr...

----- Original Message -----
From: "n8nma" <n8nma@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 29, 2010 10:11 AM
Subject: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to
run.

>I saw several postings about this and was wondering if anyone has every
>found a fix for it. Mine works fine but a local buddy of mine has one that
>does the same thing. It will tune manually. The motors run although it
>seems that they are not moving as fast as they should. And if you decrease
>and then increase the CAR control on the front of the rig you can get it to
>tune after a while. Once it has a tune position it will retune from memory
>with no problem. Just wondered if anyone had any luck with this.
>
> Thanks
>
> Tom N8NMA
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

>

[Non-text portions of this message have been removed]

9662. Re: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-30 22:30:59 UTC
From: Tom Jones N8NMA
Topic: 9658 Message: 9662

Well I took the tuner out of mine and installed it in his radio and it did not function in his radio as well so it must be something on the radio side. Anyone have any ideas ???

Thanks

Tom N8NMA

--- On Wed, 9/29/10, Tom Jones N8NMA <n8nma@...> wrote:

From: Tom Jones N8NMA <n8nma@...>
Subject: Re: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 29, 2010, 7:21 PM

Well he brought the radio over here to look at and I put it on the same antenna as I use my TS850SAT and mine tunes it fine, but his does not. The cap will actually hang up and move back and fourth about an eighth of an inch.
I know about having enough power to make it work. But decreasing the CAR will allow it to stop hanging up and then cycle through.

--- On Wed, 9/29/10, Dave ve3wej <ve3wej@...> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to run.
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, September 29, 2010, 3:53 PM

the tuner needs 10 watts (i think) to run, so if your car level is too low,
tuning is also too low to drive the motors correctly.

Also, how is the swr without the tuner, I beleive the internal tuner
generally have trouble on over 3 to 1 swr...

----- Original Message -----
From: "n8nma" <n8nma@...m>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 29, 2010 10:11 AM
Subject: [TS-850_450_690] Antenna tuner in TS850 hangs up or continues to
run.

>I saw several postings about this and was wondering if anyone has every
>found a fix for it. Mine works fine but a local buddy of mine has one that
>does the same thing. It will tune manually. The motors run although it
>seems that they are not moving as fast as they should. And if you decrease
>and then increase the CAR control on the front of the rig you can get it to
>tune after a while. Once it has a tune position it will retune from memory

>with no problem. Just wondered if anyone had any luck with this.
>
> Thanks
>
> Tom N8NMA
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9663. Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-09-24 14:35:45 UTC
From: avvidclif
Topic: 9649 Message: 9663

Check operation of the BPF on the RF unit. You probably have a shorted diode.

Hint: Easy way. Put it on 20m and check the voltages on IC1. Pins 1-3 should be >11v, Pin 4 <1v, Pin 5-7 >11v, 8 is ground, and 9-11 >11v. Any that do not match this have a leaky diode. Refer to the schematic to determine which one.

Clif

--- In TS-850_450_690@yahoogroups.com, "n8nma" <n8nma@...> wrote:
>
> Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.
>
> Thanks
> Tom N8NMA
>

9664. Need 6631 or 66312 DDS chip

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-03 20:17:52 UTC
From: Jose V. Gavila
Topic: 9664 Message: 9664

Hello!

Well, some time ago I was able to fix a TS-850 thanks to the help of a list member. This time, another 850 has stopped working and I am afraid it has the dread damaged DDS chip failure.

This time, IC2 (in the CAR UNIT), which should generate a 1.625MHz signal, generates about 1.8MHz so, when chopped, does not generate the needed 8.375MHz signal and LO3 signal is unworking. I have resoldered the DDS chip but failure is still present. I have tried to inject a good 1.625MHz signal at the output of the DDS and then rig comes to life, so I know that from that point, CAR UNIT circuitry is OK

So, is there anyone with a 6631 or 66312 DDS to spare?. I would even take an unworking CAR UNIT to salvage one chip.

Thanks for your help!

Regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

9665. Memory Problem with TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-04 19:12:57 UTC
From: w5jms
Topic: 9665 Message: 9665

Hello all. I am new to this forum, but have searched the archives and find nothing on this subject. If it exists, just point me to it without answering the same question again.
My TS-450SAT will not hold memory when powered down. The battery is good. Where do I look next? thanks.

9666. Re: Memory Problem with TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 00:23:47 UTC
From: avvidclif
Topic: 9665 Message: 9666

The memory battery supplies power to pin 28 of IC3 on the control unit. It should be abt 2.5v with the radio disconnected from the power supply. If it's there the memory IC is probably bad.

Clif

--- In TS-850_450_690@yahoogroups.com, "w5jms" <jmsproles@...> wrote:
>
> Hello all. I am new to this forum, but have searched the archives and find nothing on this subject. If it exists, just point me to it without answering the same question again.
> My TS-450SAT will not hold memory when powered down. The battery is good. Where do I look next? thanks.
>

9667. Re: Memory Problem with TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 00:25:39 UTC
From: avvidclif
Topic: 9665 Message: 9667

After checking Pin 28 and finding zero volts look under the battery for leakage and damaged traces.

Fingers too fast....

Clif

--- In TS-850_450_690@yahoogroups.com, "w5jms" <jmsproles@...> wrote:
>
> Hello all. I am new to this forum, but have searched the archives and find nothing on this subject. If it exists, just point me to it without answering the same question again.
> My TS-450SAT will not hold memory when powered down. The battery is good. Where do I look next? thanks.
>

9668. Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 00:28:39 UTC
From: Tom Osborne
Topic: 9668 Message: 9668

HI All

The tuner in my TS-450SAT started acting up and wouldn't tune the antenna like it had before. Now nothing happens when I push the 'tune' button. Just dead.

Where should I start looking? Thanks and 73

Tom W7WHY

9669. Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 13:15:35 UTC
From: avvidclif
Topic: 9668 Message: 9669

On acting up????

On not working period, Have you been in the menu for setting filters? The first selection is tuner off/on. If you turn it on it's for an external tuner and the internal is disabled.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI All
>
> The tuner in my TS-450SAT started acting up and wouldn't tune the antenna
> like it had before. Now nothing happens when I push the 'tune' button.
> Just dead.
>
> Where should I start looking? Thanks and 73
>
> Tom W7WHY
>

9670. Re: [TS-850_450_690] Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 17:13:58 UTC
From: Tom Osborne
Topic: 9668 Message: 9670

Hi Clif

Boy, I would have never know of that menu function :-) I guess when I installed the filters I switched it on.

But, now the motors will tune, and the SWR goes up and down, but it won't stop tuning. It only gets down to about 2.5:1 then goes back up again. It used to beep after a few seconds of tuning to tell me to turn the tuner off, but now it doesn't beep. Just keeps going up and down without getting a match.

The antenna I'm trying to match is an 80 meter dipole and the SWR is only about 1.5:1 before trying to tune it. I also tried up farther in the band where the SWR is about 3:1 and it won't tune that at all. Also tried the 20 meter beam and wouldn't tune that either. 73

Tom W7WHY

On acting up????

On not working period, Have you been in the menu for setting filters? The first selection is tuner off/on. If you turn it on it's for an external tuner and the internal is disabled.

Clif

> HI All
>
> The tuner in my TS-450SAT started acting up and wouldn't tune the antenna
> like it had before. Now nothing happens when I push the 'tune' button.
> Just dead.
>
> Where should I start looking? Thanks and 73

9671. Re: [TS-850_450_690] Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 17:23:40 UTC
From: Tom Osborne
Topic: 9668 Message: 9671

Hi Clif

I was playing with this some more in the manual tune mode. I could get the SWR down to about 1.5:1, but it is with both inductor and capacitor set to 00 where it bottoms out.
Tom W7WHY

On acting up????

On not working period, Have you been in the menu for setting filters? The first selection is tuner off/on. If you turn it on it's for an external tuner and the internal is disabled.

Clif

9672. Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 21:25:54 UTC
From: avvidclif
Topic: 9668 Message: 9672

What does it do on a dummy load? Other bands?

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Clif
>
> Boy, I would have never know of that menu function :-) I guess when I
> installed the filters I switched it on.
>
> But, now the motors will tune, and the SWR goes up and down, but it won't
> stop tuning. It only gets down to about 2.5:1 then goes back up again. It
> used to beep after a few seconds of tuning to tell me to turn the tuner off,
> but now it doesn't beep. Just keeps going up and down without getting a
> match.
>
> The antenna I'm trying to match is an 80 meter dipole and the SWR is only
> about 1.5:1 before trying to tune it. I also tried up farther in the band
> where the SWR is about 3:1 and it won't tune that at all. Also tried the 20
> meter beam and wouldn't tune that either. 73
>
> Tom W7WHY
>
>
>
> On acting up????
>
> On not working period, Have you been in the menu for setting filters? The
> first selection is tuner off/on. If you turn it on it's for an external
> tuner and the internal is disabled.
>
> Clif
>
>
> > HI All
> >
> > The tuner in my TS-450SAT started acting up and wouldn't tune the antenna
> > like it had before. Now nothing happens when I push the 'tune' button.
> > Just dead.
> >
> > Where should I start looking? Thanks and 73
>

9673. Re: [TS-850_450_690] Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-05 22:46:34 UTC
From: Tom Osborne
Topic: 9668 Message: 9673

Hi Clif

On 80 it will tune the dummy load OK. When I switch to the antenna and move off frequency to where is is 2:1 or less, it won't tune.

On 40 on the dummy load, it will go down to about 1.4:1, then go back up again. On 20 it goes down to about 1.5:1, then goes back up. Won't find a match.

If I switch to the 40 meter antenna, it will tune it. But, it won't tune the 20 meter antenna. SWR there is only 1.3:1 without tuning.

On the rest of the upper bands, 15 thru 10, it will tune the dummy load OK and stop. Got me puzzled. 73
Tom W7WHY

What does it do on a dummy load? Other bands?

Clif

>
> Boy, I would have never know of that menu function :-) I guess when I
> installed the filters I switched it on.
>
> But, now the motors will tune, and the SWR goes up and down, but it won't
> stop tuning. It only gets down to about 2.5:1 then goes back up again. It
> used to beep after a few seconds of tuning to tell me to turn the tuner
> off,
> but now it doesn't beep. Just keeps going up and down without getting a
> match.
>
> The antenna I'm trying to match is an 80 meter dipole and the SWR is only
> about 1.5:1 before trying to tune it. I also tried up farther in the band
> where the SWR is about 3:1 and it won't tune that at all. Also tried the
> 20
> meter beam and wouldn't tune that either. 73
>
> Tom W7WHY
>
>
>
> On acting up????
>
> On not working period, Have you been in the menu for setting filters? The
> first selection is tuner off/on. If you turn it on it's for an external
> tuner and the internal is disabled.
>

> Clif
>

9674. Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-07 14:37:00 UTC
From: avvidclif
Topic: 9668 Message: 9674

I would change C1 on the main tuner board, not the one with the coils and relays. Then I would check operation of all the bandswitching relays. Of course, this would be after confirming the data to the tuner unit. Only one line should be high at a time.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Clif
>
> On 80 it will tune the dummy load OK. When I switch to the antenna and move
> off frequency to where is is 2:1 or less, it won't tune.
>
> On 40 on the dummy load, it will go down to about 1.4:1, then go back up
> again. On 20 it goes down to about 1.5:1, then goes back up. Won't find a
> match.
>
> If I switch to the 40 meter antenna, it will tune it. But, it won't tune
> the 20 meter antenna. SWR there is only 1.3:1 without tuning.
>
> On the rest of the upper bands, 15 thru 10, it will tune the dummy load OK
> and stop. Got me puzzled. 73
> Tom W7WHY
>
>
>
> What does it do on a dummy load? Other bands?
>
> Clif
>
>
> >
> > Boy, I would have never know of that menu function :-) I guess when I
> > installed the filters I switched it on.
> >
> > But, now the motors will tune, and the SWR goes up and down, but it won't
> > stop tuning. It only gets down to about 2.5:1 then goes back up again. It
> > used to beep after a few seconds of tuning to tell me to turn the tuner
> > off,
> > but now it doesn't beep. Just keeps going up and down without getting a
> > match.
> >
> > The antenna I'm trying to match is an 80 meter dipole and the SWR is only
> > about 1.5:1 before trying to tune it. I also tried up farther in the band
> > where the SWR is about 3:1 and it won't tune that at all. Also tried the

> > 20
> > meter beam and wouldn't tune that either. 73
> >
> > Tom W7WHY
> >
> >
> >
> > On acting up????
> >
> > On not working period, Have you been in the menu for setting filters? The
> > first selection is tuner off/on. If you turn it on it's for an external
> > tuner and the internal is disabled.
> >
> > Clif
> >
>

9675. Re: [TS-850_450_690] Re: Ant tuner problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-07 15:22:53 UTC
From: Tom Osborne
Topic: 9668 Message: 9675

Thanks Clif, I'l check that out.
Tom

I would change C1 on the main tuner board, not the one with the coils and relays. Then I would check operation of all the bandswitching relays. Of course, this would be after confirming the data to the tuner unit. Only one line should be high at a time.

Clif

> Hi Clif
>
> On 80 it will tune the dummy load OK. When I switch to the antenna and
> move
> off frequency to where is is 2:1 or less, it won't tune.
>
> On 40 on the dummy load, it will go down to about 1.4:1, then go back up
> again. On 20 it goes down to about 1.5:1, then goes back up. Won't find a
> match.
>
> If I switch to the 40 meter antenna, it will tune it. But, it won't tune
> the 20 meter antenna. SWR there is only 1.3:1 without tuning.
>
> On the rest of the upper bands, 15 thru 10, it will tune the dummy load OK
> and stop. Got me puzzled. 73
> Tom W7WHY
>
>
>
> What does it do on a dummy load? Other bands?
>
> Clif
>
>
> >
> > Boy, I would have never know of that menu function :-) I guess when I
> > installed the filters I switched it on.
> >
> > But, now the motors will tune, and the SWR goes up and down, but it
> > won't
> > stop tuning. It only gets down to about 2.5:1 then goes back up again.
> > It
> > used to beep after a few seconds of tuning to tell me to turn the tuner
> > off,
> > but now it doesn't beep. Just keeps going up and down without getting a
> > match.

> >
> > The antenna I'm trying to match is an 80 meter dipole and the SWR is
> > only
> > about 1.5:1 before trying to tune it. I also tried up farther in the
> > band
> > where the SWR is about 3:1 and it won't tune that at all. Also tried the
> > 20
> > meter beam and wouldn't tune that either. 73
> >
> > Tom W7WHY
> >
> >
> >
> > On acting up????
> >
> > On not working period, Have you been in the menu for setting filters?
> > The
> > first selection is tuner off/on. If you turn it on it's for an external
> > tuner and the internal is disabled.
> >
> > Clif
> >
>

9676. Rough CW notes on TX and RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-07 20:16:20 UTC
From: Tony
Topic: 9676 Message: 9676

Hi All,
My TS-850SAT has just developed a rough CW note on both TX and RX, the fault is at present intermittent but becoming more and more frequent.
Please is there a known problem and if so, a known cure?
thanks and 73
Tony G3ZRJ

9677. Re: [TS-850_450_690] Rough CW notes on TX and RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-07 21:20:48 UTC
From: Tom Osborne
Topic: 9676 Message: 9677

Hi Tony

Can you try it on a different power supply, or on a battery? 73
Tom W7WHY

Hi All,
My TS-850SAT has just developed a rough CW note on both TX and RX, the fault is at present intermittent but becoming more and more frequent.
Please is there a known problem and if so, a known cure?
thanks and 73
Tony G3ZRJ

9678. RE: [TS-850_450_690] Rough CW notes on TX and RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-08 06:00:21 UTC
From: Jose V. Gavila
Topic: 9676 Message: 9678

Hello Tony,

>My TS-850SAT has just developed a rough CW note on both TX and RX, the fault is

>at present intermittent but becoming more and more frequent.
>Please is there a known problem and if so, a known cure?
>thanks and 73
> Tony G3ZRJ

Have you checked the CAR UNIT for leaking caps?. Local oscillators generated by that unit could be unstable if the capacitors are leaking. And, eventually, can destroy the DDS chips there due to the short-circuits generated by the leakage. And, by experience (I need one!), those chips are virtually unobtanium.

This would be my first check. Then you could also check VCO-2 as sometimes the trimmer cap gets flaky and causes wobble.

Good luck!

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

9679. IFC232C FOR TS450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 17:34:40 UTC
From: Barrie Parsons
Topic: 9679 Message: 9679

Dear group.
I received my TS450S today and was hoping someone could tell me were to obtain an IF232C for computer control in the United Kingdom(or elsewere).I have Googled but nothing comes up.Cheers to all Barrie g4yjs

9680. KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 17:38:03 UTC
From: Barrie Parsons
Topic: 9680 Message: 9680

Dear group.
Is anybody aware of a 64 bit windows 7 version of Kenwood control software?.Or is there any other progs available?many thanks Barrie g4yjs.

9681. Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 18:04:16 UTC
From: avvidclif
Topic: 9649 Message: 9681

Leaky diodes cause low voltages on the IC and they go out a lot more often than the IC's.

Clif

--- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
>
> Thanks Bob....well I checked all of that and I think it is the IC 1 on the RF unit. I found the information on the N6TR page and checked the voltagesÂ on the chip and they were low on a couple of the legs. Going to order the chip and replace it.
> Â
> Thanks
> Tom N8NMA
>
> --- On Fri, 9/24/10, Bob Naylor <wotbob01@...> wrote:
>
>
> From: Bob Naylor <wotbob01@...>
> Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
> To: TS-850_450_690@yahoogroups.com
> Date: Friday, September 24, 2010, 8:06 PM
>
>
> Â
>
>
>
> Tom, Make sure all your controls are set properly.Â It's easy to bump something.Â Are you testing into a dummy load?Â Is the dummy load a perfect match?Â RF power and CAR adjustments correct?Â tuner off?Â etc etc etc.
> The reason I say this is just the other day I go turn on the 850, tune around and find someone calling CQ that I was going to answer.Â Well it wouldn't transmit!Â Oh &%#$ what happened???Â Well to make a long story short, I looked over at my adjustable power supply and it was at 9.5 volts!Â I had turned it down to 9+ volts a few days before to check out a small battery table radio and forgot to put it back!Â It was a sigh of relief tho!Â Funny now but at first it wasn't so funny!Â Hope it's something simple.Â 73, BobÂ WE6C
> PSÂ An 850 will receive fine on 9.5 volts!
>
> --- On Thu, 9/23/10, n8nma <n8nma@...> wrote:
>
> From: n8nma <n8nma@...>
> Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, September 23, 2010, 8:49 PM
>
> Â

>
> Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.
>
> Thanks
>
> Tom N8NMA
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9682. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 18:09:42 UTC
From: Zack Widup
Topic: 9680 Message: 9682

The Kentrol version I have is fairly old software and there were no
64-bit machines around then. I am unaware of a later version being
written. Mine is v. 5.2.

73, Zack W9SZ

On 10/10/10, Barrie Parsons <g4yjsbarrie@...> wrote:
> Dear group.
> Is anybody aware of a 64 bit windows 7 version of Kenwood control
> software?.Or is there any other progs available?many thanks Barrie g4yjs.
>
>

9683. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 18:47:17 UTC
From: Dave ve3wej
Topic: 9680 Message: 9683

I guess it depends on how you want to control it, exclusive, or within a log program

ham radio deluxe, while being very large in size does a nice job, but simpler so does software for the 850 by ve3mij..... it also works, i understand on the ts450 as well

----- Original Message -----
From: "Barrie Parsons" <g4yjsbarrie@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, October 10, 2010 1:38 PM
Subject: [TS-850_450_690] KENTROL

> Dear group.
> Is anybody aware of a 64 bit windows 7 version of Kenwood control
> software?.Or is there any other progs available?many thanks Barrie g4yjs.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9684. Re: [TS-850_450_690] IFC232C FOR TS450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 18:56:36 UTC
From: David Struebel
Topic: 9679 Message: 9684

You are in luck. There is a company in the UK that sells a compatible interface both in serial port and USB design for a lot less that what you probably would pay for a real Kenwood IF-232c

ZLP Electronics http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml I think the UK price is 33 pounds. Good luck

73 Dave WB2FTX
----- Original Message -----
From: "Barrie Parsons" <g4yjsbarrie@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, October 10, 2010 1:34 PM
Subject: [TS-850_450_690] IFC232C FOR TS450SAT

> Dear group.
> I received my TS450S today and was hoping someone could tell me were to
> obtain an IF232C for computer control in the United Kingdom(or elsewere).I
> have Googled but nothing comes up.Cheers to all Barrie g4yjs
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.862 / Virus Database: 271.1.1/3188 - Release Date: 10/10/10 02:34:00

9685. RE: [TS-850_450_690] IFC232C FOR TS450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 20:23:27 UTC
From: Andy Hearn
Topic: 9679 Message: 9685

Barrie

G4ZLP's interface is very good, well made, I also have his Data interface,
no hum loops or interference.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Barrie Parsons
Sent: 10 October 2010 18:35
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] IFC232C FOR TS450SAT

Dear group.
I received my TS450S today and was hoping someone could tell me were to
obtain an IF232C for computer control in the United Kingdom(or elsewere).I
have Googled but nothing comes up.Cheers to all Barrie g4yjs

[Non-text portions of this message have been removed]

9686. Re: [TS-850_450_690] IFC232C FOR TS450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 20:28:14 UTC
From: Tom Osborne
Topic: 9679 Message: 9686

I agree with Dave. I have 3 of Neals interfaces here and they all work FB.
He really stands by his product, also. 73
Tom W7WHY

You are in luck. There is a company in the UK that sells a compatible
interface both in serial port and USB design for a lot less that what
you probably would pay for a real Kenwood IF-232c

ZLP Electronics http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml I
think the UK price is 33 pounds. Good luck

73 Dave WB2FTX

> Dear group.
> I received my TS450S today and was hoping someone could tell me were to
> obtain an IF232C for computer control in the United Kingdom(or elsewere).I
> have Googled but nothing comes up.Cheers to all Barrie g4yjs

9687. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 21:24:18 UTC
From: John Kuklewicz N7ZN
Topic: 9680 Message: 9687

When I try to download KMIJ (is this the VE3MIJ software?) from
<http://www.dxzone.com/dx6600/kmij-kenwood-remote-control-for-ts-850-ts-450.html>
I get an invalid zip file error.

Is there a better place to find this? I would really like a control
program for my TS-850 that will run on Win 98 (my old and slow shack
computer). (Available versions of HRD will not run on Win 98)

73;

John N7ZN

On 10/10/2010 11:47 AM, Dave ve3wej wrote:
> I guess it depends on how you want to control it, exclusive, or within a log
> program
>
> ham radio deluxe, while being very large in size does a nice job, but
> simpler so does software for the 850 by ve3mij..... it also works, i
> understand on the ts450 as well
>
>
>
> ----- Original Message -----
> From: "Barrie Parsons"<g4yjsbarrie@...>
> To:<TS-850_450_690@yahoogroups.com>
> Sent: Sunday, October 10, 2010 1:38 PM
> Subject: [TS-850_450_690] KENTROL
>
>
>> Dear group.
>> Is anybody aware of a 64 bit windows 7 version of Kenwood control
>> software?.Or is there any other progs available?many thanks Barrie g4yjs.
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>
>>
>>
>
>
>
> ------------------------------------
>

> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

--
"If every Jewish and anti-Nazi family in Germany had owned a Mauser rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf Hitler would be a little-known footnote to the history of the Weimar Republic." - Aaron Zelman, JPFO
http://www.jpfo.org/

9688. RE: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 21:56:12 UTC
From: Andy Hearn
Topic: 9680 Message: 9688

I have similar problem although I do not get any zip file error, it appears to be missing KMU.EXE

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of John Kuklewicz N7ZN
Sent: 10 October 2010 22:24
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] KENTROL

When I try to download KMIJ (is this the VE3MIJ software?) from <http://www.dxzone.com/dx6600/kmij-kenwood-remote-control-for-ts-850-ts-450.html>
I get an invalid zip file error.

Is there a better place to find this? I would really like a control program for my TS-850 that will run on Win 98 (my old and slow shack computer). (Available versions of HRD will not run on Win 98)

73;

John N7ZN

On 10/10/2010 11:47 AM, Dave ve3wej wrote:
> I guess it depends on how you want to control it, exclusive, or within a log
> program
>
> ham radio deluxe, while being very large in size does a nice job, but
> simpler so does software for the 850 by ve3mij..... it also works, i
> understand on the ts450 as well
>
>
>
> ----- Original Message -----
> From: "Barrie Parsons"<g4yjsbarrie@... <mailto:g4yjsbarrie%40sky.com>
>
> To:<TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> >
> Sent: Sunday, October 10, 2010 1:38 PM
> Subject: [TS-850_450_690] KENTROL
>
>
>> Dear group.

>> Is anybody aware of a 64 bit windows 7 version of Kenwood control
>> software?.Or is there any other progs available?many thanks Barrie g4yjs.
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>>
>>
>>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>
>
>
>

--
"If every Jewish and anti-Nazi family in Germany had owned a Mauser
rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf
Hitler would be a little-known footnote to the history of the Weimar
Republic." - Aaron Zelman, JPFO
http://www.jpfo.org/

[Non-text portions of this message have been removed]

9689. Re: [TS-850_450_690] Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 22:07:47 UTC
From: Tom Jones N8NMA
Topic: 9649 Message: 9689

Well that was what I had thought also. I replaced the chip with a socket also. All is working at this time. I checked the diodes and could not find any fault there but I may have not read them right. If the new chip dies, I guess I will recheck the diodes again or just replace them first.
Thanks a bunch Clif

Tom N8NMA

--- On Sun, 10/10/10, avvidclif <clif@...m> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: Low transmit power on 20,15,17,12, and 10 meters on 850
To: TS-850_450_690@yahoogroups.com
Date: Sunday, October 10, 2010, 2:04 PM

Leaky diodes cause low voltages on the IC and they go out a lot more often than the IC's.

Clif

--- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
>
> Thanks Bob....well I checked all of that and I think it is the IC 1 on the RF unit. I found the information on the N6TR page and checked the voltagesÂ on the chip and they were low on a couple of the legs. Going to order the chip and replace it.
> Â
> Thanks
> Tom N8NMA
>
> --- On Fri, 9/24/10, Bob Naylor <wotbob01@...> wrote:
>
>
> From: Bob Naylor <wotbob01@...>
> Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
> To: TS-850_450_690@yahoogroups.com
> Date: Friday, September 24, 2010, 8:06 PM
>
>
> Â
>
>
>
> Tom, Make sure all your controls are set properly.Â It's easy to bump something.Â Are you testing into a dummy load?Â Is the dummy load a perfect match?Â RF power and CAR adjustments correct?Â tuner off?Â etc etc etc.
> The reason I say this is just the other day I go turn on the 850, tune around and find

someone calling CQ that I was going to answer.Â Well it wouldn't transmit!Â Oh &%#$ what happened???Â Well to make a long story short, I looked over at my adjustable power supply and it was at 9.5 volts!Â I had turned it down to 9+ volts a few days before to check out a small battery table radio and forgot to put it back!Â It was a sigh of relief tho!Â Funny now but at first it wasn't so funny!Â Hope it's something simple.Â 73, BobÂ WE6C
> PSÂ An 850 will receive fine on 9.5 volts!
>
> --- On Thu, 9/23/10, n8nma <n8nma@...> wrote:
>
> From: n8nma <n8nma@...>
> Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, September 23, 2010, 8:49 PM
>
> Â
>
> Well my trusty TS850 has developed another problem. The output power on 160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output is about half or no power at all. Did a reset with no result. Checked the carrier board and nothing looks bad at this point. Anyone ever have this problem. Tried to do a search in the messages but it does not seem to be working. Any help would be great.
>
> Thanks
>
> Tom N8NMA
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9690. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 22:28:03 UTC
From: Zack Widup
Topic: 9680 Message: 9690

I think I put the version of Kentrol that I have in the Files section.
It runs fine on Windows 98 - in fact, I used it on that platform for
years. It also runs fine on XP. I haven't tried it on Vista or WIndows
7.

73, Zack W9SZ

On 10/10/10, John Kuklewicz N7ZN <kukl@...> wrote:
> When I try to download KMIJ (is this the VE3MIJ software?) from
> <http://www.dxzone.com/dx6600/kmij-kenwood-remote-control-for-ts-850-ts-450.html>
> I get an invalid zip file error.
>
> Is there a better place to find this? I would really like a control
> program for my TS-850 that will run on Win 98 (my old and slow shack
> computer). (Available versions of HRD will not run on Win 98)
>
> 73;
>
> John N7ZN
>
> On 10/10/2010 11:47 AM, Dave ve3wej wrote:
>> I guess it depends on how you want to control it, exclusive, or within a
>> log
>> program
>>
>> ham radio deluxe, while being very large in size does a nice job, but
>> simpler so does software for the 850 by ve3mij..... it also works, i
>> understand on the ts450 as well
>>
>>
>>
>> ----- Original Message -----
>> From: "Barrie Parsons"<g4yjsbarrie@...>
>> To:<TS-850_450_690@yahoogroups.com>
>> Sent: Sunday, October 10, 2010 1:38 PM
>> Subject: [TS-850_450_690] KENTROL
>>
>>
>>> Dear group.
>>> Is anybody aware of a 64 bit windows 7 version of Kenwood control
>>> software?.Or is there any other progs available?many thanks Barrie g4yjs.
>>>
>>>
>>>
>>> ------------------------------------

>>>
>>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>>
>>>
>>>
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>
>>
>>
>>
>
> --
> "If every Jewish and anti-Nazi family in Germany had owned a Mauser
> rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf
> Hitler would be a little-known footnote to the history of the Weimar
> Republic." - Aaron Zelman, JPFO
> http://www.jpfo.org/
>

9691. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 22:41:57 UTC
From: Dave ve3wej
Topic: 9680 Message: 9691

try this one, it opened for me

http://xoomer.virgilio.it/ham-radio-manuals/kmij3_11.zip

----- Original Message -----
From: "John Kuklewicz N7ZN" <kukl@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, October 10, 2010 5:24 PM
Subject: Re: [TS-850_450_690] KENTROL

> When I try to download KMIJ (is this the VE3MIJ software?) from
> <http://www.dxzone.com/dx6600/kmij-kenwood-remote-control-for-ts-850-ts-450.html>
> I get an invalid zip file error.
>
> Is there a better place to find this? I would really like a control
> program for my TS-850 that will run on Win 98 (my old and slow shack
> computer). (Available versions of HRD will not run on Win 98)
>
> 73;
>
> John N7ZN
>
> On 10/10/2010 11:47 AM, Dave ve3wej wrote:
>> I guess it depends on how you want to control it, exclusive, or within a
>> log
>> program
>>
>> ham radio deluxe, while being very large in size does a nice job, but
>> simpler so does software for the 850 by ve3mij..... it also works, i
>> understand on the ts450 as well
>>
>>
>>
>> ----- Original Message -----
>> From: "Barrie Parsons"<g4yjsbarrie@...>
>> To:<TS-850_450_690@yahoogroups.com>
>> Sent: Sunday, October 10, 2010 1:38 PM
>> Subject: [TS-850_450_690] KENTROL
>>
>>
>>> Dear group.
>>> Is anybody aware of a 64 bit windows 7 version of Kenwood control
>>> software?.Or is there any other progs available?many thanks Barrie
>>> g4yjs.
>>>
>>>

>>>
>>> ------------------------------------
>>>
>>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>>
>>>
>>>
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>
>>
>>
>>
>
> --
> "If every Jewish and anti-Nazi family in Germany had owned a Mauser
> rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf
> Hitler would be a little-known footnote to the history of the Weimar
> Republic." - Aaron Zelman, JPFO
> http://www.jpfo.org/
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9692. kmij software

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 22:50:37 UTC
From: Dave ve3wej
Topic: 9692 Message: 9692

A newer version of the ve3mij software is in the files area
and has been there a while

kmij3v24.zip

Dave Garber
VE3WEJ@...

9693. RE: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-10 22:51:03 UTC
From: Andy Hearn
Topic: 9680 Message: 9693

I tried that one and got same message " cannot find KMU.exe.

I know why !, using Win 7 Ultimate ...Cannot run 16 bit program

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dave ve3wej
Sent: 10 October 2010 23:42
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] KENTROL

try this one, it opened for me

http://xoomer.virgilio.it/ham-radio-manuals/kmij3_11.zip

----- Original Message -----
From: "John Kuklewicz N7ZN" <kukl@... <mailto:kukl%40wildblue.net>
>
To: <TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> >
Sent: Sunday, October 10, 2010 5:24 PM
Subject: Re: [TS-850_450_690] KENTROL

> When I try to download KMIJ (is this the VE3MIJ software?) from
>
<http://www.dxzone.com/dx6600/kmij-kenwood-remote-control-for-ts-850-ts-450.
html>
> I get an invalid zip file error.
>
> Is there a better place to find this? I would really like a control
> program for my TS-850 that will run on Win 98 (my old and slow shack
> computer). (Available versions of HRD will not run on Win 98)
>
> 73;
>
> John N7ZN
>
> On 10/10/2010 11:47 AM, Dave ve3wej wrote:
>> I guess it depends on how you want to control it, exclusive, or within a
>> log
>> program
>>
>> ham radio deluxe, while being very large in size does a nice job, but
>> simpler so does software for the 850 by ve3mij..... it also works, i
>> understand on the ts450 as well
>>

>>
>>
>> ----- Original Message -----
>> From: "Barrie Parsons"<g4yjsbarrie@... <mailto:g4yjsbarrie%40sky.com>
>
>> To:<TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> >
>> Sent: Sunday, October 10, 2010 1:38 PM
>> Subject: [TS-850_450_690] KENTROL
>>
>>
>>> Dear group.
>>> Is anybody aware of a 64 bit windows 7 version of Kenwood control
>>> software?.Or is there any other progs available?many thanks Barrie
>>> g4yjs.
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>>>
>>>
>>>
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>>
>>
>>
>>
>
> --
> "If every Jewish and anti-Nazi family in Germany had owned a Mauser
> rifle and twenty rounds of ammunition AND THE WILL TO USE IT Adolf
> Hitler would be a little-known footnote to the history of the Weimar
> Republic." - Aaron Zelman, JPFO
> http://www.jpfo.org/
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>

>
>

[Non-text portions of this message have been removed]

9694. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-11 00:23:01 UTC
From: Tom Osborne
Topic: 9680 Message: 9694

Hi
I tried to open it and got the error message 'zipped file corrupt'. 73
Tom W7WHY

try this one, it opened for me

http://xoomer.virgilio.it/ham-radio-manuals/kmij3_11.zip

9695. Re: [KENWOODTS870] TS-870S Issue/Found Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-11 12:45:24 UTC
From: Crownhaven
Topic: 9695 Message: 9695

Well, the TS-870S IS very voltage sensitive as I learned before.
Evidently, my Astron crapped out and threw me over to battery back-up.
No way for me to know. The voltage on the storage battery isn't quite
as steady as the Astron. When I moved the rig to a second Astron,
everything started working fine again. Damn!!!!!!!

Clif, you can stand down Sir!!!!!!

Steve, N4JQQ

On 10/11/2010 7:33 AM, Crownhaven wrote:
>
> Hi folks. Wondering if anyone has seen this problem in an 870. My rig
> suddenly, no changes in the shack, overnight, started losing audio when
> I send fast CW at any power over 50 watts. It only does it with dits.
> If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM,
> more or less, it doesn't do it. The audio goes away in the regular
> chain and in the monitor. I can monitor on another receiver and I'm
> still sending clean CW. I just can't hear it. Happens when power in
> rig goes over 50. I'm thinking RFI and I have changed about everything
> and tried every combination I can think of. Still there. Plus, why
> only with the dits????????? Full or semi. You name it, I have tried
> it. Anyone seen anything like this before???????
>
> It seems like some years ago, I had something wierd going on with my
> other 870 in CW that was due to low voltage coming to the rig. I don't
> think that is the case here.
>
> Steve, N4JQQ
>
>

[Non-text portions of this message have been removed]

9696. TS-870S Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-11 12:33:02 UTC
From: Crownhaven
Topic: 9696 Message: 9696

Hi folks. Wondering if anyone has seen this problem in an 870. My rig suddenly, no changes in the shack, overnight, started losing audio when I send fast CW at any power over 50 watts. It only does it with dits. If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM, more or less, it doesn't do it. The audio goes away in the regular chain and in the monitor. I can monitor on another receiver and I'm still sending clean CW. I just can't hear it. Happens when power in rig goes over 50. I'm thinking RFI and I have changed about everything and tried every combination I can think of. Still there. Plus, why only with the dits????????? Full or semi. You name it, I have tried it. Anyone seen anything like this before???????

It seems like some years ago, I had something wierd going on with my other 870 in CW that was due to low voltage coming to the rig. I don't think that is the case here.

Steve, N4JQQ

9697. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-11 14:13:57 UTC
From: John Kuklewicz N7ZN
Topic: 9680 Message: 9697

Found my problem with the 'corrupted zip files'

Appears that the zip file in question uses an older version of the zip
algorithm that is not compatible with the native unzip software that is
native to Windows XP (pro in my case).

I installed an eval copy of PKZIP and installed it with the downlevel
compatibility. This was able to successfully extract the archive.

73; John N7ZN

On 10/10/2010 5:23 PM, Tom Osborne wrote:
> Hi
> I tried to open it and got the error message 'zipped file corrupt'. 73
> Tom W7WHY
>
>
>
> try this one, it opened for me
>
> http://xoomer.virgilio.it/ham-radio-manuals/kmij3_11.zip
>

9698. Re: [TS-850_450_690] KENTROL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-11 14:36:59 UTC
From: Zack Widup
Topic: 9680 Message: 9698

It also works fine with the free 7-Zip program.

73, Zack W9SZ

On Mon, Oct 11, 2010 at 9:13 AM, John Kuklewicz N7ZN <kukl@...>wrote:

>
>
> Found my problem with the 'corrupted zip files'
>
> Appears that the zip file in question uses an older version of the zip
> algorithm that is not compatible with the native unzip software that is
> native to Windows XP (pro in my case).
>
> I installed an eval copy of PKZIP and installed it with the downlevel
> compatibility. This was able to successfully extract the archive.
>
> 73; John N7ZN
>
>
> On 10/10/2010 5:23 PM, Tom Osborne wrote:
> > Hi
> > I tried to open it and got the error message 'zipped file corrupt'. 73
> > Tom W7WHY
> > >
> > >
> > >
> > try this one, it opened for me
> > >
> > http://xoomer.virgilio.it/ham-radio-manuals/kmij3_11.zip
> > >
>
>

[Non-text portions of this message have been removed]

9699. CW SIDE TONE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 01:43:12 UTC
From: BARRIE
Topic: 9699 Message: 9699

Dear group......no where in the manual can I find details of cw side tone settings.It has been mentioned many times in this group.Please can someone tell me how to enable the side tone on my TS 450S?.Many thanks Barrie g4yjs.

9700. Re: CW SIDE TONE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 04:17:02 UTC
From: w4jz
Topic: 9699 Message: 9700

Barry, on page 79 it shows the side tone adjustment. It is VR7 under the bottom cover door.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "BARRIE" <g4yjsbarrie@...> wrote:
>
> Dear group......no where in the manual can I find details of cw side tone settings.It has been mentioned many times in this group.Please can someone tell me how to enable the side tone on my TS 450S?.Many thanks Barrie g4yjs.
>

9701. Re: IFC232C FOR TS450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 17:20:06 UTC
From: BARRIE
Topic: 9679 Message: 9701

Dear group....many thanks for all the replies ref the ICF232C very grateful to you all...will order on Friday when I get paid(((lovely money)))does not last long when into amateur radio.73 to all Barrie g4yjs.
--- In TS-850_450_690@yahoogroups.com, David Struebel <wb2ftx@...> wrote:
>
> You are in luck. There is a company in the UK that sells a compatible
> interface both in serial port and USB design for a lot less that what
> you probably would pay for a real Kenwood IF-232c
>
> ZLP Electronics http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml I
> think the UK price is 33 pounds. Good luck
>
> 73 Dave WB2FTX
> ----- Original Message -----
> From: "Barrie Parsons" <g4yjsbarrie@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, October 10, 2010 1:34 PM
> Subject: [TS-850_450_690] IFC232C FOR TS450SAT
>
>
> > Dear group.
> > I received my TS450S today and was hoping someone could tell me were to
> > obtain an IF232C for computer control in the United Kingdom(or elsewere).I
> > have Googled but nothing comes up.Cheers to all Barrie g4yjs
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> --
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.862 / Virus Database: 271.1.1/3188 - Release Date: 10/10/10
> 02:34:00
>

9702. Re: CW SIDE TONE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 17:36:31 UTC
From: BARRIE
Topic: 9699 Message: 9702

DEAR GROUP.....I have found that it is not the side tone giving me the problem...It is the fact that the tcvr is not sending cw....It is txtng carrier but key down does not produce the desired effect.The tcvr is in cw mode and set to vox...I am using a mono jack plug as stated in the manual.Any suggestions gladly received.Many thanks 73 Barrie g4yjs.

--- In TS-850_450_690@yahoogroups.com, "BARRIE" <g4yjsbarrie@...> wrote:
>
> Dear group......no where in the manual can I find details of cw side tone settings.It has been mentioned many times in this group.Please can someone tell me how to enable the side tone on my TS 450S?.Many thanks Barrie g4yjs.
>

9703. Re: CW SIDE TONE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 17:25:26 UTC
From: BARRIE
Topic: 9699 Message: 9703

Dear Reed...many thanks for your reply.I have found that the problem is not the side tone.It is that I am not transmitting any cw.I put the tcvr on vox/cw and when I press the key nothing happens.I am using a mono jack plug as stated in the manual....Any suggestions will be appreciated.Many thanks Reed...73 Barrie g4yjs.

--- In TS-850_450_690@yahoogroups.com, "w4jz" <w4jz@...> wrote:
>
> Barry, on page 79 it shows the side tone adjustment. It is VR7 under the bottom cover door.
>
> Reed W4JZ
>
> --- In TS-850_450_690@yahoogroups.com, "BARRIE" <g4yjsbarrie@> wrote:
> >
> > Dear group......no where in the manual can I find details of cw side tone settings.It has been mentioned many times in this group.Please can someone tell me how to enable the side tone on my TS 450S?.Many thanks Barrie g4yjs.
> >
>

9704. TS450 SAT NO CW TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 17:41:31 UTC
From: BARRIE
Topic: 9704 Message: 9704

Dear group.....I posted a mail ref no cw side tone.I have found out that the side tone is not the problem.The problem is that the tcvr is txg carrier but on key down nothing happens.I am using a mono jack plug as stated in the manual..any suggestions gratefully received 73 to all Barrie g4yjs.

9705. TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 19:47:16 UTC
From: w8nf
Topic: 9705 Message: 9705

I have not been able to figure this out from the service manual.

The 8 pin round mic jack on the front panel uses pin 1 for mic audio and pin 7 for the mic audio's shield. I'm trying to determine how long that internal shield wire is before it finally actually is connected to the chassis.

The block diagram suggests that the 8 pin jack is physically attached to the "digital" board. Presuming that's the board behind the front panel, it makes sense. But I cannot find the jack on the schematic for the digital board.

Somehow, that signal from the digital board routes to the IF board - which has an RFI reducing capacitor on it. But that's a long way from the mic jack itself.

Basically, I'm fighting RFI issues with this radio...RF getting into the microphone leads. I'm thinking I've got a massive "pin 1 problem" on my hands. That's where the so-called shield lead for a very low-level signal travels way too far inside the housing before it is connected to the chassis.

Before I go brute force and solder a wire from pin7 to the chassis behind the front panel, I want to figure out how the factory intended it to be done.

I'm making the bold assumption that anybody who services these rigs regularly has figured out the mic wiring inside them.

Thanks!

Dave W8NF

9706. New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 20:45:53 UTC
From: Jojo Vicencio DU1VHY
Topic: 782 Message: 9706

Good day to everyone. I am Jojo Vicencio, DU1VHY. Just got my hands on a TS-450S yesterday. It is on the table warming up as I do not know how long it has been resting. Cosmetically clean. Even the faceplate does not show any scratch at all.

I look forward to sharing the joys, problems and other concerns that owners of the rig go through. For now, I am happy with it and look forward to using this. My only concern is that it seems the manuals for this radio is unavailable on the net.

73,

jojo

[Non-text portions of this message have been removed]

9707. Re: TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 22:52:06 UTC
From: avvidclif
Topic: 9705 Message: 9707

Page 179 of the service manual, far right side, shows the mic jack mounted on a PCB (B/4) of the SW unit. The top two wires are labeled Mic and M Gnd are shown to go to the IF Unit A/5 CN22 which is on the left edge of page 154 (IF Unit schematic).

I would suggest not doing what you are thinking unless you want to cause more problems. The problem is going to be external to the radio as long as Pin 7 shows continuity to ground.

Clif

--- In TS-850_450_690@yahoogroups.com, "w8nf" <w8nf@...> wrote:
>
> I have not been able to figure this out from the service manual.
>
> The 8 pin round mic jack on the front panel uses pin 1 for mic audio and pin 7 for the mic audio's shield. I'm trying to determine how long that internal shield wire is before it finally actually is connected to the chassis.
>
> The block diagram suggests that the 8 pin jack is physically attached to the "digital" board. Presuming that's the board behind the front panel, it makes sense. But I cannot find the jack on the schematic for the digital board.
>
> Somehow, that signal from the digital board routes to the IF board - which has an RFI reducing capacitor on it. But that's a long way from the mic jack itself.
>
> Basically, I'm fighting RFI issues with this radio...RF getting into the microphone leads. I'm thinking I've got a massive "pin 1 problem" on my hands. That's where the so-called shield lead for a very low-level signal travels way too far inside the housing before it is connected to the chassis.
>
> Before I go brute force and solder a wire from pin7 to the chassis behind the front panel, I want to figure out how the factory intended it to be done.
>
> I'm making the bold assumption that anybody who services these rigs regularly has figured out the mic wiring inside them.
>
> Thanks!
>
> Dave W8NF
>

9708. Re: New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-12 22:56:05 UTC
From: avvidclif
Topic: 782 Message: 9708

The owners manual is available on Kenwood USA's website.

http://www.kenwoodusa.com/Support/Amateur_Radio/

It almost 70MB.

Clif

--- In TS-850_450_690@yahoogroups.com, Jojo Vicencio DU1VHY <jojo@...> wrote:
>
> Good day to everyone. I am Jojo Vicencio, DU1VHY. Just got my hands on a TS-450S yesterday. It is on the table warming up as I do not know how long it has been resting. Cosmetically clean. Even the faceplate does not show any scratch at all.
>
> I look forward to sharing the joys, problems and other concerns that owners of the rig go through. For now, I am happy with it and look forward to using this. My only concern is that it seems the manuals for this radio is unavailable on the net.
>
> 73,
>
> jojo
>
> [Non-text portions of this message have been removed]
>

9709. Re: New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-13 13:37:16 UTC
From: Alex
Topic: 782 Message: 9709

Jojo
DU1VHY

Welcome to the group , It helps a lot.

73,
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, Jojo Vicencio DU1VHY <jojo@...> wrote:
>
> Good day to everyone. I am Jojo Vicencio, DU1VHY. Just got my hands on a TS-450S yesterday. It is on the table warming up as I do not know how long it has been resting. Cosmetically clean. Even the faceplate does not show any scratch at all.
>
> I look forward to sharing the joys, problems and other concerns that owners of the rig go through. For now, I am happy with it and look forward to using this. My only concern is that it seems the manuals for this radio is unavailable on the net.
>
> 73,
>
> jojo
>
> [Non-text portions of this message have been removed]
>

9710. Re: TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-13 18:26:56 UTC
From: w8nf
Topic: 9705 Message: 9710

What problems might I cause by fixing a "pin 1 problem?".

As you probably know, a shield isn't a shield unless the shield ties to the chassis of the device in a very short path. Any common-mode RF picked up on a cable entering a box that's not tied to chassis at the point of entry, then becomes re-radiated inside the box.

The "pin1problem" is so common in pro audio that the engineers who are trying to get industry to stop creating the problem have created a website about it.

http://pin1problem.com

There are links in that website to specific papers from the Journal of the Audio Engineering Society describing the theory.

I'm game to look at other solutions, certainly, but so far, my experiments tell me that the fundamental RFI issue in the '850 is that the shield of the mic input cable travels too far inside the radio before connecting to ground. Thus, inside the rig, it's a transmit antenna.

At present, I'm "fixing" the problem by penetrating the front panel paint and pressing a wire there, tied to mic shield. I'd like to fix the problem in a prettier way ;)

But, if you believe that other problems will be caused, I'd like to hear them.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Page 179 of the service manual, far right side, shows the mic jack mounted on a PCB (B/4) of the SW unit. The top two wires are labeled Mic and M Gnd are shown to go to the IF Unit A/5 CN22 which is on the left edge of page 154 (IF Unit schematic).
>
> I would suggest not doing what you are thinking unless you want to cause more problems. The problem is going to be external to the radio as long as Pin 7 shows continuity to ground.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "w8nf" <w8nf@> wrote:
> >
> > I have not been able to figure this out from the service manual.
> >
> > The 8 pin round mic jack on the front panel uses pin 1 for mic audio and pin 7 for the mic audio's shield. I'm trying to determine how long that internal shield wire is before it finally actually is connected to the chassis.

> >
> > The block diagram suggests that the 8 pin jack is physically attached to the "digital" board. Presuming that's the board behind the front panel, it makes sense. But I cannot find the jack on the schematic for the digital board.
> >
> > Somehow, that signal from the digital board routes to the IF board - which has an RFI reducing capacitor on it. But that's a long way from the mic jack itself.
> >
> > Basically, I'm fighting RFI issues with this radio...RF getting into the microphone leads. I'm thinking I've got a massive "pin 1 problem" on my hands. That's where the so-called shield lead for a very low-level signal travels way too far inside the housing before it is connected to the chassis.
> >
> > Before I go brute force and solder a wire from pin7 to the chassis behind the front panel, I want to figure out how the factory intended it to be done.
> >
> > I'm making the bold assumption that anybody who services these rigs regularly has figured out the mic wiring inside them.
> >
> > Thanks!
> >
> > Dave W8NF
> >
>

9712. Re: [TS-850_450_690] Re: TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-13 22:11:37 UTC
From: Dave Haupt
Topic: 9705 Message: 9712

Yep, I've fixed a couple million my lifetime. Since my temp ground connection isn't causing one, then I think I'm safe.

Thanks.

Dave W8NF

--- On Wed, 10/13/10, avvidclif <clif@...> wrote:

> From: avvidclif <clif@avvid.com>
> Subject: [TS-850_450_690] Re: TS-850SAT - how does the mic jack wiring route to the IF board?
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, October 13, 2010, 2:44 PM
> Ground loop, ever heard of that?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com,
> "w8nf" <w8nf@...> wrote:
> >
> > What problems might I cause by fixing a "pin 1
> problem?".
> >
> > As you probably know, a shield isn't a shield unless
> the shield ties to the chassis of the device in a very short
> path. Any common-mode RF picked up on a cable entering
> a box that's not tied to chassis at the point of entry, then
> becomes re-radiated inside the box.
> >
> > The "pin1problem" is so common in pro audio that the
> engineers who are trying to get industry to stop creating
> the problem have created a website about it.
> >
> > http://pin1problem.com
> >
> > There are links in that website to specific papers
> from the Journal of the Audio Engineering Society describing
> the theory.
> >
> > I'm game to look at other solutions, certainly, but so
> far, my experiments tell me that the fundamental RFI issue
> in the '850 is that the shield of the mic input cable
> travels too far inside the radio before connecting to
> ground. Thus, inside the rig, it's a transmit

> antenna.
> >
> > At present, I'm "fixing" the problem by penetrating
> the front panel paint and pressing a wire there, tied to mic
> shield. I'd like to fix the problem in a prettier way
> ;)
> >
> > But, if you believe that other problems will be
> caused, I'd like to hear them.
> >
> > 73,
> >
> > Dave W8NF
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com,
> "avvidclif" <clif@> wrote:
> > >
> > > Page 179 of the service manual, far right side,
> shows the mic jack mounted on a PCB (B/4) of the SW unit.
> The top two wires are labeled Mic and M Gnd are shown to go
> to the IF Unit A/5 CN22 which is on the left edge of page
> 154 (IF Unit schematic).
> > >
> > > I would suggest not doing what you are thinking
> unless you want to cause more problems. The problem is going
> to be external to the radio as long as Pin 7 shows
> continuity to ground.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com,
> "w8nf" <w8nf@> wrote:
> > > >
> > > > I have not been able to figure this out from
> the service manual.
> > > >
> > > > The 8 pin round mic jack on the front panel
> uses pin 1 for mic audio and pin 7 for the mic audio's
> shield. I'm trying to determine how long that internal
> shield wire is before it finally actually is connected to
> the chassis.
> > > >
> > > > The block diagram suggests that the 8 pin
> jack is physically attached to the "digital" board.
> Presuming that's the board behind the front panel, it makes
> sense. But I cannot find the jack on the schematic for
> the digital board.
> > > >

> > > > Somehow, that signal from the digital board
> routes to the IF board - which has an RFI reducing capacitor
> on it. But that's a long way from the mic jack
> itself.
> > > >
> > > > Basically, I'm fighting RFI issues with this
> radio...RF getting into the microphone leads. I'm
> thinking I've got a massive "pin 1 problem" on my
> hands. That's where the so-called shield lead for a
> very low-level signal travels way too far inside the housing
> before it is connected to the chassis.
> > > >
> > > > Before I go brute force and solder a wire
> from pin7 to the chassis behind the front panel, I want to
> figure out how the factory intended it to be done.
> > > >
> > > > I'm making the bold assumption that anybody
> who services these rigs regularly has figured out the mic
> wiring inside them.
> > > >
> > > > Thanks!
> > > >
> > > > Dave W8NF
> > > >
> > >
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...!
> Groups Links
>
>
>   TS-850_450_690-fullfeatured@yahoogroups.com
>
>
>

9713. Re: New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-14 01:41:05 UTC
From: Bryan
Topic: 782 Message: 9713

Hola Jojo,

Also available on the Kenwood site are service bulletins. As well as the instruction manual, the service manual is available at http://www.wz5q.net/index/manuals.htm.

vy 73,
Bryan WA7PRC

Clif wrote:
>
> The owners manual is available on Kenwood USA's website.
>
> http://www.kenwoodusa.com/Support/Amateur_Radio/
>
> It almost 70MB.
>
> Clif
>
> Jojo Vicencio DU1VHY wrote:
> >
> > Good day to everyone. I am Jojo Vicencio, DU1VHY. Just got my hands on a TS-450S yesterday. It is on the table warming up as I do not know how long it has been resting. Cosmetically clean. Even the faceplate does not show any scratch at all.
> >
> > I look forward to sharing the joys, problems and other concerns that owners of the rig go through. For now, I am happy with it and look forward to using this. My only concern is that it seems the manuals for this radio is unavailable on the net.
> >
> > 73,
> >
> > jojo

9714. TS-850 Output Problem.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-14 15:13:56 UTC
From: Two-Way
Topic: 9714 Message: 9714

Hello Everyone. I am a new member, and repair tech. I have recently been trying to solve a problem with an 850 that has me stumped. And, yes I have searched the forum high and low for this problem.

I have repaired the DDS board and all surface mount caps. The radio works fine after a complete alignment, VCO/PLL RF/IF and the works.
Out the door it goes.

2 hours later the chap says that the tuner doesn't work??

When I get it back, sure enough, there is NO RF output in AM/FM or CW BUT SSB is just fine punching 120Watts into the service monitor.

I have been through the alignment process several times. It just completely quit out of the blue BUT only on all modes except SSB???

Any ideas on this one please, and if I did miss a post outlining the problems, apologies and please direct me to it.

Thanks.

VE3NLS/VA3NLS

9715. Re: [TS-850_450_690] Re: TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-14 17:32:23 UTC
From: Bob Naylor
Topic: 9705 Message: 9715

Clif, Just to confirm, multiple grounds which can be at different potentials. Is that a close enuff explanation? I read once in a while on a forum about hams having several grounds and wonder why they don't have a ground loop problem??? Bob WE6C

--- On Wed, 10/13/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850SAT - how does the mic jack wiring route to the IF board?
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, October 13, 2010, 2:44 PM

Ground loop, ever heard of that?

Clif

--- In TS-850_450_690@yahoogroups.com, "w8nf" <w8nf@...> wrote:

>

> What problems might I cause by fixing a "pin 1 problem?".

>

> As you probably know, a shield isn't a shield unless the shield ties to the chassis of the device in a very short path. Any common-mode RF picked up on a cable entering a box that's not tied to chassis at the point of entry, then becomes re-radiated inside the box.

>

> The "pin1problem" is so common in pro audio that the engineers who are trying to get industry to stop creating the problem have created a website about it.

>

> http://pin1problem.com

>

> There are links in that website to specific papers from the Journal of the Audio Engineering Society describing the theory.

>

> I'm game to look at other solutions, certainly, but so far, my experiments tell me that the fundamental RFI issue in the '850 is that the shield of the mic input cable travels too far inside the radio before connecting to ground. Thus, inside the rig, it's a transmit antenna.

>

> At present, I'm "fixing" the problem by penetrating the front panel paint and pressing a wire there, tied to mic shield. I'd like to fix the problem in a prettier way ;)

>

> But, if you believe that other problems will be caused, I'd like to hear them.

>

> 73,

>

> Dave W8NF

>

>

>

> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> >

> > Page 179 of the service manual, far right side, shows the mic jack mounted on a PCB (B/4) of the SW unit. The top two wires are labeled Mic and M Gnd are shown to go to the IF Unit A/5 CN22 which is on the left edge of page 154 (IF Unit schematic).

> >

> > I would suggest not doing what you are thinking unless you want to cause more problems. The problem is going to be external to the radio as long as Pin 7 shows continuity to ground.

> >

> > Clif

> >

> > --- In TS-850_450_690@yahoogroups.com, "w8nf" <w8nf@> wrote:

> > >

> > > I have not been able to figure this out from the service manual.

> > >

> > > The 8 pin round mic jack on the front panel uses pin 1 for mic audio and pin 7 for the mic audio's shield. I'm trying to determine how long that internal shield wire is before it finally actually is connected to the chassis.

> > >

> > > The block diagram suggests that the 8 pin jack is physically attached to the "digital" board. Presuming that's the board behind the front panel, it makes sense. But I cannot find the jack on the schematic for the digital board.

> > >

> > > Somehow, that signal from the digital board routes to the IF board - which has an RFI reducing capacitor on it. But that's a long way from the mic jack itself.

> > >

> > > Basically, I'm fighting RFI issues with this radio...RF getting into the microphone leads. I'm thinking I've got a massive "pin 1 problem" on my hands. That's where the so-called shield lead for a very low-level signal travels way too far inside the housing before it is connected to the chassis.

> > >

> > > Before I go brute force and solder a wire from pin7 to the chassis behind the front panel, I want to figure out how the factory intended it to be done.

> > >

> > > I'm making the bold assumption that anybody who services these rigs regularly has figured out the mic wiring inside them.

> > >

> > > Thanks!

> > >

> > > Dave W8NF

> > >

> >

>

[Non-text portions of this message have been removed]

9716. Re: [TS-850_450_690] Re: TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-14 18:07:42 UTC
From: Zack Widup
Topic: 9705 Message: 9716

I have never had that problem with my 850.

As a suggestion, check first that all the grounding screws on the pc boards
are tight. I'll usually go around the board, loosening each a quarter turn
and then tightening up again.

73, Zack W9SZ

On Wed, Oct 13, 2010 at 1:26 PM, w8nf <w8nf@...> wrote:

>
>
> What problems might I cause by fixing a "pin 1 problem?".
>
> As you probably know, a shield isn't a shield unless the shield ties to the
> chassis of the device in a very short path. Any common-mode RF picked up on
> a cable entering a box that's not tied to chassis at the point of entry,
> then becomes re-radiated inside the box.
>
> The "pin1problem" is so common in pro audio that the engineers who are
> trying to get industry to stop creating the problem have created a website
> about it.
>
> http://pin1problem.com
>
> There are links in that website to specific papers from the Journal of the
> Audio Engineering Society describing the theory.
>
> I'm game to look at other solutions, certainly, but so far, my experiments
> tell me that the fundamental RFI issue in the '850 is that the shield of the
> mic input cable travels too far inside the radio before connecting to
> ground. Thus, inside the rig, it's a transmit antenna.
>
> At present, I'm "fixing" the problem by penetrating the front panel paint
> and pressing a wire there, tied to mic shield. I'd like to fix the problem
> in a prettier way ;)
>
> But, if you believe that other problems will be caused, I'd like to hear
> them.
>
> 73,
>
> Dave W8NF
>
>

> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "avvidclif" <clif@...> wrote:
> >
> > Page 179 of the service manual, far right side, shows the mic jack
> mounted on a PCB (B/4) of the SW unit. The top two wires are labeled Mic and
> M Gnd are shown to go to the IF Unit A/5 CN22 which is on the left edge of
> page 154 (IF Unit schematic).
> >
> > I would suggest not doing what you are thinking unless you want to cause
> more problems. The problem is going to be external to the radio as long as
> Pin 7 shows continuity to ground.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "w8nf" <w8nf@> wrote:
> > >
> > > I have not been able to figure this out from the service manual.
> > >
> > > The 8 pin round mic jack on the front panel uses pin 1 for mic audio
> and pin 7 for the mic audio's shield. I'm trying to determine how long that
> internal shield wire is before it finally actually is connected to the
> chassis.
> > >
> > > The block diagram suggests that the 8 pin jack is physically attached
> to the "digital" board. Presuming that's the board behind the front panel,
> it makes sense. But I cannot find the jack on the schematic for the digital
> board.
> > >
> > > Somehow, that signal from the digital board routes to the IF board -
> which has an RFI reducing capacitor on it. But that's a long way from the
> mic jack itself.
> > >
> > > Basically, I'm fighting RFI issues with this radio...RF getting into
> the microphone leads. I'm thinking I've got a massive "pin 1 problem" on my
> hands. That's where the so-called shield lead for a very low-level signal
> travels way too far inside the housing before it is connected to the
> chassis.
> > >
> > > Before I go brute force and solder a wire from pin7 to the chassis
> behind the front panel, I want to figure out how the factory intended it to
> be done.
> > >
> > > I'm making the bold assumption that anybody who services these rigs
> regularly has figured out the mic wiring inside them.
> > >
> > > Thanks!
> > >
> > > Dave W8NF
> > >

> >
>
>
>

[Non-text portions of this message have been removed]

9717. Re: [TS-850_450_690] TS-850 Output Problem.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-14 21:58:00 UTC
From: Tom Jones N8NMA
Topic: 9714 Message: 9717

This may be nothing but is the CAR control knob turned up ?

Tom N8NMA

--- On Thu, 10/14/10, Two-Way <motorola-tech@...> wrote:

From: Two-Way <motorola-tech@...>
Subject: [TS-850_450_690] TS-850 Output Problem.
To: TS-850_450_690@yahoogroups.com
Date: Thursday, October 14, 2010, 11:13 AM

Hello Everyone. I am a new member, and repair tech. I have recently been trying to solve a problem with an 850 that has me stumped. And, yes I have searched the forum high and low for this problem.

I have repaired the DDS board and all surface mount caps. The radio works fine after a complete alignment, VCO/PLL RF/IF and the works.
Out the door it goes.

2 hours later the chap says that the tuner doesn't work??

When I get it back, sure enough, there is NO RF output in AM/FM or CW BUT SSB is just fine punching 120Watts into the service monitor.

I have been through the alignment process several times. It just completely quit out of the blue BUT only on all modes except SSB???

Any ideas on this one please, and if I did miss a post outlining the problems, apologies and please direct me to it.

Thanks.

VE3NLS/VA3NLS

[Non-text portions of this message have been removed]

9718. Re: [TS-850_450_690] TS450 SAT NO CW TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-15 03:09:36 UTC
From: Dave ve3wej
Topic: 9704 Message: 9718

not sure about the 450, but I do beleive the 850 requires a stereo plug,
even though the mono wiring, tip and sleeve, leaving the center conductor
empty

----- Original Message -----
From: "BARRIE" <g4yjsbarrie@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, October 12, 2010 1:41 PM
Subject: [TS-850_450_690] TS450 SAT NO CW TX

> Dear group.....I posted a mail ref no cw side tone.I have found out that
> the side tone is not the problem.The problem is that the tcvr is txg
> carrier but on key down nothing happens.I am using a mono jack plug as
> stated in the manual..any suggestions gratefully received 73 to all Barrie
> g4yjs.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9719. Re: [TS-850_450_690] TS-850SAT - how does the mic jack wiring route to the IF board?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-15 03:13:12 UTC
From: Dave ve3wej
Topic: 9705 Message: 9719

catching up on messages, and maybe I missed something, but what is this pin 1 problem. i did not see anyone ask about what microphone is being used, is there a sound card device attached. again did I miss some answers, or part of the complaint??

I have not been able to figure this out from the service manual.

The 8 pin round mic jack on the front panel uses pin 1 for mic audio and pin 7 for the mic audio's shield. I'm trying to determine how long that internal shield wire is before it finally actually is connected to the chassis.

The block diagram suggests that the 8 pin jack is physically attached to the "digital" board.

Basically, I'm fighting RFI issues with this radio...RF getting into the microphone leads. I'm thinking I've got a massive "pin 1 problem" on my hands. That's where the so-called shield lead for a very low-level signal travels way too far inside the housing before it is connected to the chassis.

Before I go brute force and solder a wire from pin7 to the chassis behind the front panel, I want to figure out how the factory intended it to be done.

[Non-text portions of this message have been removed]

9720. Re: [TS-850_450_690] Re: New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-15 03:16:40 UTC
From: Dave ve3wej
Topic: 782 Message: 9720

also available at http://kb2ljj.serveftp.com/43-Kenwoods/ a lot smaller
in pdf size, but may also be poorer quality

----- Original Message -----
From: "avvidclif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, October 12, 2010 6:56 PM
Subject: [TS-850_450_690] Re: New Member

The owners manual is available on Kenwood USA's website.

http://www.kenwoodusa.com/Support/Amateur_Radio/

It almost 70MB.

Clif

--- In TS-850_450_690@yahoogroups.com, Jojo Vicencio DU1VHY <jojo@...>
wrote:
>
> Good day to everyone. I am Jojo Vicencio, DU1VHY. Just got my hands on a
> TS-450S yesterday. It is on the table warming up as I do not know how long
> it has been resting. Cosmetically clean. Even the faceplate does not show
> any scratch at all.
>
> I look forward to sharing the joys, problems and other concerns that
> owners of the rig go through. For now, I am happy with it and look forward
> to using this. My only concern is that it seems the manuals for this radio
> is unavailable on the net.
>
> 73,
>
> jojo
>
> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...! Groups Links

9721. TS-850 "real" S-meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-15 10:47:20 UTC
From: iz1mkz enrico
Topic: 9721 Message: 9721

Can someone suggest what kind of analogic meter should be used
together with the TS-850? (Via the rear DIN socket I mean).
I did experiment with several sensitivities, but I got alterations in
the reading of the onboard bar meter, which I don't find correct.
Thanks !
Enrico
iz1mkz

9722. New to this group

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-16 10:31:05 UTC
From: Silva
Topic: 9722 Message: 9722

Hi all,
Tnx for my membership approval.
I am from Brazil and I have some TS-850.
For now I am trying to repair one them which had the carrier board corroded. I think I need to replace the carrier board.
Can somebody point me to a place where I can purchase a new one?

Thanks in advance and Best 73's,

Silva.
PY8ELO

9723. RE: [TS-850_450_690] Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-16 23:21:00 UTC
From: Brobakken, Stein Roar
Topic: 9649 Message: 9723

Hi

Does anyone have a photo of this circuit IC1 + which diodes I should check ? Mine 850S are also like this after I got It back from service in Norway

I have only found a bad copy of schematics

73 LA6FJA Rag

Fra: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
På vegne av avvidclif
Sendt: 10. oktober 2010 20:04
Til: TS-850_450_690@yahoogroups.com
Emne: [TS-850_450_690] Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Leaky diodes cause low voltages on the IC and they go out a lot more often than the IC's.

Clif

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , Tom Jones N8NMA <n8nma@...> wrote:
>
> Thanks Bob....well I checked all of that and I think it is the IC 1 on the RF unit. I found the information on the N6TR page and checked the voltagesÂ on the chip and they were low on a couple of the legs. Going to order the chip and replace it.
> Â
> Thanks
> Tom N8NMA
>
> --- On Fri, 9/24/10, Bob Naylor <wotbob01@...> wrote:
>
>
> From: Bob Naylor <wotbob01@...>
> Subject: Re: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters on 850
> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Friday, September 24, 2010, 8:06 PM
>
>
> Â

>
>
>
> Tom, Make sure all your controls are set properly.Â It's easy to bump
something.Â Are you testing into a dummy load?Â Is the dummy load a
perfect match?Â RF power and CAR adjustments correct?Â tuner off?Â etc
etc etc.
> The reason I say this is just the other day I go turn on the 850, tune
around and find someone calling CQ that I was going to answer.Â Well it
wouldn't transmit!Â Oh &%#$ what happened???Â Well to make a long story
short, I looked over at my adjustable power supply and it was at 9.5 volts!Â
I had turned it down to 9+ volts a few days before to check out a small
battery table radio and forgot to put it back!Â It was a sigh of relief
tho!Â Funny now but at first it wasn't so funny!Â Hope it's something
simple.Â 73, BobÂ WE6C
> PSÂ An 850 will receive fine on 9.5 volts!
>
> --- On Thu, 9/23/10, n8nma <n8nma@...> wrote:
>
> From: n8nma <n8nma@...>
> Subject: [TS-850_450_690] Low transmit power on 20,15,17,12, and 10 meters
on 850
> To: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> Date: Thursday, September 23, 2010, 8:49 PM
>
> Â
>
> Well my trusty TS850 has developed another problem. The output power on
160,80,40 and 30 meters is fine. But on 20,15,17,12,and 10 meters the output
is about half or no power at all. Did a reset with no result. Checked the
carrier board and nothing looks bad at this point. Anyone ever have this
problem. Tried to do a search in the messages but it does not seem to be
working. Any help would be great.
>
> Thanks
>
> Tom N8NMA
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9724. Re: New to this group

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-17 15:39:31 UTC
From: ny1t
Topic: 9722 Message: 9724

Try JR Parts. I put a link to it in the links section of the board. I ordered a part from them without problems.

http://jr.partsearch.com/Model/Kenwood/Kenwood/TS850.aspx?p=1&z=100&c=98b11d261e55e59e3b9ade5d5f34949d&bs=Category&bd=Asc&ms=Category&md=Asc&k=&on=

9725. RE: [TS-850_450_690] TS-850 Output Problem.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-17 19:50:15 UTC
From: BillyBob Wilson
Topic: 9714 Message: 9725

Yes it is. Unless it's broken???

I should check the CAR control circuit. Thanks

VE3NLS

To: TS-850_450_690@yahoogroups.com
From: n8nma@yahoo.com
Date: Thu, 14 Oct 2010 14:58:00 -0700
Subject: Re: [TS-850_450_690] TS-850 Output Problem.

This may be nothing but is the CAR control knob turned up ?

Tom N8NMA

--- On Thu, 10/14/10, Two-Way <motorola-tech@hotmail.com> wrote:

From: Two-Way <motorola-tech@...>
Subject: [TS-850_450_690] TS-850 Output Problem.
To: TS-850_450_690@yahoogroups.com
Date: Thursday, October 14, 2010, 11:13 AM

Hello Everyone. I am a new member, and repair tech. I have recently been trying to solve a problem with an 850 that has me stumped. And, yes I have searched the forum high and low for this problem.

I have repaired the DDS board and all surface mount caps. The radio works fine after a complete alignment, VCO/PLL RF/IF and the works.
Out the door it goes.

2 hours later the chap says that the tuner doesn't work??

When I get it back, sure enough, there is NO RF output in AM/FM or CW BUT SSB is just fine punching 120Watts into the service monitor.

I have been through the alignment process several times. It just completely quit out of the blue BUT only on all modes except SSB???

Any ideas on this one please, and if I did miss a post outlining the problems, apologies and please direct me to it.

Thanks.

VE3NLS/VA3NLS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9726. Re: Low transmit power on 20,15,17,12, and 10 meters on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-18 14:38:40 UTC
From: avvidclif
Topic: 9649 Message: 9726

When having problems with tx power or low receive check the RX BPF diodes. On IC1 with the radio on 20m Pin 4 should be low. Pins 1-3, 5-7, and 9-11 should be over 11v. If not the following give the relationships:
Pin # Diodes
1 9-21
2 5-17
3 4-16
4 12-24
5 6-18
6 15-27
7 14-26
9 10-22
10 7-19
11 13-25

Q6 controls D8 D20
Q7 controls D11 D23

The first diode listed is on the input (antenna) side and the most likely to fail. The most common failure is D4 or D5 which go to Pin 3 and Pin 2. If either of these pins is low remove that diode and check the voltage again, if still low remove the other diode of the pair IE; D4 D16 or D5 D17. If still low then the IC is suspect.

Clif

9727. Re: TS-850 Output Problem.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-18 18:09:35 UTC
From: Two-Way
Topic: 9714 Message: 9727

Well.. I'll be a Monkey's Uncle!!!!

One of the wires from the POT was broken. Unbelievable!!!

OK... Guess I better thank you N8NMA. You got me in the right direction. Works just fine again.... Why didn't I think of that? I was looking for such a complicated answer... LOL!!!!

VE3NLS

--- In TS-850_450_690@yahoogroups.com, BillyBob Wilson <motorola-tech@...> wrote:
>
>
>
> Yes it is. Unless it's broken???
>
> I should check the CAR control circuit. Thanks
>
> VE3NLS
>
>
> To: TS-850_450_690@yahoogroups.com
> From: n8nma@...
> Date: Thu, 14 Oct 2010 14:58:00 -0700
> Subject: Re: [TS-850_450_690] TS-850 Output Problem.
>
>
>
>
>
>
>
> This may be nothing but is the CAR control knob turned up ?
>
> Tom N8NMA
>
> --- On Thu, 10/14/10, Two-Way <motorola-tech@...> wrote:
>
> From: Two-Way <motorola-tech@...>
> Subject: [TS-850_450_690] TS-850 Output Problem.
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, October 14, 2010, 11:13 AM
>
>
>
> Hello Everyone. I am a new member, and repair tech. I have recently been trying to solve a problem with an 850 that has me stumped. And, yes I have searched the forum high and low

for this problem.
>
> I have repaired the DDS board and all surface mount caps. The radio works fine after a complete alignment, VCO/PLL RF/IF and the works.
> Out the door it goes.
>
> 2 hours later the chap says that the tuner doesn't work??
>
> When I get it back, sure enough, there is NO RF output in AM/FM or CW BUT SSB is just fine punching 120Watts into the service monitor.
>
> I have been through the alignment process several times. It just completely quit out of the blue BUT only on all modes except SSB???
>
> Any ideas on this one please, and if I did miss a post outlining the problems, apologies and please direct me to it.
>
> Thanks.
>
> VE3NLS/VA3NLS
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9728. Re: [TS-850_450_690] Re: TS-850 Output Problem.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-18 21:55:03 UTC
From: Tom Jones N8NMA
Topic: 9714 Message: 9728

Well this group has helped me many times with the "simple" things.
Glad to help.

Tom N8NMA

--- On Mon, 10/18/10, Two-Way <motorola-tech@hotmail.com> wrote:

From: Two-Way <motorola-tech@...>
Subject: [TS-850_450_690] Re: TS-850 Output Problem.
To: TS-850_450_690@yahoogroups.com
Date: Monday, October 18, 2010, 2:09 PM

Well.. I'll be a Monkey's Uncle!!!!

One of the wires from the POT was broken. Unbelievable!!!

OK... Guess I better thank you N8NMA. You got me in the right direction. Works just fine again.... Why didn't I think of that? I was looking for such a complicated answer... LOL!!!!

VE3NLS

--- In TS-850_450_690@yahoogroups.com, BillyBob Wilson <motorola-tech@...> wrote:
>
>
>
> Yes it is. Unless it's broken???
>
> I should check the CAR control circuit. Thanks
>
> VE3NLS
>
>
> To: TS-850_450_690@yahoogroups.com
> From: n8nma@...
> Date: Thu, 14 Oct 2010 14:58:00 -0700
> Subject: Re: [TS-850_450_690] TS-850 Output Problem.
>
>
>
>
>
>
>
> This may be nothing but is the CAR control knob turned up ?
>
> Tom N8NMA
>

> --- On Thu, 10/14/10, Two-Way <motorola-tech@...> wrote:
>
> From: Two-Way <motorola-tech@...>
> Subject: [TS-850_450_690] TS-850 Output Problem.
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, October 14, 2010, 11:13 AM
>
>
>
> Hello Everyone. I am a new member, and repair tech. I have recently been trying to solve a problem with an 850 that has me stumped. And, yes I have searched the forum high and low for this problem.
>
> I have repaired the DDS board and all surface mount caps. The radio works fine after a complete alignment, VCO/PLL RF/IF and the works.
> Out the door it goes.
>
> 2 hours later the chap says that the tuner doesn't work??
>
> When I get it back, sure enough, there is NO RF output in AM/FM or CW BUT SSB is just fine punching 120Watts into the service monitor.
>
> I have been through the alignment process several times. It just completely quit out of the blue BUT only on all modes except SSB???
>
> Any ideas on this one please, and if I did miss a post outlining the problems, apologies and please direct me to it.
>
> Thanks.
>
> VE3NLS/VA3NLS
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9729. ts 850 different output power on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-19 20:42:51 UTC
From: kd5utc
Topic: 9729 Message: 9729

does any know how to fix different outpower on all bands just recived this little baby and need to know how to fix

9730. Re: ts 850 different output power on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-20 02:26:06 UTC
From: avvidclif
Topic: 9729 Message: 9730

That has been well discussed here. Read then ask.

Clif

--- In TS-850_450_690@yahoogroups.com, "kd5utc" <kd5utc@...> wrote:
>
> does any know how to fix different outpower on all bands just recived this little baby and need to know how to fix
>

9731. Re: ts 850 different output power on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-20 12:46:17 UTC
From: kd5utc
Topic: 9729 Message: 9731

well cliff im new to this form and didnt know it was talked about so im sorry i asked .

excuss me for asking

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> That has been well discussed here. Read then ask.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "kd5utc" <kd5utc@> wrote:
> >
> > does any know how to fix different outpower on all bands just recived this little baby and need to know how to fix
> >
>

9732. Re: [TS-850_450_690] ts 850 different output power on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-20 22:34:55 UTC
From: Tom Jones N8NMA
Topic: 9729 Message: 9732

I copied and posted this from Clif may give it a try...

Tom N8NMA

When having problems with tx power or low receive check the RX BPF diodes. On IC1 with the radio on 20m Pin 4 should be low. Pins 1-3, 5-7, and 9-11 should be over 11v. If not the following give the relationships:
Pin # Diodes
1 9-21
2 5-17
3 4-16
4 12-24
5 6-18
6 15-27
7 14-26
9 10-22
10 7-19
11 13-25

Q6 controls D8 D20
Q7 controls D11 D23

The first diode listed is on the input (antenna) side and the most likely to fail. The most common failure is D4 or D5 which go to Pin 3 and Pin 2. If either of these pins is low remove that diode and check the voltage again, if still low remove the other diode of the pair IE; D4 D16 or D5 D17. If still low then the IC is suspect.

Clif

--- On Tue, 10/19/10, kd5utc <kd5utc@yahoo.com> wrote:

From: kd5utc <kd5utc@...>
Subject: [TS-850_450_690] ts 850 different output power on all bands
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, October 19, 2010, 4:42 PM

does any know how to fix different outpower on all bands just recived this little baby and need to know how to fix

[Non-text portions of this message have been removed]

9733. TS 450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-23 23:38:38 UTC
From: Gene
Topic: 8268 Message: 9733

Looking for a GOOD IF board. TS 450 SAT

Thanks Gene

9734. Re: Rough CW notes on TX and RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 08:26:50 UTC
From: Tony
Topic: 9676 Message: 9734

Jose wrote:

> Have you checked the CAR UNIT for leaking caps?....

Hi Jose,
great to hear from you, hope all is well.
I will check out the caps, thanks very much indeed. I will mail the group with any results
Vy 73 + 88 Tony + Sally

9735. Re: Rough CW notes on TX and RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 08:28:33 UTC
From: Tony
Topic: 9676 Message: 9735

Tom wrote:

Can you try it on a different power supply, or on a battery?

Hi Tom,
thanks for your reply, I have now tried another PSU and a battery but the rough note problem remains.
Vy 73 Tony

9736. 40m extension

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 18:58:31 UTC
From: Paul
Topic: 9736 Message: 9736

Hi all,
I have a TS850, and would like to extend my 40m band to operate in the new portion, beyond 7.1Mhz.

Ant web resources please ?

Paul

9737. Re: [TS-850_450_690] 40m extension

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 19:14:30 UTC
From: Alberto Rojas
Topic: 9736 Message: 9737

Try use www.mods.dk

Regards

Alberto
Sent using Blackberry Movistar

-----Original Message-----
From: "Paul" <pawlud@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Sun, 24 Oct 2010 18:58:31
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 40m extension

Hi all,
I have a TS850, and would like to extend my 40m band to operate in the new portion, beyond 7.1Mhz.

Ant web resources please ?

Paul

[Non-text portions of this message have been removed]

9738. Rough CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 17:02:59 UTC
From: villy.madsen
Topic: 9738 Message: 9738

A 6xx series TS-850sat with very few hours on it - I bought and hardly used it (a couple of hundred hours maybe) until I decided to get back on the air last spring.

The note is a T6 to T7 - noticeably rougher than the side tone - on cw, wwv any other carrier that I can find.

I have checked the CAR board - no visible signs of any problems (the black goop that they used to glue down some of the components on bottom of the board worried me for a moment...

Is it worth replacing the CAPs on spec ?? or is there another path to take first ??

Thanks

Villy ve6sq

9739. Re: [TS-850_450_690] 40m extension

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 21:07:24 UTC
From: Zack Widup
Topic: 9736 Message: 9739

It's also here:

http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=14554

See the All-band transmit section a little down the page. This was a fairly
easy mod (for me anyway) and allows me to transmit on the 60-meter band.

73, Zack W9SZ

On Sun, Oct 24, 2010 at 2:14 PM, Alberto Rojas <yv3edo@yahoo.com> wrote:

>
>
> Try use www.mods.dk
>
> Regards
>
> Alberto
> Sent using Blackberry Movistar
>
>
> -----Original Message-----
> From: "Paul" <pawlud@... <pawlud%40gmail.com>>
> Sender: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Sun, 24 Oct 2010 18:58:31
> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> Reply-To: TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] 40m extension
>
> Hi all,
> I have a TS850, and would like to extend my 40m band to operate in the new
> portion, beyond 7.1Mhz.
>
> Ant web resources please ?
>
> Paul
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9740. Re: Rough CW note

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-24 22:30:35 UTC
From: villy.madsen
Topic: 9738 Message: 9740

I have taken the liberty of uploading VE6SQ.MP3 containing a short recoding of two different 20M CW stations & a bit of WWV (with and without the audio tones).

The audio was taken from Pin3 of the ACC2 jack. I can't hear any difference between what was recorded and what I hear in my Heil Proset headphones.

Another tidbit - I live within a couple of miles of one broadcast antenna farm & within 4 or 5 miles of another. Until they switch their pattern/pwr out in the evening, I get a significant number of birdies esp on the 80 m band.

Thanks

Villy VE6SQ

--- In TS-850_450_690@...m, "villy.madsen" <Villy.Madsen@...> wrote:
>
> A 6xx series TS-850sat with very few hours on it - I bought and hardly used it (a couple of hundred hours maybe) until I decided to get back on the air last spring.

9741. Re: Rough CW note

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 02:03:08 UTC
From: villy.madsen
Topic: 9738 Message: 9741

Shortly after my previous post, I started getting unlocks - a unl in cw & dots on the display.

I guess that the next order of business would be to replace the SMD electrolytics on the CAR board... and check TC1

Villy

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> I have taken the liberty of uploading VE6SQ.MP3 containing a short recoding of two different 20M CW stations & a bit of WWV (with and without the audio tones).
>
> The audio was taken from Pin3 of the ACC2 jack. I can't hear any difference between what was recorded and what I hear in my Heil Proset headphones.
>
> Another tidbit - I live within a couple of miles of one broadcast antenna farm & within 4 or 5 miles of another. Until they switch their pattern/pwr out in the evening, I get a significant number of birdies esp on the 80 m band.
>
> Thanks
>
> Villy VE6SQ
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > A 6xx series TS-850sat with very few hours on it - I bought and hardly used it (a couple of hundred hours maybe) until I decided to get back on the air last spring.
>

9742. TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 06:41:05 UTC
From: Paul
Topic: 749 Message: 9742

Hi agail, all.
Thanks for your reply re- extension of the 40m band.
Ineed to know how to determine if my TS850 is a European or US version ?
How can I get detailed info from my serial number, like date of manufacturing etc. Thanks

9743. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 11:36:46 UTC
From: Steve
Topic: 749 Message: 9743

Try transmitting into a dummy load on parts of the bands in which are allowed in the US opposed to EU?

----- Original message -----
> Hi agail, all.
> Thanks for your reply re- extension of the 40m band.
> Ineed to know how to determine if my TS850 is a European or US version ?
> How can I get detailed info from my serial number, like date of
> manufacturing etc. Thanks
>

[Non-text portions of this message have been removed]

9744. Re: Rough CW note

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 03:44:19 UTC
From: villy.madsen
Topic: 9738 Message: 9744

OK problem solved - sort of.

Adjusted the pll trimmer - got it close to 5 volts

what kind of tool does it need ???

Villy

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Shortly after my previous post, I started getting unlocks - a unl in cw & dots on the display.
>
> I guess that the next order of business would be to replace the SMD electrolytics on the CAR board... and check TC1
>
> Villy
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > I have taken the liberty of uploading VE6SQ.MP3 containing a short recoding of two different 20M CW stations & a bit of WWV (with and without the audio tones).
> >
> > The audio was taken from Pin3 of the ACC2 jack. I can't hear any difference between what was recorded and what I hear in my Heil Proset headphones.
> >
> > Another tidbit - I live within a couple of miles of one broadcast antenna farm & within 4 or 5 miles of another. Until they switch their pattern/pwr out in the evening, I get a significant number of birdies esp on the 80 m band.
> >
> > Thanks
> >
> > Villy VE6SQ
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > >
> > > A 6xx series TS-850sat with very few hours on it - I bought and hardly used it (a couple of hundred hours maybe) until I decided to get back on the air last spring.
> > >
>

9745. Re: [TS-850_450_690] Rough CW

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 19:18:07 UTC
From: Dave ve3wej
Topic: 9738 Message: 9745

have you checked your filters, or the slope tune knobs???

----- Original Message -----
From: "villy.madsen" <Villy.Madsen@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, October 24, 2010 1:02 PM
Subject: [TS-850_450_690] Rough CW

>A 6xx series TS-850sat with very few hours on it - I bought and hardly
>used it (a couple of hundred hours maybe) until I decided to get back on
>the air last spring.
>
>
> The note is a T6 to T7 - noticeably rougher than the side tone - on cw,
> wwv any other carrier that I can find.
>
> I have checked the CAR board - no visible signs of any problems (the black
> goop that they used to glue down some of the components on bottom of the
> board worried me for a moment...
>
> Is it worth replacing the CAPs on spec ?? or is there another path to
> take first ??
>
> Thanks
>
> Villy ve6sq
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9746. Re: [TS-850_450_690] 40m extension

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 21:23:47 UTC
From: Bob Naylor
Topic: 9736 Message: 9746

Zach, Why would he not be able to tX above 7.1? Bob WE6C

--- On Sun, 10/24/10, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] 40m extension
To: TS-850_450_690@yahoogroups.com
Date: Sunday, October 24, 2010, 2:07 PM

It's also here:

http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=14554

See the All-band transmit section a little down the page. This was a fairly
easy mod (for me anyway) and allows me to transmit on the 60-meter band.

73, Zack W9SZ

On Sun, Oct 24, 2010 at 2:14 PM, Alberto Rojas <yv3edo@...> wrote:

>
>
> Try use www.mods.dk
>
> Regards
>
> Alberto
> Sent using Blackberry Movistar
>
>
> -----Original Message-----
> From: "Paul" <pawlud@... <pawlud%40gmail.com>>
> Sender: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Sun, 24 Oct 2010 18:58:31
> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> Reply-To: TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] 40m extension
>
> Hi all,
> I have a TS850, and would like to extend my 40m band to operate in the new
> portion, beyond 7.1Mhz.
>
> Ant web resources please ?
>
> Paul
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

[Non-text portions of this message have been removed]

9747. Re: [TS-850_450_690] 40m extension

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 22:05:53 UTC
From: Zack Widup
Topic: 9736 Message: 9747

I don't know if he has an EU model or not, but in the off chance he wants to work 60 meters too, he'll have to do that mod to do so.

I also use mine with an oddball UHF transverter that uses a 22 MHz IF.

73, Zack W9SZ

On Mon, Oct 25, 2010 at 4:23 PM, Bob Naylor <wotbob01@...> wrote:

>
>
> Zach, Why would he not be able to tX above 7.1? Bob WE6C
>
> --- On Sun, 10/24/10, Zack Widup <w9sz.zack@...<w9sz.zack%40gmail.com>>
> wrote:
>
> From: Zack Widup <w9sz.zack@... <w9sz.zack%40gmail.com>>
> Subject: Re: [TS-850_450_690] 40m extension
>
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Sunday, October 24, 2010, 2:07 PM
>
>
> It's also here:
>
> http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=14554
>
> See the All-band transmit section a little down the page. This was a fairly
> easy mod (for me anyway) and allows me to transmit on the 60-meter band.
>
> 73, Zack W9SZ
>
> On Sun, Oct 24, 2010 at 2:14 PM, Alberto Rojas <yv3edo@...<yv3edo%40yahoo.com>>
> wrote:
>
> >
> >
> > Try use www.mods.dk
> >
> > Regards
> >
> > Alberto
> > Sent using Blackberry Movistar
> >
> >
> >
> > -----Original Message-----

> > From: "Paul" <pawlud@gmail.com <pawlud%40gmail.com> <pawlud%40gmail.com
> >>
> > Sender:
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>
> > Date: Sun, 24 Oct 2010 18:58:31
> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>>
> > Reply-To: TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> <TS-850_450_690%40yahoogroups.com>
> > Subject: [TS-850_450_690] 40m extension
> >
> > Hi all,
> > I have a TS850, and would like to extend my 40m band to operate in the
> new
> > portion, beyond 7.1Mhz.
> >
> > Ant web resources please ?
> >
> > Paul
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9748. Re: 40m extension

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-25 22:39:25 UTC
From: avvidclif
Topic: 9736 Message: 9748

Because he's in Europe and the 40m band ended at 7.1 until recently.

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Zach, Why would he not be able to tX above 7.1? Bob WE6C
>
> --- On Sun, 10/24/10, Zack Widup <w9sz.zack@...> wrote:
>
> From: Zack Widup <w9sz.zack@...>
> Subject: Re: [TS-850_450_690] 40m extension
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, October 24, 2010, 2:07 PM
>
> It's also here:
>
> http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=14554
>
> See the All-band transmit section a little down the page. This was a fairly
> easy mod (for me anyway) and allows me to transmit on the 60-meter band.
>
> 73, Zack W9SZ
>
>
> On Sun, Oct 24, 2010 at 2:14 PM, Alberto Rojas <yv3edo@...> wrote:
>
> > >
> > >
> > > Try use www.mods.dk
> > >
> > > Regards
> > >
> > > Alberto
> > > Sent using Blackberry Movistar
> > >
> > >
> > > -----Original Message-----
> > > From: "Paul" <pawlud@... <pawlud%40gmail.com>>
> > > Sender: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > > Date: Sun, 24 Oct 2010 18:58:31
> > > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > > Reply-To: TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> > > Subject: [TS-850_450_690] 40m extension
> > >

> > Hi all,
> > I have a TS850, and would like to extend my 40m band to operate in the new
> > portion, beyond 7.1Mhz.
> >
> > Ant web resources please ?
> >
> > Paul
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9749. Re: Using a better mic: how to get the audio into the 850S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-26 01:59:35 UTC
From: Ron
Topic: 9167 Message: 9749

I have a similar situation I think.
I have a Microsoft Headset w/Mic that works well for Windoze, but I would like to Clip the cable and use it on a TS-450 radio. Are there any special considerations I need to make in order for that to happen?

Ron
WQ6X

9751. Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-26 20:23:56 UTC
From: Ron
Topic: 9751 Message: 9751

I have an excellent Microsoft Headset w/Mic that I think would be good for contest use. It has a USB cable on it which I am thinking of cutting off to access the wires and run them to to a "splitter plug" designed for Kenwood radios to plug into the mic/headphone jacks on the front of the radio.

Do I need to add any components on the mic end to match it to the radio and/or bypass any potential RFI? I recall trying something similar with a TS-50 and found there was not much audio-volume into the radio.

Curiously,
Ron
WQ6X

9752. Re: [TS-850_450_690] Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-26 21:56:43 UTC
From: Dave ve3wej
Topic: 9751 Message: 9752

If I understand, usb headset are (digital??) not 600 ohm or 1000 ohm inputs... they convert the digital signal to the sound card. I am not sure it would work. BUT if you are successful, let me know, I would like to try different mikes as well

another way is to just talk to your computer, with the speaker monitor ON, feeding via sound card interface, into the radio mike jack, with VOX on ...

----- Original Message -----
From: "Ron" <ts450_group@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, October 26, 2010 4:23 PM
Subject: [TS-850_450_690] Using a Windoze PC Headset/Microphone

>I have an excellent Microsoft Headset w/Mic that I think would be good for
>contest use. It has a USB cable on it which I am thinking of cutting off
>to access the wires and run them to to a "splitter plug" designed for
>Kenwood radios to plug into the mic/headphone jacks on the front of the
>radio.
>
> Do I need to add any components on the mic end to match it to the radio
> and/or bypass any potential RFI? I recall trying something similar with a
> TS-50 and found there was not much audio-volume into the radio.
>
> Curiously,
> Ron
> WQ6X
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9754. Re: Need CAR UNIT parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 02:00:53 UTC
From: Harvey
Topic: 8915 Message: 9754

John,
Do you still have any DDS chips? I am interested if you do.
Harvey Bauss, KB8MUP

--- In TS-850_450_690@yahoogroups.com, "John" <mm3cbo@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" <eb5agv@> wrote:
> >
> > Hello!
> >
> > Well, I have fixed about a dozen TS-850S and none had any damaged DDS
> > chip... until the one which has arrived today from a local radioclub.
> > It had lots of leaky caps in the CAR UNIT, as usual, but the
> > condition seemed to be quite right, with almost no decoloration on
> > the PCB. So I have removed caps, cleaned residue and put new caps, as
> > I use to do in these cases. But no joy. A couple of DDS chips (which
> > in fact are the newer 66312 units) are dead, measuring about 5 Ohm
> > from power input to GND.
> >
>
> > So I wonder if someone has any spare around (DDS chips, complete unit, ...)
> >
> > I would even buy a damaged CAR UNIT with one or more good DDSs, to
> > salvage them.
> >
> > Thanks and best regards,
> >
> > JOSE
> > --
> > 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> > Vintage Radio and Test Equipment.......... http://jvgavila.com
> > RadioRepair BLOG.............. http://radiorepair.blogspot.com
> >
>
> Hi Jose,I have a CAR BOARD with no DDS chips on it but its in reasonable condition, all the caps have been removed also and it shows signs that the caps have been leaking before removal, i also have 2 YM66312 chips that are in working order because i bought them from EAST COAST TRANSISTOR just before they went obselete, i did have 4 but sold 2 to a local ham for his TS450 and then realised i had made a big mistake when i tried to replace them, i did have these chips mounted on the CAR BOARD that i have because i was planning to salvage the board but i took them off after i sold the other 2, these 2 chips have never had power through them so are still in new condition but with no boxes, i also have an old chip (6631) that i believe is still in working order, if any of these items are of use to

you then contact me and i will send you pictures of what ive got, iam sure i still have the receipts for the 66312s that i can show you.
>
> John
>

9755. Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 02:49:12 UTC
From: Ron
Topic: 9751 Message: 9755

I have an excellent Microsoft Headset w/Mic that I think would be good for contest use. It has a USB cable on it which I am thinking of cutting off to access the wires and run them to to a "splitter plug" designed for Kenwood radios to plug into the mic/headphone jacks on the front of the radio.

Do I need to add any components on the mic end to match it to the radio and/or bypass any potential RFI? I recall trying something similar with a TS-50 and found there was not much audio-volume into the radio.

Curiously,
Ron
WQ6X

9756. TS 450 Bright display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 07:01:25 UTC
From: Alex
Topic: 9756 Message: 9756

Hi
Does anyone have this problem? bright display of the TS 450, i cant read the display directly infront of the radio, i need to find a side way angle from the radio to see the dispaly. I did check the voltage on the flourecent bulb power supply, if iam not mistaken its 8volts dc.Can someone advice or help what to check in this problem.

Thank you,
Alex
DV1TBX

9757. TC1 & The PLL in a ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 11:46:41 UTC
From: villy.madsen
Topic: 9757 Message: 9757

I am having lock problems....

I tweak TC1 and it works for a while - and then I have to re-tweak.

I haven't been able to find a schematic for the pll osc.
can someone tell me what the value of the trimmer is & a source of piston trim caps ??

Also is the proper trim tool for TC1 a standard hex toll as we used to use for IF transformers ??

I am having a problem trying to get something that works reliably ..

Thanks

Villy ve6sq

9758. Re: Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 11:42:42 UTC
From: villy.madsen
Topic: 9751 Message: 9758

If it has a usb cable - then there is a built in sound card - it may not be as simple as you at first thought ??

Villy

--- In TS-850_450_690@yahoogroups.com, "Ron" <ts450_group@...> wrote:
>
> I have an excellent Microsoft Headset w/Mic that I think would be good for contest use. It has a USB cable on it which I am thinking of cutting off to access the wires and run them to to a "splitter plug" designed for Kenwood radios to plug into the mic/headphone jacks on the front of the radio.
>
> Do I need to add any components on the mic end to match it to the radio and/or bypass any potential RFI? I recall trying something similar with a TS-50 and found there was not much audio-volume into the radio.
>
> Curiously,
> Ron
> WQ6X
>

9759. Re: [TS-850_450_690] Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 03:57:08 UTC
From: David Rust
Topic: 9751 Message: 9759

Ron, only thing I might add to that cutting the connector off and putting on a new connector...sometimes those little wires are more like a thread then they are a wire. VERY difficult to solder back. You might try to see what the wires are before you cut them off. Dave

[Non-text portions of this message have been removed]

9760. FS: Kenwood CW filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 13:58:55 UTC
From: John Geiger
Topic: 5218 Message: 9760

I have for sale the following Kenwood CW filters:
1. YK-88C-1 500hz CW filter for the 8.83mhz IF. It works in the Kenwood TS450/570/690/850/930/940/950 series of radios. Asking $75 shipped.
2. YG-455C-1 500 CW filter for the 455khz IF. It works in the Kenwood 140/450/680/690/850/930/940/950 series of radios. Won't work in the 570. Asking $85 shipped.
Take both filters for $150 shipped. I can take paypal/check/MO.
73s John AA5JG

[Non-text portions of this message have been removed]

9761. FS: DIN plug sets

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 15:39:20 UTC
From: John Geiger
Topic: 9761 Message: 9761

I have a couple of DIN plug sets that came with a Kenwood TS950 I recently purchased. Both are unopened in the plastic bag. These are the common DIN plugs that will work with most radios.

Bag one has a 7 pin DIN, 8 pin DIN, 13 pin DIN, and 2 automotive type fuses. Asking $15 shipped for this bag.
Bag two has a 7 pin DIN and a 13 pin DIN. Asking $10 shipped.
I know the 13 pin will also work on some Icom transceivers like the 718 and 706 series. The 7 and 8 pin DINs are also used on the Icom 746 along with many other models.
I can take paypal/check/MO.

73s John AA5JG

[Non-text portions of this message have been removed]

9762. Re: [TS-850_450_690] Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 17:09:25 UTC
From: Tom Osborne
Topic: 9751 Message: 9762

Hi Dave

Ain't that the truth! I bought some cheap mic's at the Goodwill store here, just to cut the cords off for other uses.

When I cut the cord off, you could't even see which wire was which. It just looked like a bunch of stranded wires. I guess the coating on the outside of each wire is the insulation. 73
Tom W7WHY

Ron, only thing I might add to that cutting the connector off and putting on a new connector...sometimes those little wires are more like a thread then they are a wire. VERY difficult to solder back. You might try to see what the wires are before you cut them off.
Dave

9763. Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 18:33:03 UTC
From: kb3ccn
Topic: 9654 Message: 9763

Ok , The radio has behaved for the past few weeks until last night. It started to go nuts again. I kept it on until I was able to trip off the covers and front panel. When I unplugged the connector for the Optical Encoder , It stopped. I pulled the encoder apart, cleaned it up as best as I could , the out of control tuning has stopped, but the dial is flaky .

When I dial around , the frequency will jitter , then jump backwards a few kc then jump ahead.

I suspect it is the optical encoder .

Anyone know who would still sell these ? Searching for the COPAL part number stamped on it gives me no results.

Digikey , Mouser, Ebay are all a bust.

(possible 850 bone yard ?????)

The closest item I was able to come up with , was a combo unit (encoder with some sort of pot and bracket) for some other application. The numbers are the same with the exception of the last letter in the part number.

If I had to , I would buy this other unit if in stock , splice the harness but worried the shaft wouldnt be the correct length.

Any suggestions ?

9764. Re: [TS-850_450_690] Using a Windoze PC Headset/Microphone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 19:14:58 UTC
From: Bob Naylor
Topic: 9751 Message: 9764

Ron, Just an idea, get a USB extension cable and cut that to adapt the your rig. that way you don't modify the mic assembly. Just a thought. Bob WE6C

--- On Tue, 10/26/10, Ron <ts450_group@...> wrote:

From: Ron <ts450_group@...>
Subject: [TS-850_450_690] Using a Windoze PC Headset/Microphone
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, October 26, 2010, 1:23 PM

I have an excellent Microsoft Headset w/Mic that I think would be good for contest use. It has a USB cable on it which I am thinking of cutting off to access the wires and run them to to a "splitter plug" designed for Kenwood radios to plug into the mic/headphone jacks on the front of the radio.

Do I need to add any components on the mic end to match it to the radio and/or bypass any potential RFI? I recall trying something similar with a TS-50 and found there was not much audio-volume into the radio.

Curiously,

Ron

WQ6X

[Non-text portions of this message have been removed]

9765. Re: [TS-850_450_690] Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 20:50:04 UTC
From: Dave ve3wej
Topic: 9654 Message: 9765

and of course you checked with www.kenwoodparts.com ????

----- Original Message -----
From: "kb3ccn" <n3qam@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 27, 2010 2:33 PM
Subject: [TS-850_450_690] Re: VFO scanning on 850

> Ok , The radio has behaved for the past few weeks until last night. It
> started to go nuts again. I kept it on until I was able to trip off the
> covers and front panel. When I unplugged the connector for the Optical
> Encoder , It stopped. I pulled the encoder apart, cleaned it up as best
> as I could , the out of control tuning has stopped, but the dial is
> flaky .
>
> When I dial around , the frequency will jitter , then jump backwards a few
> kc then jump ahead.
>
> I suspect it is the optical encoder .
>
> Anyone know who would still sell these ? Searching for the COPAL part
> number stamped on it gives me no results.
>
> Digikey , Mouser, Ebay are all a bust.
>
> (possible 850 bone yard ?????)
>
> The closest item I was able to come up with , was a combo unit (encoder
> with some sort of pot and bracket) for some other application. The
> numbers are the same with the exception of the last letter in the part
> number.
>
> If I had to , I would buy this other unit if in stock , splice the harness
> but worried the shaft wouldnt be the correct length.
>
> Any suggestions ?
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

>
>

9766. Re: [TS-850_450_690] Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 20:58:44 UTC
From: n3qam@comcast.net
Topic: 9654 Message: 9766

I did with using the number stamped on the encoder. BUT after digging through the service manual , And typing in THAT part number of W02-0855-05 , they say to use this new number w02-1836-15 and is in stock for about 70 bucks

----- Original Message -----
From: "Dave ve3wej" <ve3wej@...>
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 27, 2010 4:50:04 PM
Subject: Re: [TS-850_450_690] Re: VFO scanning on 850

and of course you checked with www.kenwoodparts.com ????

----- Original Message -----
From: "kb3ccn" < n3qam@... >
To: < TS-850_450_690@yahoogroups.com >
Sent: Wednesday, October 27, 2010 2:33 PM
Subject: [TS-850_450_690] Re: VFO scanning on 850

> Ok , The radio has behaved for the past few weeks until last night. It
> started to go nuts again. I kept it on until I was able to trip off the
> covers and front panel. When I unplugged the connector for the Optical
> Encoder , It stopped. I pulled the encoder apart, cleaned it up as best
> as I could , the out of control tuning has stopped, but the dial is
> flaky .
>
> When I dial around , the frequency will jitter , then jump backwards a few
> kc then jump ahead.
>
> I suspect it is the optical encoder .
>
> Anyone know who would still sell these ? Searching for the COPAL part
> number stamped on it gives me no results.
>
> Digikey , Mouser, Ebay are all a bust.
>
> (possible 850 bone yard ?????)
>
> The closest item I was able to come up with , was a combo unit (encoder
> with some sort of pot and bracket) for some other application. The
> numbers are the same with the exception of the last letter in the part
> number.
>
> If I had to , I would buy this other unit if in stock , splice the harness
> but worried the shaft wouldnt be the correct length.
>
> Any suggestions ?

>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo ! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9767. Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 21:02:29 UTC
From: kb3ccn
Topic: 9654 Message: 9767

This is what I was able to come up with

http://www.pacparts.com/part.cfm?CFID=3691534&CFTOKEN=22543883

http://www.partstore.com/Part/Kenwood/Kenwood/W02183615/New.aspx

Both state to use a " new part number" but both are different numbers and also different prices..... Both say that same encoder is used in the 450 , 690 and 850 ...

The question comes as to what one is the REAL correct one. If either ?

9768. Re: [TS-850_450_690] Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 21:05:10 UTC
From: Dave ve3wej
Topic: 9654 Message: 9768

I guess you better be sure it is actually at fault, for that price....

----- Original Message -----
From: <n3qam@...>
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 27, 2010 4:58 PM
Subject: Re: [TS-850_450_690] Re: VFO scanning on 850

>I did with using the number stamped on the encoder. BUT after digging
>through the service manual , And typing in THAT part number of W02-0855-05
>, they say to use this new number w02-1836-15 and is in stock for about 70
>bucks
>
>
> ----- Original Message -----
> From: "Dave ve3wej" <ve3wej@...>
> To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, October 27, 2010 4:50:04 PM
> Subject: Re: [TS-850_450_690] Re: VFO scanning on 850
>
>
>
>
>
>
> and of course you checked with www.kenwoodparts.com ????
>
> ----- Original Message -----
> From: "kb3ccn" < n3qam@... >
> To: < TS-850_450_690@yahoogroups.com >
> Sent: Wednesday, October 27, 2010 2:33 PM
> Subject: [TS-850_450_690] Re: VFO scanning on 850
>
>> Ok , The radio has behaved for the past few weeks until last night. It
>> started to go nuts again. I kept it on until I was able to trip off the
>> covers and front panel. When I unplugged the connector for the Optical
>> Encoder , It stopped. I pulled the encoder apart, cleaned it up as best
>> as I could , the out of control tuning has stopped, but the dial is
>> flaky .
>>
>> When I dial around , the frequency will jitter , then jump backwards a
>> few
>> kc then jump ahead.
>>
>> I suspect it is the optical encoder .

>>
>> Anyone know who would still sell these ? Searching for the COPAL part
>> number stamped on it gives me no results.
>>
>> Digikey , Mouser, Ebay are all a bust.
>>
>> (possible 850 bone yard ?????)
>>
>> The closest item I was able to come up with , was a combo unit (encoder
>> with some sort of pot and bracket) for some other application. The
>> numbers are the same with the exception of the last letter in the part
>> number.
>>
>> If I had to , I would buy this other unit if in stock , splice the
>> harness
>> but worried the shaft wouldnt be the correct length.
>>
>> Any suggestions ?
>>
>>
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@... ! Groups Links
>>
>>
>>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9769. Re: [TS-850_450_690] Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-27 21:39:15 UTC
From: N3QAM
Topic: 9654 Message: 9769

Without sending it out , and risking the minute that I do , it behaves fine on their bench..... Yhere really is not much more I can personally do.

Unplugging the encoder while it happened was the advise of Cliff.

The coin toss has basically landed on this option IMHO.

(unless I can drum up a know working used one)

Now with the kenwood parts, they do have a 30 day return I believe I seen on their page. I guess if it really doesn't work , I could send it back (providing it comes harnessed with correct connector).

Id hate to just give up on the rig , being I just bought it a few months ago. But with the decent price I paid for it , I think a few bucks to put into it , is still worth it at this point.

----- Original Message -----
From: Dave ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 27, 2010 5:05 PM
Subject: Re: [TS-850_450_690] Re: VFO scanning on 850

I guess you better be sure it is actually at fault, for that price....

----- Original Message -----
From: <n3qam@comcast.net>
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 27, 2010 4:58 PM
Subject: Re: [TS-850_450_690] Re: VFO scanning on 850

>I did with using the number stamped on the encoder. BUT after digging
>through the service manual , And typing in THAT part number of W02-0855-05
>, they say to use this new number w02-1836-15 and is in stock for about 70
>bucks
>
>
> ----- Original Message -----
> From: "Dave ve3wej" <ve3wej@...>
> To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, October 27, 2010 4:50:04 PM
> Subject: Re: [TS-850_450_690] Re: VFO scanning on 850
>
>
>
>
>

>
> and of course you checked with www.kenwoodparts.com ????
>
> ----- Original Message -----
> From: "kb3ccn" < n3qam@... >
> To: < TS-850_450_690@yahoogroups.com >
> Sent: Wednesday, October 27, 2010 2:33 PM
> Subject: [TS-850_450_690] Re: VFO scanning on 850
>
>> Ok , The radio has behaved for the past few weeks until last night. It
>> started to go nuts again. I kept it on until I was able to trip off the
>> covers and front panel. When I unplugged the connector for the Optical
>> Encoder , It stopped. I pulled the encoder apart, cleaned it up as best
>> as I could , the out of control tuning has stopped, but the dial is
>> flaky .
>>
>> When I dial around , the frequency will jitter , then jump backwards a
>> few
>> kc then jump ahead.
>>
>> I suspect it is the optical encoder .
>>
>> Anyone know who would still sell these ? Searching for the COPAL part
>> number stamped on it gives me no results.
>>
>> Digikey , Mouser, Ebay are all a bust.
>>
>> (possible 850 bone yard ?????)
>>
>> The closest item I was able to come up with , was a combo unit (encoder
>> with some sort of pot and bracket) for some other application. The
>> numbers are the same with the exception of the last letter in the part
>> number.
>>
>> If I had to , I would buy this other unit if in stock , splice the
>> harness
>> but worried the shaft wouldnt be the correct length.
>>
>> Any suggestions ?
>>
>>
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@... ! Groups Links
>>
>>
>>

>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

9770. Capacitors TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-28 14:55:52 UTC
From: cintrans
Topic: 9770 Message: 9770

Maby a dumb question...
When i touch capasitors C116, C118 or C117 on the IF board, the S-meter shoots way up and the agc voltage goes down, is that normal or does it mean the caps are running on their last leg???

73's de P43A, Jean-Pierre

9771. TS950 SSB offset problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-28 18:20:13 UTC
From: John Geiger
Topic: 9771 Message: 9771

I just picked up a used Kenwood TS950S (what a great sounding rig), that has an issue on SSB. I am asking on this reflector because I think its circuitry is similar to the TS850, and I know this is a great list to get answers on!

It appears that the transmit and receive frequency are off by 260 to 270hz. I have been living with it by just turning on the RIT when on SSB, which I don't use that much anyways on HF. When using USB you set the RIT to -0.26 and on LSB set the RIT to +0.26 and it seems to equalize the transmit/receive frequencies. This is something that I would like to fix, though. Any else have this problem before? Where should I start troubleshooting to fix it?

73s John AA5JG

[Non-text portions of this message have been removed]

9772. Update on SSB offset problem in TS950

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-29 00:48:05 UTC
From: John Geiger
Topic: 9772 Message: 9772

I sent an email earlier today about an offset problem I was having on SSB with a used Kenwood TS950. Good news-I fixed the problem without taking off the covers. While looking in the manual for something else, I stumbled across the power on functions on p. 24 of the manual. It says that if you hold down the USB button while turning on the radio, it "enables the FSK and SSB signal pitch to be changed by the CW pitch control. This will make the receive frequency differ from the transmit frequency, so correction using RIT is required."

Well that sounded exactly like my problem. So I turned off the rig, held down the USB button while turning on the rig, and give it a try. I turned off the RIT and answered a XE2 station calling CQ. A nice 15 minute ragchew followed, and the 950 works fine on SSB now.

Not sure why anyone would want a function like that, but guess it is a case of reading the manual before operating

73s John AA5JG

[Non-text portions of this message have been removed]

9773. TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-29 02:43:27 UTC
From: Jordan
Topic: 9773 Message: 9773

Hi....has anyone had an issue with drift when using the 790A with the 1296 option...?

I'm thinking it might be the 3ppm 10.240Mhz base osc., which is later multiplied, but I could be wrong.

Would a 50-60C crystal heater help...?

Other than this, this is THE VHF/UHF multi-mode.!!!

73...Jordan...VE6ZT

[Non-text portions of this message have been removed]

9774. Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-30 02:22:44 UTC
From: avvidclif
Topic: 9773 Message: 9774

The question is; how much drift and over what period of time?

A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While I've never measured it I would not be surprised at 3-500 hz drift in the first 30 min and less than 50 after that, at 1.2G. Any drift should be a slow movement, not a rapid change.

Adding a heater may help but it's my understanding the xtal has to be designed for it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi....has anyone had an issue with drift when using the 790A with the 1296 option...?
>
> I'm thinking it might be the 3ppm 10.240Mhz base osc., which is later multiplied, but I could be wrong.
>
> Would a 50-60C crystal heater help...?
>
> Other than this, this is THE VHF/UHF multi-mode.!!!
>
> 73...Jordan...VE6ZT
>
> [Non-text portions of this message have been removed]
>

9775. TS850SAT Serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-30 09:14:13 UTC
From: Paul
Topic: 9775 Message: 9775

Hi all

I know this is a repetitive question, but recently lost all data.
How can you tell the manufacturing date of my TS850, from the serial number ?
Also any other data that can be decoded form the serial number.

Thanks

Paul

9776. TS850SAT Serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-30 11:24:18 UTC
From: Dennis
Topic: 9775 Message: 9776

First number of serial number minus 2. Example: 3 minus 2 = 1, or 1991. I think the next few numbers are month and day, and then production (serial) numbers. W8YS

Hi all

I know this is a repetitive question, but recently lost all data.
How can you tell the manufacturing date of my TS850, from the serial number ?
Also any other data that can be decoded form the serial number.

Thanks

Paul

[Non-text portions of this message have been removed]

9777. Re: [TS-850_450_690] Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 00:25:51 UTC
From: Jordan
Topic: 9773 Message: 9777

Yes...I'm getting a positive drift of ~+ 550hz over the first 40 minutes, then a quick drop back to 0hz offset, then a slow downward drift over the next 1.5 hours to ~-200hz offset..

The first hour is pretty drifty....73...Jordan....

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 29, 2010 8:22 PM
Subject: [TS-850_450_690] Re: TS-790A 23cm drift

The question is; how much drift and over what period of time?

A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While I've never measured it I would not be surprised at 3-500 hz drift in the first 30 min and less than 50 after that, at 1.2G. Any drift should be a slow movement, not a rapid change.

Adding a heater may help but it's my understanding the xtal has to be designed for it.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi....has anyone had an issue with drift when using the 790A with the 1296 option...?
>
> I'm thinking it might be the 3ppm 10.240Mhz base osc., which is later multiplied, but I could be wrong.
>
> Would a 50-60C crystal heater help...?
>
> Other than this, this is THE VHF/UHF multi-mode.!!!
>
> 73...Jordan...VE6ZT
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9778. Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 04:41:43 UTC
From: avvidclif
Topic: 9773 Message: 9778

That's normal until the rig gets up to operating temperature and stabilizes. A lot depends on the room temperature.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Yes...I'm getting a positive drift of ~+ 550hz over the first 40 minutes, then a quick drop back to 0hz offset, then a slow downward drift over the next 1.5 hours to ~-200hz offset..
>
> The first hour is pretty drifty....73...Jordan....
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, October 29, 2010 8:22 PM
> Subject: [TS-850_450_690] Re: TS-790A 23cm drift
>
>
>
>
> The question is; how much drift and over what period of time?
>
> A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While I've never measured it I would not be surprised at 3-500 hz drift in the first 30 min and less than 50 after that, at 1.2G. Any drift should be a slow movement, not a rapid change.
>
> Adding a heater may help but it's my understanding the xtal has to be designed for it.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@> wrote:
> >
> > Hi....has anyone had an issue with drift when using the 790A with the 1296 option...?
> >
> > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is later multiplied, but I could be wrong.
> >
> > Would a 50-60C crystal heater help...?
> >
> > Other than this, this is THE VHF/UHF multi-mode.!!!
> >
> > 73...Jordan...VE6ZT
> >

> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9779. Re: [TS-850_450_690] TS850SAT Serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 07:16:59 UTC
From: Paul Debono
Topic: 9775 Message: 9779

Hi Dennis,

Thanks a lot

Paul

On 30 October 2010 13:24, Dennis <vzet0bax@frontier.com> wrote:

>
>
> First number of serial number minus 2. Example: 3 minus 2 = 1, or 1991. I
> think the next few numbers are month and day, and then production (serial)
> numbers. W8YS
>
> Hi all
>
> I know this is a repetitive question, but recently lost all data.
> How can you tell the manufacturing date of my TS850, from the serial number
> ?
> Also any other data that can be decoded form the serial number.
>
> Thanks
>
> Paul
>
> [Non-text portions of this message have been removed]
>
>
>

--
An unknown gem of the Mediterranean sea is the Island of Malta. blessed with
warm sun , all year round.
In just one day, you can see places which will make you travel in history
from the Prehistoric temples, coming of Christianity, throu the middle
ages, the Knights of Malta, all the way to world war two. All the major
civilizations have left an imprint on this lovely little island. There is so
much to see and enjoy the excellent weather.

official website
http://www.visitmalta.com/main?l=1

Weather:
http://www.maltaweather.com/fiveday-forecast.html
http://www.maltaweather.com/climate.shtml
http://www.thomson.co.uk/holiday-wea...-in-malta.html

[Non-text portions of this message have been removed]

9780. Re: [TS-850_450_690] Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 15:09:53 UTC
From: Jordan
Topic: 9773 Message: 9780

I'm wondering if a DEMI type of crystal heater mounted to the case of the oscillator would help...It would bring the temperature up to 50 or 60C depending on the heater selected....It needs to be soldered to the case, and it appears that the case of of the LO is grounded so it should work electrically speaking.....

I noticed the same very rapid QSY back to near the original frequency on 1296 and 144 right around the 1 hour mark after turn-on...
On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.

On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not sure how much of the 10:1 ratio is arithmetic and/or chance....

73...Jordan VE6ZT
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 30, 2010 10:41 PM
Subject: [TS-850_450_690] Re: TS-790A 23cm drift

That's normal until the rig gets up to operating temperature and stabilizes. A lot depends on the room temperature.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Yes...I'm getting a positive drift of ~+ 550hz over the first 40 minutes, then a quick drop back to 0hz offset, then a slow downward drift over the next 1.5 hours to ~-200hz offset..
>
> The first hour is pretty drifty....73...Jordan....
>
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, October 29, 2010 8:22 PM
> Subject: [TS-850_450_690] Re: TS-790A 23cm drift
>
>
>
>
> The question is; how much drift and over what period of time?
>
> A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While I've never measured it I would not be surprised at 3-500 hz drift in the first 30 min and less than 50 after that, at 1.2G. Any drift should be a slow movement, not a rapid change.

>
> Adding a heater may help but it's my understanding the xtal has to be designed for it.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@> wrote:
> >
> > Hi....has anyone had an issue with drift when using the 790A with the 1296 option...?
> >
> > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is later multiplied, but I could be wrong.
> >
> > Would a 50-60C crystal heater help...?
> >
> > Other than this, this is THE VHF/UHF multi-mode.!!!
> >
> > 73...Jordan...VE6ZT
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9781. Re: [TS-850_450_690] Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 15:23:07 UTC
From: Crownhaven
Topic: 9773 Message: 9781

I have a DEMI transverter that I use on 1296. It is fairly stable after it warms up. The problem is accuracy. When you are working stations on 1296, you have to do a lot of tuning to find each other. It is the nature of the beast. Plan on sending a LOT of dashes. DEMI is recommending the use of an external 10 MHz source to improve stability and accuracy. They are getting there. I have always wondered what the accuracy was in the 1296 sections of the "all in one" radios, i.e., 790, IC-910, TS-2000? I bought the transverter for the 50 watts.

Steve, N4JQQ

On 10/31/2010 10:09 AM, Jordan wrote:
>
> I'm wondering if a DEMI type of crystal heater mounted to the case of
> the oscillator would help...It would bring the temperature up to 50 or
> 60C depending on the heater selected....It needs to be soldered to the
> case, and it appears that the case of of the LO is grounded so it
> should work electrically speaking.....
>
> I noticed the same very rapid QSY back to near the original frequency
> on 1296 and 144 right around the 1 hour mark after turn-on...
> On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.
>
> On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not
> sure how much of the 10:1 ratio is arithmetic and/or chance....
>
> 73...Jordan VE6ZT
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Saturday, October 30, 2010 10:41 PM
> Subject: [TS-850_450_690] Re: TS-790A 23cm drift
>
> That's normal until the rig gets up to operating temperature and
> stabilizes. A lot depends on the room temperature.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@...>
> wrote:
> >
> > Yes...I'm getting a positive drift of ~+ 550hz over the first 40
> minutes, then a quick drop back to 0hz offset, then a slow downward

> drift over the next 1.5 hours to ~-200hz offset..
> >
> > The first hour is pretty drifty....73...Jordan....
> >
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Friday, October 29, 2010 8:22 PM
> > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> >
> >
> >
> > The question is; how much drift and over what period of time?
> >
> > A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While
> I've never measured it I would not be surprised at 3-500 hz drift in
> the first 30 min and less than 50 after that, at 1.2G. Any drift
> should be a slow movement, not a rapid change.
> >
> > Adding a heater may help but it's my understanding the xtal has to
> be designed for it.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@> wrote:
> > >
> > > Hi....has anyone had an issue with drift when using the 790A with
> the 1296 option...?
> > >
> > > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is
> later multiplied, but I could be wrong.
> > >
> > > Would a 50-60C crystal heater help...?
> > >
> > > Other than this, this is THE VHF/UHF multi-mode.!!!
> > >
> > > 73...Jordan...VE6ZT
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9782. Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 16:55:25 UTC
From: avvidclif
Topic: 9773 Message: 9782

Look up the auction site # 280551861560

It will solve your problems, including overload of the pocketbook.

Clif

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I have a DEMI transverter that I use on 1296. It is fairly stable after
> it warms up. The problem is accuracy. When you are working stations on
> 1296, you have to do a lot of tuning to find each other. It is the
> nature of the beast. Plan on sending a LOT of dashes. DEMI is
> recommending the use of an external 10 MHz source to improve stability
> and accuracy. They are getting there. I have always wondered what the
> accuracy was in the 1296 sections of the "all in one" radios, i.e., 790,
> IC-910, TS-2000? I bought the transverter for the 50 watts.
>
> Steve, N4JQQ
>
> On 10/31/2010 10:09 AM, Jordan wrote:
> >
> > I'm wondering if a DEMI type of crystal heater mounted to the case of
> > the oscillator would help...It would bring the temperature up to 50 or
> > 60C depending on the heater selected....It needs to be soldered to the
> > case, and it appears that the case of of the LO is grounded so it
> > should work electrically speaking.....
> >
> > I noticed the same very rapid QSY back to near the original frequency
> > on 1296 and 144 right around the 1 hour mark after turn-on...
> > On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.
> >
> > On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not
> > sure how much of the 10:1 ratio is arithmetic and/or chance....
> >
> > 73...Jordan VE6ZT
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Saturday, October 30, 2010 10:41 PM
> > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> >
> > That's normal until the rig gets up to operating temperature and
> > stabilizes. A lot depends on the room temperature.
> >
> > Clif

> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> > wrote:
> > >
> > > Yes...I'm getting a positive drift of ~+ 550hz over the first 40
> > minutes, then a quick drop back to 0hz offset, then a slow downward
> > drift over the next 1.5 hours to ~-200hz offset..
> > >
> > > The first hour is pretty drifty....73...Jordan....
> > >
> > >
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Friday, October 29, 2010 8:22 PM
> > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > >
> > >
> > >
> > > The question is; how much drift and over what period of time?
> > >
> > > A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While
> > I've never measured it I would not be surprised at 3-500 hz drift in
> > the first 30 min and less than 50 after that, at 1.2G. Any drift
> > should be a slow movement, not a rapid change.
> > >
> > > Adding a heater may help but it's my understanding the xtal has to
> > be designed for it.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@> wrote:
> > > >
> > > > Hi....has anyone had an issue with drift when using the 790A with
> > the 1296 option...?
> > > >
> > > > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is
> > later multiplied, but I could be wrong.
> > > >
> > > > Would a 50-60C crystal heater help...?
> > > >
> > > > Other than this, this is THE VHF/UHF multi-mode.!!!
> > > >
> > > > 73...Jordan...VE6ZT
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >

> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9783. Re: [TS-850_450_690] Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 17:39:46 UTC
From: Crownhaven
Topic: 9773 Message: 9783

There you go! I think I will be sending lots of dashing and tuning manually. Getting one of those things only solves half the problem because you will be the only one out there with an accurate frequency!!!!!

Thanks Clif.

Steve, N4JQQ

On 10/31/2010 11:55 AM, avvidclif wrote:
>
> Look up the auction site # 280551861560
>
> It will solve your problems, including overload of the pocketbook.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
> > I have a DEMI transverter that I use on 1296. It is fairly stable after
> > it warms up. The problem is accuracy. When you are working stations on
> > 1296, you have to do a lot of tuning to find each other. It is the
> > nature of the beast. Plan on sending a LOT of dashes. DEMI is
> > recommending the use of an external 10 MHz source to improve stability
> > and accuracy. They are getting there. I have always wondered what the
> > accuracy was in the 1296 sections of the "all in one" radios, i.e.,
> 790,
> > IC-910, TS-2000? I bought the transverter for the 50 watts.
> >
> > Steve, N4JQQ
> >
> > On 10/31/2010 10:09 AM, Jordan wrote:
> > >
> > > I'm wondering if a DEMI type of crystal heater mounted to the case of
> > > the oscillator would help...It would bring the temperature up to
> 50 or
> > > 60C depending on the heater selected....It needs to be soldered to
> the
> > > case, and it appears that the case of of the LO is grounded so it
> > > should work electrically speaking.....
> > >
> > > I noticed the same very rapid QSY back to near the original frequency
> > > on 1296 and 144 right around the 1 hour mark after turn-on...
> > > On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.
> > >

> > > On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not
> > > sure how much of the 10:1 ratio is arithmetic and/or chance....
> > >
> > > 73...Jordan VE6ZT
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Saturday, October 30, 2010 10:41 PM
> > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > >
> > > That's normal until the rig gets up to operating temperature and
> > > stabilizes. A lot depends on the room temperature.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> > > wrote:
> > > >
> > > > Yes...I'm getting a positive drift of ~+ 550hz over the first 40
> > > minutes, then a quick drop back to 0hz offset, then a slow downward
> > > drift over the next 1.5 hours to ~-200hz offset..
> > > >
> > > > The first hour is pretty drifty....73...Jordan....
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: avvidclif
> > > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > Sent: Friday, October 29, 2010 8:22 PM
> > > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > > >
> > > >
> > > >
> > > > The question is; how much drift and over what period of time?
> > > >
> > > > A 3 PPM xtal can move 360 hz at 1.2G and still be within spec.
> While
> > > I've never measured it I would not be surprised at 3-500 hz drift in
> > > the first 30 min and less than 50 after that, at 1.2G. Any drift
> > > should be a slow movement, not a rapid change.
> > > >
> > > > Adding a heater may help but it's my understanding the xtal has to
> > > be designed for it.
> > > >

> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> wrote:
> > > > >
> > > > > Hi....has anyone had an issue with drift when using the 790A with
> > > the 1296 option...?
> > > > >
> > > > > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is
> > > later multiplied, but I could be wrong.
> > > > >
> > > > > Would a 50-60C crystal heater help...?
> > > > >
> > > > > Other than this, this is THE VHF/UHF multi-mode.!!!
> > > > >
> > > > > 73...Jordan...VE6ZT
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

9784. Re: [TS-850_450_690] Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 20:16:42 UTC
From: Steve Gehring
Topic: 9773 Message: 9784

Then there's this gps-based 10 MHz reference unit:

http://www.jrmiller.demon.co.uk/projects/ministd/frqstd.htm

I want one for my test bench.

Or, you could go this route with your transverter, rig, or both:

DB6NT Crystal Heater,
http://www.kuhne-electronic.de/en/products/crystal-heater/qh-40-a.html

73.

On 10/31/2010 7:23 AM, Crownhaven wrote:
>
> I have a DEMI transverter that I use on 1296. It is fairly stable after
> it warms up. The problem is accuracy. When you are working stations on
> 1296, you have to do a lot of tuning to find each other. It is the
> nature of the beast. Plan on sending a LOT of dashes. DEMI is
> recommending the use of an external 10 MHz source to improve stability
> and accuracy. They are getting there. I have always wondered what the
> accuracy was in the 1296 sections of the "all in one" radios, i.e., 790,
> IC-910, TS-2000? I bought the transverter for the 50 watts.
>
> Steve, N4JQQ
>
> On 10/31/2010 10:09 AM, Jordan wrote:
> >
> > I'm wondering if a DEMI type of crystal heater mounted to the case of
> > the oscillator would help...It would bring the temperature up to 50 or
> > 60C depending on the heater selected....It needs to be soldered to the
> > case, and it appears that the case of of the LO is grounded so it
> > should work electrically speaking.....
> >
> > I noticed the same very rapid QSY back to near the original frequency
> > on 1296 and 144 right around the 1 hour mark after turn-on...
> > On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.
> >
> > On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not
> > sure how much of the 10:1 ratio is arithmetic and/or chance....
> >
> > 73...Jordan VE6ZT
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>

> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Saturday, October 30, 2010 10:41 PM
> > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> >
> > That's normal until the rig gets up to operating temperature and
> > stabilizes. A lot depends on the room temperature.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@...>
> > wrote:
> > >
> > > Yes...I'm getting a positive drift of ~+ 550hz over the first 40
> > minutes, then a quick drop back to 0hz offset, then a slow downward
> > drift over the next 1.5 hours to ~-200hz offset..
> > >
> > > The first hour is pretty drifty....73...Jordan....
> > >
> > >
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Friday, October 29, 2010 8:22 PM
> > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > >
> > >
> > >
> > > The question is; how much drift and over what period of time?
> > >
> > > A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While
> > I've never measured it I would not be surprised at 3-500 hz drift in
> > the first 30 min and less than 50 after that, at 1.2G. Any drift
> > should be a slow movement, not a rapid change.
> > >
> > > Adding a heater may help but it's my understanding the xtal has to
> > be designed for it.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> wrote:
> > > > >
> > > > Hi....has anyone had an issue with drift when using the 790A with
> > the 1296 option...?

> > > >
> > > > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is
> > later multiplied, but I could be wrong.
> > > >
> > > > Would a 50-60C crystal heater help...?
> > > >
> > > > Other than this, this is THE VHF/UHF multi-mode.!!!
> > > >
> > > > 73...Jordan...VE6ZT
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9785. Re: [TS-850_450_690] Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-10-31 21:11:49 UTC
From: Crownhaven
Topic: 9773 Message: 9785

Still going to send long strings of dashes and tune. 1296 QSOs are very
hard to come by around here. Usually during a contest or possibly
during a major tropo opening. The rest of that stuff is too rich for my
blood based on dollar vs. QSO. Kind of like dove hunting.

Steve, N4JQQ

On 10/31/2010 3:16 PM, Steve Gehring wrote:
>
> Then there's this gps-based 10 MHz reference unit:
>
> http://www.jrmiller.demon.co.uk/projects/ministd/frqstd.htm
>
> I want one for my test bench.
>
> Or, you could go this route with your transverter, rig, or both:
>
> DB6NT Crystal Heater,
> http://www.kuhne-electronic.de/en/products/crystal-heater/qh-40-a.html
>
> 73.
>
> On 10/31/2010 7:23 AM, Crownhaven wrote:
> >
> > I have a DEMI transverter that I use on 1296. It is fairly stable after
> > it warms up. The problem is accuracy. When you are working stations on
> > 1296, you have to do a lot of tuning to find each other. It is the
> > nature of the beast. Plan on sending a LOT of dashes. DEMI is
> > recommending the use of an external 10 MHz source to improve stability
> > and accuracy. They are getting there. I have always wondered what the
> > accuracy was in the 1296 sections of the "all in one" radios, i.e., 790,
> > IC-910, TS-2000? I bought the transverter for the 50 watts.
> >
> > Steve, N4JQQ
> >
> > On 10/31/2010 10:09 AM, Jordan wrote:
> > >
> > > I'm wondering if a DEMI type of crystal heater mounted to the case of
> > > the oscillator would help...It would bring the temperature up to 50 or
> > > 60C depending on the heater selected....It needs to be soldered to the
> > > case, and it appears that the case of of the LO is grounded so it
> > > should work electrically speaking.....
> > >
> > > I noticed the same very rapid QSY back to near the original frequency
> > > on 1296 and 144 right around the 1 hour mark after turn-on...

> > > On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.
> > >
> > > On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not
> > > sure how much of the 10:1 ratio is arithmetic and/or chance....
> > >
> > > 73...Jordan VE6ZT
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Saturday, October 30, 2010 10:41 PM
> > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > >
> > > That's normal until the rig gets up to operating temperature and
> > > stabilizes. A lot depends on the room temperature.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@...>
> > > wrote:
> > > >
> > > > Yes...I'm getting a positive drift of ~+ 550hz over the first 40
> > > minutes, then a quick drop back to 0hz offset, then a slow downward
> > > drift over the next 1.5 hours to ~-200hz offset..
> > > >
> > > > The first hour is pretty drifty....73...Jordan....
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: avvidclif
> > > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > Sent: Friday, October 29, 2010 8:22 PM
> > > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > > >
> > > >
> > > >
> > > > The question is; how much drift and over what period of time?
> > > >
> > > > A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While
> > > I've never measured it I would not be surprised at 3-500 hz drift in
> > > the first 30 min and less than 50 after that, at 1.2G. Any drift
> > > should be a slow movement, not a rapid change.

> > > >
> > > > Adding a heater may help but it's my understanding the xtal has to
> > > be designed for it.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> > wrote:
> > > > >
> > > > > Hi....has anyone had an issue with drift when using the 790A with
> > > the 1296 option...?
> > > > >
> > > > > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is
> > > later multiplied, but I could be wrong.
> > > > >
> > > > > Would a 50-60C crystal heater help...?
> > > > >
> > > > > Other than this, this is THE VHF/UHF multi-mode.!!!
> > > > >
> > > > > 73...Jordan...VE6ZT
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]

9786. Re: TS-790A 23cm drift

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-01 02:46:03 UTC
From: avvidclif
Topic: 9773 Message: 9786

By my calculations that's about $441 USD and then you get to find an antenna and power supply. I like mine better. All in one deal.

Clif

--- In TS-850_450_690@yahoogroups.com, Steve Gehring <steven.gehring@...> wrote:
>
> Then there's this gps-based 10 MHz reference unit:
>
> http://www.jrmiller.demon.co.uk/projects/ministd/frqstd.htm
>
> I want one for my test bench.
>
>
> Or, you could go this route with your transverter, rig, or both:
>
> DB6NT Crystal Heater,
> http://www.kuhne-electronic.de/en/products/crystal-heater/qh-40-a.html
>
> 73.
>
> On 10/31/2010 7:23 AM, Crownhaven wrote:
> >
> > I have a DEMI transverter that I use on 1296. It is fairly stable after
> > it warms up. The problem is accuracy. When you are working stations on
> > 1296, you have to do a lot of tuning to find each other. It is the
> > nature of the beast. Plan on sending a LOT of dashes. DEMI is
> > recommending the use of an external 10 MHz source to improve stability
> > and accuracy. They are getting there. I have always wondered what the
> > accuracy was in the 1296 sections of the "all in one" radios, i.e., 790,
> > IC-910, TS-2000? I bought the transverter for the 50 watts.
> >
> > Steve, N4JQQ
> >
> > On 10/31/2010 10:09 AM, Jordan wrote:
> > >
> > > I'm wondering if a DEMI type of crystal heater mounted to the case of
> > > the oscillator would help...It would bring the temperature up to 50 or
> > > 60C depending on the heater selected....It needs to be soldered to the
> > > case, and it appears that the case of of the LO is grounded so it
> > > should work electrically speaking.....
> > >
> > > I noticed the same very rapid QSY back to near the original frequency
> > > on 1296 and 144 right around the 1 hour mark after turn-on...
> > > On 1296 the shift is from ~ 500hz high to ~ -100hz, or about 600hz.

> > >
> > > On 144, the shift is from ~ 60hz high to ~ 0hz, or about 60hz...Not
> > > sure how much of the 10:1 ratio is arithmetic and/or chance....
> > >
> > > 73...Jordan VE6ZT
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > Sent: Saturday, October 30, 2010 10:41 PM
> > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > >
> > > That's normal until the rig gets up to operating temperature and
> > > stabilizes. A lot depends on the room temperature.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> > > wrote:
> > > >
> > > > Yes...I'm getting a positive drift of ~+ 550hz over the first 40
> > > minutes, then a quick drop back to 0hz offset, then a slow downward
> > > drift over the next 1.5 hours to ~-200hz offset..
> > > >
> > > > The first hour is pretty drifty....73...Jordan....
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: avvidclif
> > > > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > Sent: Friday, October 29, 2010 8:22 PM
> > > > Subject: [TS-850_450_690] Re: TS-790A 23cm drift
> > > >
> > > >
> > > >
> > > > The question is; how much drift and over what period of time?
> > > >
> > > > A 3 PPM xtal can move 360 hz at 1.2G and still be within spec. While
> > > I've never measured it I would not be surprised at 3-500 hz drift in
> > > the first 30 min and less than 50 after that, at 1.2G. Any drift
> > > should be a slow movement, not a rapid change.
> > > >
> > > > Adding a heater may help but it's my understanding the xtal has to
> > > be designed for it.
> > > >

> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Jordan" <Outposter30@>
> > wrote:
> > > > >
> > > > > Hi....has anyone had an issue with drift when using the 790A with
> > > the 1296 option...?
> > > > > >
> > > > > I'm thinking it might be the 3ppm 10.240Mhz base osc., which is
> > > later multiplied, but I could be wrong.
> > > > > >
> > > > > Would a 50-60C crystal heater help...?
> > > > > >
> > > > > Other than this, this is THE VHF/UHF multi-mode.!!!
> > > > > >
> > > > > 73...Jordan...VE6ZT
> > > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> [Non-text portions of this message have been removed]
>

9787. Is the Kenwood TS-440 ACC2 the same as the TX-850 ACC2?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-01 18:26:27 UTC
From: bud Thompson
Topic: 9787 Message: 9787

Sorry posted on TS 480 group!

I am trying to use a Kenwood TS-440 in place of a TS-850 on HF Pactor for some testing.

(I had a 440 years ago - and thought the 440 and 850 were the same animals with the ACC2 data port and that I should be able to use either radio with the same TNC and TNC to ACC2 cable. So far I've not been able to get either of two (2) 440 radios to key using that cable. RX audio is coming through okay - and I assume TX audio as well - but won't know until I can key the radio.

What am I missing?

Thanks,

bud N0IA

[Non-text portions of this message have been removed]

9788. Re: [TS-850_450_690] Is the Kenwood TS-440 ACC2 the same as the TX-850 ACC2?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-01 19:38:45 UTC
From: Dave ve3wej
Topic: 9787 Message: 9788

the ts4340 used pin on some interfaces, while the 850 uses pin 13.

if you bridge a diode from pin 9 to pin 13, it will work on either

----- Original Message -----
From: "bud Thompson" <budt@...>
To: "TS-850@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 01, 2010 2:26 PM
Subject: [TS-850_450_690] Is the Kenwood TS-440 ACC2 the same as the TX-850 ACC2?

> Sorry posted on TS 480 group!
>
>
>
> I am trying to use a Kenwood TS-440 in place of a TS-850 on HF Pactor for
> some testing.
>
>
>
> (I had a 440 years ago - and thought the 440 and 850 were the same animals
> with the ACC2 data port and that I should be able to use either radio with
> the same TNC and TNC to ACC2 cable. So far I've not been able to get
> either
> of two (2) 440 radios to key using that cable. RX audio is coming through
> okay - and I assume TX audio as well - but won't know until I can key the
> radio.
>
>
>
> What am I missing?
>
>
>
> Thanks,
>
>
>
> bud N0IA
>
>
>
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9789. help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 01:27:10 UTC
From: J R
Topic: 9789 Message: 9789

hi guys im looking for a part on the pll unit (x50-3130-00) part #ta78dlo9p ref #ic2.
if you now of anyone or where i can purchase one .
tnx
wu8q JR

[Non-text portions of this message have been removed]

9790. Re: help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 01:40:23 UTC
From: avvidclif
Topic: 9789 Message: 9790

Folks if you need Kenwood parts PLEASE go to www.kenwoodparts.com FIRST.
They are the Kenwood parts distributor on the east coast. If you don't like their price then start shopping around.

And they have your part.

Clif

--- In TS-850_450_690@yahoogroups.com, J R <wu8q2000@...> wrote:
>
> hi guys im looking for a part on the pll unit (x50-3130-00) part #ta78dlo9p   ref #ic2.
> if you now of anyone or where i can purchase one .
> tnx
> wu8q JR
>
>
>
>
> [Non-text portions of this message have been removed]
>

9791. Re: [TS-850_450_690] help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 01:41:47 UTC
From: Dave ve3wej
Topic: 9789 Message: 9791

search the manual for the kenwood part number and check with eastcoast transistor, but the number (of the part??) makes it look like a regulator (9v) the dl is the package type

did you check www.nteinc.com

Dave
----- Original Message -----
From: "J R" <wu8q2000@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 01, 2010 9:27 PM
Subject: [TS-850_450_690] help ts-850s kenwood

hi guys im looking for a part on the pll unit (x50-3130-00) part #ta78dlo9p ref #ic2.
if you now of anyone or where i can purchase one .
tnx
wu8q JR

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9792. Re: [TS-850_450_690] help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 02:03:39 UTC
From: J R
Topic: 9789 Message: 9792

tnx cliff and dave its on its way .
  thank you
jr wu8q

--- On Mon, 11/1/10, Dave ve3wej <ve3wej@gmail.com> wrote:

From: Dave ve3wej <ve3wej@...>
Subject: Re: [TS-850_450_690] help ts-850s kenwood
To: TS-850_450_690@yahoogroups.com
Date: Monday, November 1, 2010, 9:41 PM

search the manual for the kenwood part number and check with eastcoast
transistor, but the number (of the part??) makes it look like a regulator
(9v) the dl is the package type

did you check www.nteinc.com

Dave
----- Original Message -----
From: "J R" <wu8q2000@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 01, 2010 9:27 PM
Subject: [TS-850_450_690] help ts-850s kenwood

hi guys im looking for a part on the pll unit (x50-3130-00) part #ta78dlo9p
ref #ic2.
if you now of anyone or where i can purchase one .
tnx
wu8q JR

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

9793. Re: [TS-850_450_690] help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 01:51:46 UTC
From: Jesse Dominguez
Topic: 9789 Message: 9793

try http://.www.kenwoodparts.com they have the part for $167.45

On Mon, Nov 1, 2010 at 8:27 PM, J R <wu8q2000@...> wrote:

>
>
> hi guys im looking for a part on the pll unit (x50-3130-00) part
> #ta78dlo9p ref #ic2.
> if you now of anyone or where i can purchase one .
> tnx
> wu8q JR
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9794. Re: [TS-850_450_690] help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 01:55:42 UTC
From: Jesse Dominguez
Topic: 9789 Message: 9794

Sorry But the part has been discontinued on kenwwoodparts.com

On Mon, Nov 1, 2010 at 8:51 PM, Jesse Dominguez <kc5mah@...>wrote:

> try http://.www.kenwoodparts.com they have the part for $167.45
>
>
> On Mon, Nov 1, 2010 at 8:27 PM, J R <wu8q2000@...> wrote:
>
>>
>>
>> hi guys im looking for a part on the pll unit (x50-3130-00) part
>> #ta78dlo9p ref #ic2.
>> if you now of anyone or where i can purchase one .
>> tnx
>> wu8q JR
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

9795. Re: help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 02:09:49 UTC
From: avvidclif
Topic: 9789 Message: 9795

Look up the part, not the board it's on.

Clif

--- In TS-850_450_690@yahoogroups.com, Jesse Dominguez <kc5mah@...> wrote:
>
> try http://.www.kenwoodparts.com they have the part for $167.45
>
> On Mon, Nov 1, 2010 at 8:27 PM, J R <wu8q2000@...> wrote:
>
> >
> >
> > hi guys im looking for a part on the pll unit (x50-3130-00) part
> > #ta78dlo9p ref #ic2.
> > if you now of anyone or where i can purchase one .
> > tnx
> > wu8q JR
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9796. Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 16:58:44 UTC
From: kb3ccn
Topic: 9654 Message: 9796

Here is an update. I was able to get the part ordered from kenwoodparts.

Kenwood KEN-W02-1836-15 $64.95
Shipping/Handling: $14.95
Tax: $4.80

GRAND TOTAL: $84.70

WHAT A SCAM ..... They charged me 14.95 on shipping on a part that was a few ounces BECAUSE it is in the second tier price category. AND they charged me tax. Last time I checked, they are NOT in my home state of PA to charge me sales tax.

They quoted me a price on the phone that was 5 dollars less the posted price, THEN jacked the shipping up 5 bucks more because I did not web order.

grrrrrrrrrrr

9797. Re: [TS-850_450_690] Re: help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 23:38:06 UTC
From: J R
Topic: 9789 Message: 9797

they just canceled my order on the ta78dlo9p   do not have it .
anyone else ??? for the ts850s (east coast)
JRwu8q

--- On Mon, 11/1/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@avvid.com>
Subject: [TS-850_450_690] Re: help ts-850s kenwood
To: TS-850_450_690@yahoogroups.com
Date: Monday, November 1, 2010, 10:09 PM

Look up the part, not the board it's on.

Clif

--- In TS-850_450_690@yahoogroups.com, Jesse Dominguez <kc5mah@...> wrote:
>
> try http://.www.kenwoodparts.com they have the part for $167.45
>
> On Mon, Nov 1, 2010 at 8:27 PM, J R <wu8q2000@...> wrote:
>
> >
> >
> > hi guys im looking for a part on the pll unit (x50-3130-00) part
> > #ta78dlo9p ref #ic2.
> > if you now of anyone or where i can purchase one .
> > tnx
> > wu8q JR
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9798. Re: [TS-850_450_690] help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-02 23:42:52 UTC
From: J R
Topic: 9789 Message: 9798

tnx jesse.
i just got the email that east coast kenwood doesnt have it either
.still looking .
jr wu8q

--- On Mon, 11/1/10, Jesse Dominguez <kc5mah@...> wrote:

From: Jesse Dominguez <kc5mah@riocomputer.com>
Subject: Re: [TS-850_450_690] help ts-850s kenwood
To: TS-850_450_690@yahoogroups.com
Date: Monday, November 1, 2010, 9:55 PM

Sorry But the part has been discontinued on kenwwoodparts.com

On Mon, Nov 1, 2010 at 8:51 PM, Jesse Dominguez <kc5mah@...>wrote:

> try http://.www.kenwoodparts.com they have the part for $167.45
>
>
> On Mon, Nov 1, 2010 at 8:27 PM, J R <wu8q2000@...> wrote:
>
>>
>>
>> hi guys im looking for a part on the pll unit (x50-3130-00) part
>> #ta78dlo9p ref #ic2.
>> if you now of anyone or where i can purchase one .
>> tnx
>> wu8q JR
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9799. TA78DL09P

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-03 12:52:54 UTC
From: Patrick Egloff
Topic: 9799 Message: 9799

JR,

Maybe i'm wrong, (i did'nt look on the diagram) but your chip could be a 9v fixed low drop voltage regulator !
Search for ANY 500mA low drop 9V regulator, and that should be OK.

It's certainly a TA78DL09P (zero nine papa) and not a o9p (oscar nine papa)

I don't know the input voltage present on this regulator, but if you have more than 12V, you could also use a normal 78L09 regulator which costs a few cents (Euro or Dollar hi hi)

Hope this helps,
73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://tk5ep.free.fr

[Non-text portions of this message have been removed]

9800. please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-03 22:38:51 UTC
From: joel
Topic: 9800 Message: 9800

Hi
traducción del español al inglés
I have problems with my kenwood, please see the video, thanks

http://www.youtube.com/watch?v=hJTKtYwlvuc

73's
Joel
CE2JLB

9801. Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 01:37:37 UTC
From: kb1kox
Topic: 9800 Message: 9801

Joel,

Do a message search for "PLL Unlock"
Start from there...
GL
73,
Neil,
AE1P

--- In TS-850_450_690@yahoogroups.com, "joel" <ce2jlb@...> wrote:
>
> Hi
> traducción del español al inglés
> I have problems with my kenwood, please see the video, thanks
>
> http://www.youtube.com/watch?v=hJTKtYwlvuc
>
> 73's
> Joel
> CE2JLB
>

9802. Re: [TS-850_450_690] please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 01:38:03 UTC
From: barrie parsons
Topic: 9800 Message: 9802

Dear OM.
I would suggest trying to do a microprocessor re set.In your manual it will tell you how to do this step.Most modern transceivers...and some not so modern....exhibit this fault and it usually is 'fixed'by a microprocessor re set.It is usuall achieved by a combination of keys for example on the TS940SAT Kenwood...it is done by switching the power on at the same time pressing the a=b button.I hope this helps OM and I am sure other people will come up with suggestions ...good luck 73 Barrie g4yjs.

On Wed, Nov 3, 2010 at 10:38 PM, joel <ce2jlb@...> wrote:

>
>
> Hi
> traducci?n del espa?ol al ingl?s
> I have problems with my kenwood, please see the video, thanks
>
> http://www.youtube.com/watch?v=hJTKtYwlvuc
>
> 73's
> Joel
> CE2JLB
>
>
>

[Non-text portions of this message have been removed]

9803. Re: [TS-850_450_690] please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 01:52:31 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9800 Message: 9803

ok I will seek,
what page?
thanks
joel

2010/11/3 barrie parsons <g4yjsbarrie@...>

> Dear OM.
> I would suggest trying to do a microprocessor re set.In your manual it will
> tell you how to do this step.Most modern transceivers...and some not so
> modern....exhibit this fault and it usually is 'fixed'by a microprocessor
> re
> set.It is usuall achieved by a combination of keys for example on the
> TS940SAT Kenwood...it is done by switching the power on at the same time
> pressing the a=b button.I hope this helps OM and I am sure other people
> will
> come up with suggestions ...good luck 73 Barrie g4yjs.
>
> On Wed, Nov 3, 2010 at 10:38 PM, joel <ce2jlb@gmail.com> wrote:
>
> >
> >
> > Hi
> > traducción del español al inglés
> > I have problems with my kenwood, please see the video, thanks
> >
> > http://www.youtube.com/watch?v=hJTKtYwlvuc
> >
> > 73's
> > Joel
> > CE2JLB
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

>
>

[Non-text portions of this message have been removed]

9804. Re: [TS-850_450_690] please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 06:13:42 UTC
From: Tom Osborne
Topic: 9800 Message: 9804

Hi Joel
Sometimes my '450 does that, but only when the power from the power supply drops too low. The |Sometimes the power on the supply drops to about 6 volts and the radio starts sending 'UL' and the display goes away. When it does it again, check to see what the power supply voltage is. 73
Tom W7WHY

Hi
traducci?n del espa?ol al ingl?s
I have problems with my kenwood, please see the video, thanks

http://www.youtube.com/watch?v=hJTKtYwlvuc

73's
Joel
CE2JLB

9805. Re: [TS-850_450_690] please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 06:19:52 UTC
From: Tom Osborne
Topic: 9800 Message: 9805

To do a reset on the '450, hold down the A=B key and turn the power on.
That will reset the radio.

You might have to go to the menu and do some changes after you do the reset.
73
Tom W7WHY

ok I will seek,
what page?
thanks
joel

2010/11/3 barrie parsons <g4yjsbarrie@...>

> Dear OM.
> I would suggest trying to do a microprocessor re set.In your manual it
> will
> tell you how to do this step.Most modern transceivers...and some not so
> modern....exhibit this fault and it usually is 'fixed'by a microprocessor
> re
> set.It is usuall achieved by a combination of keys for example on the
> TS940SAT Kenwood...it is done by switching the power on at the same time
> pressing the a=b button.I hope this helps OM and I am sure other people
> will
> come up with suggestions ...good luck 73 Barrie g4yjs.

9806. Re: [TS-850_450_690] please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 10:46:20 UTC
From: Joel Lequiz B.
Topic: 9800 Message: 9806

Yes, not solution

Enviado desde mi iPhone
68465552
CE2JLB

El 04-11-2010, a las 3:19, "Tom Osborne" <w7why@...> escribió:

>
> To do a reset on the '450, hold down the A=B key and turn the power
> on.
> That will reset the radio.
>
> You might have to go to the menu and do some changes after you do
> the reset.
> 73
> Tom W7WHY
>
> ok I will seek,
> what page?
> thanks
> joel
>
> 2010/11/3 barrie parsons <g4yjsbarrie@...>
>
> > Dear OM.
> > I would suggest trying to do a microprocessor re set.In your
> manual it
> > will
> > tell you how to do this step.Most modern transceivers...and some
> not so
> > modern....exhibit this fault and it usually is 'fixed'by a
> microprocessor
> > re
> > set.It is usuall achieved by a combination of keys for example on
> the
> > TS940SAT Kenwood...it is done by switching the power on at the
> same time
> > pressing the a=b button.I hope this helps OM and I am sure other
> people
> > will
> > come up with suggestions ...good luck 73 Barrie g4yjs.
>
>

[Non-text portions of this message have been removed]

9807. RE: [TS-850_450_690] please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 16:16:50 UTC
From: Andy Hearn
Topic: 9800 Message: 9807

Joel

Is the set from a smoking user, I had one and cleaned all the pcb's in the VCO area and it cured the same problem, check the VCO's are correctly set as per the service manual, they drift off with age and it sounds as if your control voltage is out of range to accept initial lock.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Joel Lequiz B.
Sent: 04 November 2010 10:46
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] please help with my ts-450s

Yes, not solution

Enviado desde mi iPhone
68465552
CE2JLB

El 04-11-2010, a las 3:19, "Tom Osborne" <w7why@frontier.com <mailto:w7why%40frontier.com>
> escribió:

>
> To do a reset on the '450, hold down the A=B key and turn the power
> on.
> That will reset the radio.
>
> You might have to go to the menu and do some changes after you do
> the reset.
> 73
> Tom W7WHY
>
> ok I will seek,
> what page?
> thanks
> joel
>
> 2010/11/3 barrie parsons <g4yjsbarrie@... <mailto:g4yjsbarrie%40sky.com> >
>
> > Dear OM.
> > I would suggest trying to do a microprocessor re set.In your
> manual it
> > will

> > tell you how to do this step.Most modern transceivers...and some
> not so
> > modern....exhibit this fault and it usually is 'fixed'by a
> microprocessor
> > re
> > set.It is usuall achieved by a combination of keys for example on
> the
> > TS940SAT Kenwood...it is done by switching the power on at the
> same time
> > pressing the a=b button.I hope this helps OM and I am sure other
> people
> > will
> > come up with suggestions ...good luck 73 Barrie g4yjs.
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9808. TS-850s for parts or repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-04 18:54:49 UTC
From: wmpayer
Topic: 9808 Message: 9808

All,

I have a TS-850s radio with a dark display. The radio still works fine as I used it with Ham Radio Deluxe before boxing it up. I expect that it can be repaired, but I no longer need it.

If anyone is interested, please contact direct me with an offer.

Bill
KB4IJ

9809. Re: help ts-850s kenwood

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-05 02:44:46 UTC
From: Bryan
Topic: 9789 Message: 9809

Hi JR,

TA78DL09P is a positive 9V linear regulator. I found it in a Toshiba catalog here:

http://www.semicon.toshiba.co.jp/docs/catalog/ja/BDJ0036_catalog.pdf

Of course, all the text is in Japanese. At the top of the page where this part appears is the (translated) text that says:

"The following products are products that will be obsolete and discontinued. If you are a new design alternative varieties
Please consider the hotel."

On the Toshiba website, I of course found no such current part number. However, I did get four hits when searching for TA78DL09 without the P suffix (PN TA78DL09AF, TA78DL09AS, TA78DL09F, and TA78DL09S). They're all listed as 9V/250mA three-terminal low-dropout (0.6V) positive voltage regulators.

The TS850 PLL PCB looks like it takes a TO-220 or TO-202 package. Take a look at these... they're all rated at 0.5V or less dropout, and 500mA or more output current. They have the same pinout as the Toshiba part:

Mfr: Rohm
PN: BA90BC0T
Current: 1A

Mfr: ST Microelectronics
PN: LF90CV
Current: 500mA

Mfr: National Semiconductor
PN: LM2940T-9.0/NOPB or LM2940CT-9.0/NOPB
Current: 1A

Digi-Key shows them in stock.

vy 73,
Bryan WA7PRC

--- JR WU8Q wrote:
>
> they just canceled my order on the ta78dlo9p do not have it .
> anyone else ??? for the ts850s (east coast)
> JRwu8q

9810. Kenwood TS850s Power Connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-05 11:50:04 UTC
From: Delta
Topic: 9810 Message: 9810

Hello,

I wonder if some of you got a Power Cord Connector, the one on the back of the rig. Mine is broken and I want to fix that. If anyone of you can help me with this part it would be nice.

73 de Dan YO3IBW
http://www.buz.ro

9811. TS-450S for WSPR and JT65

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-05 08:35:17 UTC
From: mob3mc
Topic: 9811 Message: 9811

I found more success on the SPR mode with the TS-450S than with the TS-570 d. I am using an inverted V for an antenna and I just switch units. I know a better antenna will help and that is being worked out in the very near future. Still no joy with JT65 and will be looking for reactions on your experiences on these two modes. I use the Rigblaster Plug & Play interface.

73,

Jojo
DU1VHY

9812. RE: [TS-850_450_690] Kenwood TS850s Power Connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-05 12:34:55 UTC
From: Richard Schmuke
Topic: 9810 Message: 9812

R & L elec carries a cable for the Kenwood HF rigs or anyone who carries MFJ5535

http://www.rlham.com/cgi-bin/shop/modellookup.dbw?MODEL=MFJ5535

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Delta
Sent: Friday, November 05, 2010 6:50 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood TS850s Power Connector

Hello,

I wonder if some of you got a Power Cord Connector, the one on the back of the rig. Mine is broken and I want to fix that. If anyone of you can help me with this part it would be nice.

73 de Dan YO3IBW
http://www.buz.ro

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.864 / Virus Database: 271.1.1/3237 - Release Date: 11/04/10 03:42:00

[Non-text portions of this message have been removed]

9813. Re: [TS-850_450_690] Kenwood TS850s Power Connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-05 20:26:35 UTC
From: Dave ve3wej
Topic: 9810 Message: 9813

you are looking for the chassis mount, not the cable end??? right???

> I wonder if some of you got a Power Cord Connector, the one on the back of
> the rig. Mine is broken and I want to fix that. If anyone of you can help
> me
> with this part it would be nice.
>
> 73 de Dan YO3IBW

9814. Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-05 22:24:34 UTC
From: joel
Topic: 9800 Message: 9814

hi
please step by step how I adjust the vco, thanks
joel

--- In TS-850_450_690@yahoogroups.com, "Andy Hearn" <g3ueq@...> wrote:
>
> Joel
>
> Is the set from a smoking user, I had one and cleaned all the pcbâ□□s in the VCO area and it cured the same problem, check the VCOâ□□s are correctly set as per the service manual, they drift off with age and it sounds as if your control voltage is out of range to accept initial lock.
>
> 73
>
> Andy G3UEQ
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Joel Lequiz B.
> Sent: 04 November 2010 10:46
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] please help with my ts-450s
>
>
>
>
>
>
> Yes, not solution
>
> Enviado desde mi iPhone
> 68465552
> CE2JLB
>
> El 04-11-2010, a las 3:19, "Tom Osborne" <w7why@... <mailto:w7why%40frontier.com> > escribiÃ³:
>
> > To do a reset on the '450, hold down the A=B key and turn the power
> > on.
> > That will reset the radio.
> >
> > You might have to go to the menu and do some changes after you do
> > the reset.
> > 73

> > Tom W7WHY
> >
> > ok I will seek,
> > what page?
> > thanks
> > joel
> >
> > 2010/11/3 barrie parsons <g4yjsbarrie@... <mailto:g4yjsbarrie%40sky.com> >
> >
> > > Dear OM.
> > > I would suggest trying to do a microprocessor re set.In your
> > manual it
> > > will
> > > tell you how to do this step.Most modern transceivers...and some
> > not so
> > > modern....exhibit this fault and it usually is 'fixed'by a
> > microprocessor
> > > re
> > > set.It is usuall achieved by a combination of keys for example on
> > the
> > > TS940SAT Kenwood...it is done by switching the power on at the
> > same time
> > > pressing the a=b button.I hope this helps OM and I am sure other
> > people
> > > will
> > > come up with suggestions ...good luck 73 Barrie g4yjs.
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9815. Re: Kenwood TS850s Power Connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-06 05:49:29 UTC
From: Delta
Topic: 9810 Message: 9815

Exactly! Not the cable is the problem. The chassis mount is broken...

73 de Dan YO3IBW

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> you are looking for the chassis mount, not the cable end??? right???
>
>
>
> > I wonder if some of you got a Power Cord Connector, the one on the back of
> > the rig. Mine is broken and I want to fix that. If anyone of you can help
> > me
> > with this part it would be nice.
> >
> > 73 de Dan YO3IBW
>

9816. RE: [TS-850_450_690] Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-06 12:00:17 UTC
From: Andy Hearn
Topic: 9800 Message: 9816

Joel

I will try and find my service manual, I will scan the relevant sections and e-mail them to you.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of joel
Sent: 05 November 2010 22:25
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: please help with my ts-450s

hi
please step by step how I adjust the vco, thanks
joel

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "Andy Hearn" <g3ueq@...> wrote:
>
> Joel
>
> Is the set from a smoking user, I had one and cleaned all the pcbâ€™s in the VCO area and it cured the same problem, check the VCOâ€™s are correctly set as per the service manual, they drift off with age and it sounds as if your control voltage is out of range to accept initial lock.
>
> 73
>
> Andy G3UEQ
>
>
>
> From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> [mailto:TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>] On Behalf Of Joel Lequiz B.
> Sent: 04 November 2010 10:46
> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] please help with my ts-450s
>
>
>
>
>

> Yes, not solution
>
> Enviado desde mi iPhone
> 68465552
> CE2JLB
>
> El 04-11-2010, a las 3:19, "Tom Osborne" <w7why@... <mailto:w7why%40frontier.com> >
escribiÃ³:
>
> >
> > To do a reset on the '450, hold down the A=B key and turn the power
> > on.
> > That will reset the radio.
> >
> > You might have to go to the menu and do some changes after you do
> > the reset.
> > 73
> > Tom W7WHY
> >
> > ok I will seek,
> > what page?
> > thanks
> > joel
> >
> > 2010/11/3 barrie parsons <g4yjsbarrie@... <mailto:g4yjsbarrie%40sky.com> >
> >
> > > Dear OM.
> > > I would suggest trying to do a microprocessor re set.In your
> > manual it
> > > will
> > > tell you how to do this step.Most modern transceivers...and some
> > not so
> > > modern....exhibit this fault and it usually is 'fixed'by a
> > microprocessor
> > > re
> > > set.It is usuall achieved by a combination of keys for example on
> > the
> > > TS940SAT Kenwood...it is done by switching the power on at the
> > same time
> > > pressing the a=b button.I hope this helps OM and I am sure other
> > people
> > > will
> > > come up with suggestions ...good luck 73 Barrie g4yjs.
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

9817. Re: [TS-850_450_690] Re: Kenwood TS850s Power Connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-06 12:42:07 UTC
From: Dave ve3wej
Topic: 9810 Message: 9817

have you tried to search the kenwood part number...

I may have one here, but have to go dig....

----- Original Message -----
From: "Delta" <dan@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, November 06, 2010 1:49 AM
Subject: [TS-850_450_690] Re: Kenwood TS850s Power Connector

> Exactly! Not the cable is the problem. The chassis mount is broken...
>
> 73 de Dan YO3IBW
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> you are looking for the chassis mount, not the cable end??? right???
>>
>>
>>
>> > I wonder if some of you got a Power Cord Connector, the one on the back
>> > of
>> > the rig. Mine is broken and I want to fix that. If anyone of you can
>> > help
>> > me
>> > with this part it would be nice.
>> >
>> > 73 de Dan YO3IBW
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9818. Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-06 17:07:14 UTC
From: kb1kox
Topic: 9800 Message: 9818

Joel,
In the files section,

http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/

click on ts450_690 PLL and car alignment.pdf...

By the way, I will be setting my VCO on the
"new" to me TS450 I got yesterday,
it has a "raspy,scratchy" receive audio and low
receive sensitivity, I'm hoping it just needs alignment
and is not a failing Car DDS chip....
Hope this helps...
let us know if you "cure" the Dots...

73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com, "joel" <ce2jlb@...> wrote:
>
> hi
> please step by step how I adjust the vco, thanks
> joel
>
>

9819. New Files added to Files section...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-06 17:26:53 UTC
From: kb1kox
Topic: 9819 Message: 9819

I just uploaded 2 drawings for the TS450s,
showing the adjustment test point details
and locations....
Located in
http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/

Adj drw 1 and 2...

73,
Neil
AE1P

9820. RE: [TS-850_450_690] Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-06 18:24:10 UTC
From: Andy Hearn
Topic: 9800 Message: 9820

Thanks for that Neil

I did not realise that was in there. Saves me trying to find the manual.

73

Andy G3UEQ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kb1kox
Sent: 06 November 2010 17:07
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: please help with my ts-450s

Joel,
In the files section,

http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/

click on ts450_690 PLL and car alignment.pdf...

By the way, I will be setting my VCO on the
"new" to me TS450 I got yesterday,
it has a "raspy,scratchy" receive audio and low
receive sensitivity, I'm hoping it just needs alignment
and is not a failing Car DDS chip....
Hope this helps...
let us know if you "cure" the Dots...

73
Neil
AE1P

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "joel" <ce2jlb@...> wrote:
>
> hi
> please step by step how I adjust the vco, thanks
> joel
>
>

[Non-text portions of this message have been removed]

9821. Re: [TS-850_450_690] Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-07 13:21:49 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9800 Message: 9821

thanks Nail

I believe that I found the problem, in the IF unit is 3 damaged diodes, continuity for both sides, the previous owner introduced voltage for the connector vertex.
the rele of antenna entrance is not energized, the point RL doesn't have voltage

which is the substitution?

73

2010/11/6 kb1kox <ngoodl1@...>

>
>
>
>
> Joel,
> In the files section,
>
> http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/
>
> click on ts450_690 PLL and car alignment.pdf...
>
> By the way, I will be setting my VCO on the
> "new" to me TS450 I got yesterday,
> it has a "raspy,scratchy" receive audio and low
> receive sensitivity, I'm hoping it just needs alignment
> and is not a failing Car DDS chip....
> Hope this helps...
> let us know if you "cure" the Dots...
>
> 73
> Neil
> AE1P
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "joel" <ce2jlb@...> wrote:
> >
> > hi
> > please step by step how I adjust the vco, thanks
> > joel
> >
> >

>
>
>

[Non-text portions of this message have been removed]

9822. Re: [TS-850_450_690] Re: please help with my ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-07 15:18:38 UTC
From: Joel Fco. Lequiz Beiza
Topic: 9800 Message: 9822

I can replace for 1n4148

2010/11/7 Joel Fco. Lequiz Beiza <ce2jlb@gmail.com>

> thanks Nail
>
> I believe that I found the problem, in the IF unit is 3 damaged diodes,
> continuity for both sides, the previous owner introduced voltage for the
> connector vertex.
> the rele of antenna entrance is not energized, the point RL doesn't have
> voltage
>
> which is the substitution?
>
> 73
>
>
> 2010/11/6 kb1kox <ngoodl1@...>
>
>
>>
>>
>>
>> Joel,
>> In the files section,
>>
>> http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/
>>
>> click on ts450_690 PLL and car alignment.pdf...
>>
>> By the way, I will be setting my VCO on the
>> "new" to me TS450 I got yesterday,
>> it has a "raspy,scratchy" receive audio and low
>> receive sensitivity, I'm hoping it just needs alignment
>> and is not a failing Car DDS chip....
>> Hope this helps...
>> let us know if you "cure" the Dots...
>>
>> 73
>> Neil
>> AE1P
>>
>>
>> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
>> "joel" <ce2jlb@...> wrote:

>> >
>> > hi
>> > please step by step how I adjust the vco, thanks
>> > joel
>> >
>> >
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

9823. TS-450s ,bad c-104 cap

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-08 19:35:23 UTC
From: kb1kox
Topic: 9823 Message: 9823

Just uploaded some more pics
in the Photo section
of a bad C-104 cap on the IF board
of a TS-450s.
(raspy,scratchy audio, low receive audio)

Wish I had gotten a couple of the Black "Goo"
before I cleaned the board.

73,
Neil
AE1P

9824. KENWOOD TS 850 PARTS NEEDED

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-08 23:34:51 UTC
From: eagle one
Topic: 9824 Message: 9824

Greetings. I have a Kenwood TS 850SAT which does not TX and need the :-

IC4 - Kenwood part number : YM6631. Description : IC (DDS). Location CAR unit (X50-3140-00).

Alternatively , the module that has the IC 4 is the CAR unit (part number : X50-3140-00)

If the IC is not available, then I have to replace the CAR unit.

The problem is that the the IC4 of the CAR unit does not generate the Car (carrier) signal during transmit mode. During receive mode the signal is present.

Any body has and would like to sell it, please contact me directly. Thank you and best regards.

Hanafi

9825. Moved battery in 850 and now battery is going dead

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-10 13:26:16 UTC
From: n8nma
Topic: 9825 Message: 9825

I recently moved the battery in my 850 and now the battery is going dead. Tried two batteries and it did the same thing. Holder seems to be fine. Just wondering if this problem has ever happened to anyone else.

Tom
N8NMA

9826. Re: [TS-850_450_690] Moved battery in 850 and now battery is going dead

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-10 20:29:01 UTC
From: Dave ve3wej
Topic: 9825 Message: 9826

are you soldering the battery to the new location, or using a socket.

what battery are you using.. (number on the battery)

did you double(triple)check the location of your leads to the board on the
850 to be sure you are on the correct solder pad??

----- Original Message -----
From: "n8nma" <n8nma@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, November 10, 2010 8:26 AM
Subject: [TS-850_450_690] Moved battery in 850 and now battery is going dead

>I recently moved the battery in my 850 and now the battery is going dead.
>Tried two batteries and it did the same thing. Holder seems to be fine.
>Just wondering if this problem has ever happened to anyone else.
>
> Tom
> N8NMA
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9827. Re: Moved battery in 850 and now battery is going dead

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-11 01:58:56 UTC
From: ah6rr1
Topic: 9825 Message: 9827

Do you have 2 positive wires from the battery? If I remember there are 2 positive and one negitive I did mine 3 years ago and it has been fine since.

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> are you soldering the battery to the new location, or using a socket.
>
> what battery are you using.. (number on the battery)
>
> did you double(triple)check the location of your leads to the board on the
> 850 to be sure you are on the correct solder pad??
>
>
>
> ----- Original Message -----
> From: "n8nma" <n8nma@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, November 10, 2010 8:26 AM
> Subject: [TS-850_450_690] Moved battery in 850 and now battery is going dead
>
>
> >I recently moved the battery in my 850 and now the battery is going dead.
> >Tried two batteries and it did the same thing. Holder seems to be fine.
> >Just wondering if this problem has ever happened to anyone else.
> >
> > Tom
> > N8NMA
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9828. TS-850 raspy audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-12 20:35:13 UTC
From: simon
Topic: 9828 Message: 9828

hi just got a ts-8520 and this is what it sounds like
http://www.youtube.com/watch?v=F81hkbQm84U after some research it might be the pll
alignment problem

9829. Re: [TS-850_450_690] TS-850 raspy audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-12 21:55:13 UTC
From: Dave ve3wej
Topic: 9828 Message: 9829

sounds like notch may be turned on......

----- Original Message -----
From: "simon" <ibanrzrg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 12, 2010 3:35 PM
Subject: [TS-850_450_690] TS-850 raspy audio

> hi just got a ts-8520 and this is what it sounds like
> http://www.youtube.com/watch?v=F81hkbQm84U after some research it
> might be the pll alignment problem
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9830. Re: TS-850 raspy audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-12 23:42:53 UTC
From: Steve
Topic: 9828 Message: 9830

I've had this happen before... turn off Noise Blanker #2 (NB2). That'll cure the blanking you're hearing.

73 de Steve, NL7W

--- In TS-850_450_690@yahoogroups.com, "simon" <ibanrzrg@...> wrote:
>
> hi just got a ts-8520 and this is what it sounds like http://www.youtube.com/watch?v=F81hkbQm84U after some research it might be the pll alignment problem
>

9831. TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 04:17:42 UTC
From: randyddowns
Topic: 749 Message: 9831

Anyone replace the cfl in an 850. I was wondering if a replacement has been found.
Randy
K8RDD

9832. Re: TS-850 raspy audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 09:19:53 UTC
From: pa3dsc
Topic: 9828 Message: 9832

Hallo,
I had the same problem.

Your problem is still the begin and will be more worse and the display shows only dots.

Indeed a PLL problem.

See link below I changed the capacitor and the problem was solved.

Here is the diagnose and teh repair instructions.
I followed and with succes.
http://n6tr.jzap.com/850repair.html
Look for "Raspy signals on some, or all bands. Frequency display all dots or blank."

succes Martin pa3dsc

>
> > hi just got a ts-8520 and this is what it sounds like
http://www.youtube.com/watch?v=F81hkbQm84U after some research it might be the pll
alignment problem
> >
>

9833. Re: TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 15:22:12 UTC
From: avvidclif
Topic: 749 Message: 9833

The only one I've had to replace was physically broken, is yours?

Clif

--- In TS-850_450_690@yahoogroups.com, "randyddowns" <randyddowns@...> wrote:
>
> Anyone replace the cfl in an 850. I was wondering if a replacement has been found.
> Randy
> K8RDD
>

9834. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 17:22:23 UTC
From: Dave ve3wej
Topic: 749 Message: 9834

whats a cfl... I know it as "Canadaian football league"

----- Original Message -----
From: "randyddowns" <randyddowns@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 12, 2010 11:17 PM
Subject: [TS-850_450_690] TS850

> Anyone replace the cfl in an 850. I was wondering if a replacement has
> been found.
> Randy
> K8RDD
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9835. Distorsion on receive and transmit for a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 17:36:52 UTC
From: Delta
Topic: 9835 Message: 9835

Hello everyone,

A friend of mine has a nice TS850s. In the last few days some problems occurred. To be more exactly he notice some heavy distortions on receive and almost the same phenomenon is present also on transmit.
I have listen his signal on the band and I can say that the tx distortion appear mostly when he make a break, like between words. It sounds like a kind of compression, when he's not speaking the noise appear. It sound like the distortion made by a class A CB amplifier...
I guess is from the FI area someplace. Possible one of the electrolytic capacitor got some problems...
The old fashion Kenwood TS850s electrolytic problem, heh.

What do you think? I guess is weird that the problem is also on rx as it is on tx. Did you encounter such a weirdness ?

All the best, 73
Dan YO3IBW
http://www.buz.ro

9836. Re: [TS-850_450_690] Re: TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 19:55:43 UTC
From: Randy Downs
Topic: 749 Message: 9836

No but it seems a bit dim. I have checked the supply and the voltage on the ends is around 350 volts p/p. I know the 850 has always been a bit dim for my tastes. The cap etc. are fine. I would like to retrofit a slightly brighter lamp. We have them at work for our Fanuc controls but they are a bit big. HIHI I'll have to pull it apart and measure the diameter and the length. I was hoping someone had done that so I wouldn't have to. I was also wondering if there was room for led's behind the lcd. I guess it's time to dig into it. If I had an old display I could play around with it before I do mine.
Randy
K8RDD

On Sat, Nov 13, 2010 at 10:22 AM, avvidclif <clif@avvid.com> wrote:

>
>
> The only one I've had to replace was physically broken, is yours?
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> "randyddowns" <randyddowns@...> wrote:
> >
> > Anyone replace the cfl in an 850. I was wondering if a replacement has
> been found.
> > Randy
> > K8RDD
> >
>
>
>

[Non-text portions of this message have been removed]

9837. Re: TS-850 raspy audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-13 20:03:15 UTC
From: simon
Topic: 9828 Message: 9837

i did adjust the test point to 5v it was off but is stil the same i will have to check the cps that go leaky and do set up again when i have tiem thanks for all the replys

--- In TS-850_450_690@yahoogroups.com, "pa3dsc" <pa3dsc@...> wrote:
>
>
> Hallo,
> I had the same problem.
>
> Your problem is still the begin and will be more worse and the display shows only dots.
>
> Indeed a PLL problem.
>
> See link below I changed the capacitor and the problem was solved.
>
> Here is the diagnose and teh repair instructions.
> I followed and with succes.
> http://n6tr.jzap.com/850repair.html
> Look for "Raspy signals on some, or all bands. Frequency display all dots or blank."
>
> succes Martin pa3dsc
>
> >
> > > hi just got a ts-8520 and this is what it sounds like http://www.youtube.com/watch?v=F81hkbQm84U after some research it might be the pll alignment problem
> > >
> >
>

9838. Re: [TS-850_450_690] Re: TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-14 04:42:43 UTC
From: Dave ve3wej
Topic: 749 Message: 9838

have you verified the "dim" switch on the left side front face is not depressed...

----- Original Message -----
From: "Randy Downs" <randyddowns@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, November 13, 2010 2:55 PM
Subject: Re: [TS-850_450_690] Re: TS850

> No but it seems a bit dim. I have checked the supply and the voltage on
> the
> ends is around 350 volts p/p. I know the 850 has always been a bit dim for
> my tastes. The cap etc. are fine. I would like to retrofit a slightly
> brighter lamp. We have them at work for our Fanuc controls but they are a
> bit big. HIHI I'll have to pull it apart and measure the diameter and
> the
> length. I was hoping someone had done that so I wouldn't have to. I was
> also
> wondering if there was room for led's behind the lcd. I guess it's time to
> dig into it. If I had an old display I could play around with it before I
> do
> mine.
> Randy
> K8RDD
>
> On Sat, Nov 13, 2010 at 10:22 AM, avvidclif <clif@...> wrote:
>
>>
>>
>> The only one I've had to replace was physically broken, is yours?
>>
>> Clif
>>
>>
>> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
>> "randyddowns" <randyddowns@...> wrote:
>> >
>> > Anyone replace the cfl in an 850. I was wondering if a replacement has
>> been found.
>> > Randy
>> > K8RDD
>> >
>>
>>
>>

>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9839. Re: [TS-850_450_690] Re: TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-14 13:58:28 UTC
From: Randy Downs
Topic: 749 Message: 9839

Yes.
Randy
K8RDD

On Sat, Nov 13, 2010 at 11:42 PM, Dave ve3wej <ve3wej@gmail.com> wrote:

>
>
> have you verified the "dim" switch on the left side front face is not
> depressed...
>
>
> ----- Original Message -----
> From: "Randy Downs" <randyddowns@... <randyddowns%40gmail.com>>
> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> Sent: Saturday, November 13, 2010 2:55 PM
> Subject: Re: [TS-850_450_690] Re: TS850
>
> > No but it seems a bit dim. I have checked the supply and the voltage on
> > the
> > ends is around 350 volts p/p. I know the 850 has always been a bit dim
> for
> > my tastes. The cap etc. are fine. I would like to retrofit a slightly
> > brighter lamp. We have them at work for our Fanuc controls but they are a
> > bit big. HIHI I'll have to pull it apart and measure the diameter and
> > the
> > length. I was hoping someone had done that so I wouldn't have to. I was
> > also
> > wondering if there was room for led's behind the lcd. I guess it's time
> to
> > dig into it. If I had an old display I could play around with it before I
>
> > do
> > mine.
> > Randy
> > K8RDD
> >
> > On Sat, Nov 13, 2010 at 10:22 AM, avvidclif <clif@...<clif%40avvid.com>>
> wrote:
> >
> >>
> >>
> >> The only one I've had to replace was physically broken, is yours?
> >>
> >> Clif

> >>
> >>
> >> --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>,
>
> >> "randyddowns" <randyddowns@...> wrote:
> >> >
> >> > Anyone replace the cfl in an 850. I was wondering if a replacement has
> >> been found.
> >> > Randy
> >> > K8RDD
> >> >
> >>
> >>
> >>
> >>
> >>
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

9840. Re: TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-14 22:57:16 UTC
From: avvidclif
Topic: 749 Message: 9840

Most of the ones I've seen that were dim came from a smoking environment. Residue on the display and the tube.... The voltage is OK.

Clif

--- In TS-850_450_690@yahoogroups.com, Randy Downs <randyddowns@...> wrote:
>
> Yes.
> Randy
> K8RDD
>
> On Sat, Nov 13, 2010 at 11:42 PM, Dave ve3wej <ve3wej@...> wrote:
>
> >
> >
> > have you verified the "dim" switch on the left side front face is not
> > depressed...
> >
> >
> > ----- Original Message -----
> > From: "Randy Downs" <randyddowns@... <randyddowns%40gmail.com>>
> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > Sent: Saturday, November 13, 2010 2:55 PM
> > Subject: Re: [TS-850_450_690] Re: TS850
> >
> > > No but it seems a bit dim. I have checked the supply and the voltage on
> > > the
> > > ends is around 350 volts p/p. I know the 850 has always been a bit dim
> > for
> > > my tastes. The cap etc. are fine. I would like to retrofit a slightly
> > > brighter lamp. We have them at work for our Fanuc controls but they are a
> > > bit big. HIHI I'll have to pull it apart and measure the diameter and
> > > the
> > > length. I was hoping someone had done that so I wouldn't have to. I was
> > > also
> > > wondering if there was room for led's behind the lcd. I guess it's time
> > to
> > > dig into it. If I had an old display I could play around with it before I
> >
> > > do
> > > mine.
> > > Randy
> > > K8RDD
> > >
> > > On Sat, Nov 13, 2010 at 10:22 AM, avvidclif <clif@...<clif%40avvid.com>>

> > wrote:
> > >
> > >>
> > >>
> > >> The only one I've had to replace was physically broken, is yours?
> > >>
> > >> Clif
> > >>
> > >>
> > >> --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> > 40yahoogroups.com>,
> > >
> > >> "randyddowns" <randyddowns@> wrote:
> > >> >
> > >> > Anyone replace the cfl in an 850. I was wondering if a replacement has
> > >> been found.
> > >> > Randy
> > >> > K8RDD
> > >> >
> > >>
> > >>
> > >>
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> > >
> > >
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9841. VOX sensitivity problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 17:49:51 UTC
From: w0iea
Topic: 9841 Message: 9841

I recently purchased a TS-450 and everything works great except for the VOX circuit. At max gain, the vox won't key up at normal voice levels. It will key with loud voice. The audio level for normal communications is set to about the 9 oclock position. On air audio reports are very good. I have not opened the radio yet. I am guessing the problem is in the Q73 area.
Any advise would be appreciated.
Thanks in advance.
Jack

9842. Re: VOX sensitivity problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 18:01:05 UTC
From: avvidclif
Topic: 9841 Message: 9842

Where is the Anti-VOX set?

Clif

--- In TS-850_450_690@yahoogroups.com, "w0iea" <jackw0iea@...> wrote:
>
> I recently purchased a TS-450 and everything works great except for the VOX circuit. At max gain, the vox won't key up at normal voice levels. It will key with loud voice. The audio level for normal communications is set to about the 9 oclock position. On air audio reports are very good. I have not opened the radio yet. I am guessing the problem is in the Q73 area.
> Any advise would be appreciated.
> Thanks in advance.
> Jack
>

9843. New Member Looking for nice TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 19:46:46 UTC
From: k4zot
Topic: 9843 Message: 9843

HI:

I am a new member on the Group. I currently own two TS-830S and I am interested in upgrading to a TS-450S mainly in order to use computer control with HRD. I am retired and as always price is a concern. I would like to purchase the rig and PS. Any assistance would be appreciated.

Thanks,

Glenn
K4ZOT

9844. Re: [TS-850_450_690] VOX sensitivity problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 20:06:40 UTC
From: Tom Osborne
Topic: 9841 Message: 9844

Hi Jack

Kinda sounds like maybe the anti-vox is set too high. Did you try it with the headphones plugged in, or just with the speaker. If the anti-vox is set too high, ti won't key. 73
Tom W7WHY

I recently purchased a TS-450 and everything works great except for the VOX circuit. At max gain, the vox won't key up at normal voice levels. It will key with loud voice. The audio level for normal communications is set to about the 9 oclock position. On air audio reports are very good. I have not opened the radio yet. I am guessing the problem is in the Q73 area.
Any advise would be appreciated.
Thanks in advance.
Jack

9845. Re: [TS-850_450_690] New Member Looking for nice TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 20:31:45 UTC
From: Dave ve3wej
Topic: 9843 Message: 9845

have you checked the swaps, a good place to start also

----- Original Message -----
From: "k4zot" <packardg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 15, 2010 2:46 PM
Subject: [TS-850_450_690] New Member Looking for nice TS-450S

> HI:
>
> I am a new member on the Group. I currently own two TS-830S and I am
> interested in upgrading to a TS-450S mainly in order to use computer
> control with HRD. I am retired and as always price is a concern. I would
> like to purchase the rig and PS. Any assistance would be appreciated.
>
> Thanks,
>
> Glenn
> K4ZOT
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9846. Re: VOX sensitivity problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 21:24:50 UTC
From: w0iea
Topic: 9841 Message: 9846

I have run the anti-vox through it's range with no effect. If I turn down the vox gain, it won't key on loud voice so it all seems to be working except not enough gain.
Thanks for your reply.
Jack

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Where is the Anti-VOX set?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "w0iea" <jackw0iea@> wrote:
> >
> > I recently purchased a TS-450 and everything works great except for the VOX circuit. At max gain, the vox won't key up at normal voice levels. It will key with loud voice. The audio level for normal communications is set to about the 9 oclock position. On air audio reports are very good. I have not opened the radio yet. I am guessing the problem is in the Q73 area.
> > Any advise would be appreciated.
> > Thanks in advance.
> > Jack
> >
>

9847. Re: VOX sensitivity problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 21:27:33 UTC
From: w0iea
Topic: 9841 Message: 9847

Hi Tom
Cliff asked the same question. It's not caused by the anti-vox. I am using a Heil Pro head set.
Thanks
Jack

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Jack
>
> Kinda sounds like maybe the anti-vox is set too high. Did you try it with
> the headphones plugged in, or just with the speaker. If the anti-vox is set
> too high, ti won't key. 73
> Tom W7WHY
>
>
> I recently purchased a TS-450 and everything works great except for the VOX
> circuit. At max gain, the vox won't key up at normal voice levels. It will
> key with loud voice. The audio level for normal communications is set to
> about the 9 oclock position. On air audio reports are very good. I have not
> opened the radio yet. I am guessing the problem is in the Q73 area.
> Any advise would be appreciated.
> Thanks in advance.
> Jack
>

9848. Re: [TS-850_450_690] New Member Looking for nice TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 22:47:22 UTC
From: Howard Roland
Topic: 9843 Message: 9848

To Glenn K4ZOT -

Welcome to the group... my first HF rig was (I still have it) also a Kenwood TS-830S.

I have a very nice Kenwood TS-690S that I might consider parting with. It is identical to a TS-450, but with the addition of 6 meters. Runs great, looks great, original factory box set, power cable, mic, etc. If you'd like more info or to talk, my email is good on QRZ.

73,
Howard
KI4LWA

--- On Mon, 11/15/10, k4zot <packardg@...> wrote:

From: k4zot <packardg@...>
Subject: [TS-850_450_690] New Member Looking for nice TS-450S
To: TS-850_450_690@yahoogroups.com
Date: Monday, November 15, 2010, 2:46 PM

HI:

I am a new member on the Group. I currently own two TS-830S and I am interested in upgrading to a TS-450S mainly in order to use computer control with HRD. I am retired and as always price is a concern. I would like to purchase the rig and PS. Any assistance would be appreciated.

Thanks,

Glenn

K4ZOT

[Non-text portions of this message have been removed]

9849. Re: [TS-850_450_690] New Member Looking for nice TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-15 23:11:11 UTC
From: Zack Widup
Topic: 9843 Message: 9849

I use a Kenwood TS-850 but that would be overkill for listening to numbers stations alone. It's also a great contesting radio.

You should have no trouble hearing most of the M08 and V02 transmissions from Cuba. Also many of the E10 transmissions by Mossad.

73, Zack W9SZ

On Mon, Nov 15, 2010 at 4:47 PM, Howard Roland <howardzmail@...>wrote:

>
>
> To Glenn K4ZOT -
>
> Welcome to the group... my first HF rig was (I still have it) also a
> Kenwood TS-830S.
>
> I have a very nice Kenwood TS-690S that I might consider parting with. It
> is identical to a TS-450, but with the addition of 6 meters. Runs great,
> looks great, original factory box set, power cable, mic, etc. If you'd like
> more info or to talk, my email is good on QRZ.
>
> 73,
> Howard
> KI4LWA
>
>
> --- On Mon, 11/15/10, k4zot <packardg@bellsouth.net<packardg%40bellsouth.net>>
> wrote:
>
> From: k4zot <packardg@bellsouth.net <packardg%40bellsouth.net>>
> Subject: [TS-850_450_690] New Member Looking for nice TS-450S
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Monday, November 15, 2010, 2:46 PM
>
>
>
>
>
> HI:
>
> I am a new member on the Group. I currently own two TS-830S and I am
> interested in upgrading to a TS-450S mainly in order to use computer control
> with HRD. I am retired and as always price is a concern. I would like to
> purchase the rig and PS. Any assistance would be appreciated.
>
> Thanks,

>
> Glenn
>
> K4ZOT
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9850. ts-850 repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 02:06:09 UTC
From: alk0frp@comcast.net
Topic: 9850 Message: 9850

I have a TS-850 with a blown pin diode due to a proximity hit about 3 years ago.
I have been in financial problems and just getting out of the hole. I can not find the pin diode to repair plus I need other repairs done. Who out here does this repair. I no longer can get Bill Leahy K0ZL in the Denver area as he is a SK.
Bill had a Full Monte for the 850 but not all modes need to be installed.
I repair radios but this is a bit above me. As my expertise is not that well tuned.

Please advise Al K0FRP

[Non-text portions of this message have been removed]

9851. RE: [TS-850_450_690] ts-850 repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 03:53:56 UTC
From: Ron Potter
Topic: 9850 Message: 9851

I highly recommend Clif at AVVid - http://www.avvid.com/

73 - Ron - AG1P

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of alk0frp@...
Sent: Monday, November 15, 2010 8:06 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts-850 repair

I have a TS-850 with a blown pin diode due to a proximity hit about 3 years
ago.
I have been in financial problems and just getting out of the hole. I can
not find the pin diode to repair plus I need other repairs done. Who out
here does this repair. I no longer can get Bill Leahy K0ZL in the Denver
area as he is a SK.
Bill had a Full Monte for the 850 but not all modes need to be installed.
I repair radios but this is a bit above me. As my expertise is not that well
tuned.

Please advise Al K0FRP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9852. Re: ts-850 repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 04:13:28 UTC
From: Scott
Topic: 9850 Message: 9852

I just had Mike Nadeau, N1EQ work on my 850. Also had him do work on a 450. He is thorough, fast (will have it back to you within a week), and very reasonable. Check out his reviews on eham.. a perfect 5.0. He is very knowledgeable on Kenwoods. Take care, Scott

http://www.n1eq.com/main/page_home.html

--- In TS-850_450_690@yahoogroups.com, alk0frp@... wrote:
>
> I have a TS-850 with a blown pin diode due to a proximity hit about 3 years ago.
> I have been in financial problems and just getting out of the hole. I can not find the pin diode to repair plus I need other repairs done. Who out here does this repair. I no longer can get Bill Leahy K0ZL in the Denver area as he is a SK.
> Bill had a Full Monte for the 850 but not all modes need to be installed.
> I repair radios but this is a bit above me. As my expertise is not that well tuned.
>
>
> Please advise Al K0FRP
>
> [Non-text portions of this message have been removed]
>

9853. Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 22:03:26 UTC
From: w7smj
Topic: 9853 Message: 9853

Hi Group,

I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.

I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.

My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?

Thanks & 73,
Scott

9854. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 22:36:43 UTC
From: ah6rr1
Topic: 9853 Message: 9854

If I could I would buy another high serial in a heart beat if the price is right. I would take a new 590 if anyone wants to give me one:) also. I have a 5Mil 850 and would not let it go.

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> Hi Group,
>
> I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.
>
> I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.
>
> My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?
>
> Thanks & 73,
> Scott
>

9855. RE: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 22:46:16 UTC
From: john ferro
Topic: 9853 Message: 9855

the 850 is ok, why don't you just buy a new flex? - the if hookup can be a hassle, plus you won't be able to use all the features of the power sdr software. buy a 3000 or flex 5000, or even a used sdr-1000 and have the best of all worlds.

To: TS-850_450_690@yahoogroups.com
From: Toesonnose@hawaii.rr.com
Date: Tue, 16 Nov 2010 22:36:43 +0000
Subject: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

If I could I would buy another high serial in a heart beat if the price is right. I would take a new 590 if anyone wants to give me one:) also. I have a 5Mil 850 and would not let it go.

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:

>

> Hi Group,

>

> I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.

>

> I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.

>

> My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?

>

> Thanks & 73,

> Scott

>

[Non-text portions of this message have been removed]

9856. Re: [TS-850_450_690] Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 23:06:44 UTC
From: Randy Downs
Topic: 9853 Message: 9856

Just bought an 850 about 2 weeks ago. I'm using N8LP's pana and PwrSdirIf. Works great. I was using a K3 (actually had 2) and loved the rig BUT I couldn't see the investment in the K3. I settled for a 80 mil s/n 850. About $900 invested in the rig and the pana. I'll keep it and wait and see what happens in the sdr world. I do work on my own stuff, and have had many rigs including 850's. I was using a 440 which I tapped the if and used the pana. A friend has it now. When I see Phil's sdr is finished I'll look at that. I know of many 850's still playing fine.
Randy
K8RDD

On Tue, Nov 16, 2010 at 5:03 PM, w7smj <w7smj@...> wrote:

>
>
> Hi Group,
>
> I'm interested in getting into some SDR aspects and the TS-850S makes that
> an easy proposition through the IF out jack. The great receiver qualities of
> the 850 would be icing on the cake.
>
> I'm concerned about the age of most rigs and the fact that it seems the DDS
> chips being a common point of failure are no longer available.
>
> My question is: Would you risk purchasing a higher serial number TS-850S
> today. Do you have any opinions on the long term reliability of the current
> TS-850S population?
>
> Thanks & 73,
> Scott
>
>
>

[Non-text portions of this message have been removed]

9857. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 23:25:44 UTC
From: w7smj
Topic: 9853 Message: 9857

I have definitely considered a Flex, but I can't justify the price tag of a 3000 let alone a 5000 when I already have three good transceivers. I have a mint 450 that I'm considering selling to partially fund the purchase of an 850 but I hate to let the 450 go...

9858. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 23:28:14 UTC
From: w7smj
Topic: 9853 Message: 9858

Ahhh, no IF out on the 590... What would a right price be? How low a serial number would you go?

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> If I could I would buy another high serial in a heart beat if the price is right. I would take a new 590 if anyone wants to give me one:) also. I have a 5Mil 850 and would not let it go.

>

9859. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-16 23:33:33 UTC
From: w7smj
Topic: 9853 Message: 9859

I'm thinking about the exact setup or perhaps an SDR-IQ instead of the LP-PAN.

Perhaps I should just tap the 450 IF to get started...

--- In TS-850_450_690@yahoogroups.com, Randy Downs <randyddowns@...> wrote:
>
> Just bought an 850 about 2 weeks ago. I'm using N8LP's pana and PwrSdirIf.
> Works great. I was using a K3 (actually had 2) and loved the rig BUT I
> couldn't see the investment in the K3. I settled for a 80 mil s/n 850. About
> $900 invested in the rig and the pana. I'll keep it and wait and see what
> happens in the sdr world. I do work on my own stuff, and have had many rigs
> including 850's. I was using a 440 which I tapped the if and used the pana.
> A friend has it now. When I see Phil's sdr is finished I'll look at that. I
> know of many 850's still playing fine.
> Randy
> K8RDD
>

9860. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 00:39:40 UTC
From: ah6rr1
Topic: 9853 Message: 9860

5 mil is as low as I would go that's when I believe they started putting in the newer DDS chips.

73
Roland AH6RR
--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> Ahhh, no IF out on the 590... What would a right price be? How low a serial number would you go?
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > If I could I would buy another high serial in a heart beat if the price is right. I would take a new 590 if anyone wants to give me one:) also. I have a 5Mil 850 and would not let it go.
>
> >
> >
>

9861. RE: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 00:06:52 UTC
From: john ferro
Topic: 9853 Message: 9861

remember an sdr-iq is going to set you back 500 bucks, plus everything else to connect it and get it working - you might pay a bit more for a flex 3000, but much less hassle, less wires and less space. in the end you'll be happier.

To: TS-850_450_690@yahoogroups.com
From: w7smj@...
Date: Tue, 16 Nov 2010 23:28:14 +0000
Subject: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

Ahhh, no IF out on the 590... What would a right price be? How low a serial number would you go?

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:

>

> If I could I would buy another high serial in a heart beat if the price is right. I would take a new 590 if anyone wants to give me one:) also. I have a 5Mil 850 and would not let it go.

>

[Non-text portions of this message have been removed]

9862. RE: [TS-850_450_690] Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 01:11:38 UTC
From: Curt Wilbur
Topic: 9853 Message: 9862

The serial number of my 850 is in the middle 50 million range. I've had to replace the battery and adjust a couple of voltage settings. I've also had some mods performed (CW sidetone now available on the MONI control, etc.). As one other respondent said, I'm also hoping to get a new 590, but my 850 is staying right here. If you can find one in good condition in the upper serial number ranges, I would say it's worth the "risk".

73 de Curt K7CU
VP, Utah DX Association

CQ Magazine Awards Checkpoint

To: TS-850_450_690@yahoogroups.com
From: w7smj@...
Date: Tue, 16 Nov 2010 22:03:26 +0000
Subject: [TS-850_450_690] Advice - Would you buy an 850 today?

Hi Group,

I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.

I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.

My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?

Thanks & 73,

Scott

[Non-text portions of this message have been removed]

9863. RE: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 02:08:51 UTC
From: Brian Mohr
Topic: 9853 Message: 9863

Yes I would!!! I just bought mine 4 months ago and absolutely love it! Would do it all again. By the way mine was one of the last ones made..

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of john ferro
Sent: Tuesday, November 16, 2010 7:07 PM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

remember an sdr-iq is going to set you back 500 bucks, plus everything else to connect it and get it working - you might pay a bit more for a flex 3000, but much less hassle, less wires and less space. in the end you'll be happier.

To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

From: w7smj@... <mailto:w7smj%40yahoo.com>
Date: Tue, 16 Nov 2010 23:28:14 +0000
Subject: [TS-850_450_690] Re: Advice - Would you buy an 850 today?

Ahhh, no IF out on the 590... What would a right price be? How low a serial number would you go?

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "ah6rr1" <Toesonnose@...> wrote:

>

> If I could I would buy another high serial in a heart beat if the price is right. I would take a new 590 if anyone wants to give me one:) also. I have a 5Mil 850 and would not let it go.

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9864. Re: [TS-850_450_690] Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 02:38:52 UTC
From: Alan Riley
Topic: 9853 Message: 9864

I bought my 30 mil s/n TS-850 new in January, 1993. It's been a great radio and I have absolutely no regrets over buying it
and would do so again without hesitation.

I've replaced/relocated the battery and replaced all caps on the carrier board and on the display board as well as all caps associated
with the audio output stage. The only mods I've done have been the cw sidetone monitoring mod and the noise blanker mod.

If a late s/n 850 comes along at the right price (and the XYL isn't looking), I'll probably pick it up to keep this one company.

73,
Alan, KD5R

P.S. Bill Gates obviously isn't a ham...the spell checker wanted to replace "cw" with "cow".

----- Original Message -----
From: w7smj
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 16, 2010 4:03 PM
Subject: [TS-850_450_690] Advice - Would you buy an 850 today?

Hi Group,

I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.

I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.

My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?

Thanks & 73,
Scott

[Non-text portions of this message have been removed]

9865. RE: [TS-850_450_690] Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 02:56:15 UTC
From: john ferro
Topic: 9853 Message: 9865

the 850 is a great rig, but if you want the whole sdr experience, go with the sdr. fun stuff!

To: TS-850_450_690@yahoogroups.com
From: arr44@suddenlink.net
Date: Tue, 16 Nov 2010 20:38:52 -0600
Subject: Re: [TS-850_450_690] Advice - Would you buy an 850 today?

I bought my 30 mil s/n TS-850 new in January, 1993. It's been a great radio and I have absolutely no regrets over buying it

and would do so again without hesitation.

I've replaced/relocated the battery and replaced all caps on the carrier board and on the display board as well as all caps associated

with the audio output stage. The only mods I've done have been the cw sidetone monitoring mod and the noise blanker mod.

If a late s/n 850 comes along at the right price (and the XYL isn't looking), I'll probably pick it up to keep this one company.

73,

Alan, KD5R

P.S. Bill Gates obviously isn't a ham...the spell checker wanted to replace "cw" with "cow".

----- Original Message -----

From: w7smj

To: TS-850_450_690@yahoogroups.com

Sent: Tuesday, November 16, 2010 4:03 PM

Subject: [TS-850_450_690] Advice - Would you buy an 850 today?

Hi Group,

I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.

I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.

My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?

Thanks & 73,

Scott

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9866. Implementing MONI style functionality in the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 02:37:44 UTC
From: Ron
Topic: 9866 Message: 9866

I recently picked up a TS-450 and overall I am very pleased with it, however, I am dismayed to discover that there is no MONI function for transmit audio. Has anyone ever thought to implement a mod for the 450 to produce some sort of equivalent of the MONI on the TS-850 and other radios?

Curiously,
Ron
WQ6X

9867. Re: [TS-850_450_690] Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 13:33:24 UTC
From: crownhaven
Topic: 9853 Message: 9867

I bought another TS850 about a year ago. It came with new chips that weren't installed. My original 850 that I bought new with the old chips still runs great. The original one has been to Kenwood at least twice and Avvid once I think. They do break and I'm not a tech. As long as Clif at Avvid is around, I will keep mine. I had an encoder go on mine and the part was discontinued but I found one on the web. Also found a tuner for the new one which didn't have one. Put that in myself after getting a longer cable from Avvid.

I guess it just depends on how much you enjoy them.

Steve, N4JQQ

"Lack of money is the root of all

evil." S.C.

From: Alan Riley <arr44@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, November 16, 2010 8:38:52 PM
Subject: Re: [TS-850_450_690] Advice - Would you buy an 850 today?

I bought my 30 mil s/n TS-850 new in January, 1993. It's been a great radio and I have absolutely no regrets over buying it

and would do so again without hesitation.

I've replaced/relocated the battery and replaced all caps on the carrier board and on the display board as well as all caps associated
with the audio output stage. The only mods I've done have been the cw sidetone monitoring mod and the noise blanker mod.

If a late s/n 850 comes along at the right price (and the XYL isn't looking), I'll probably pick it up to keep this one company.

73,
Alan, KD5R

P.S. Bill Gates obviously isn't a ham...the spell checker wanted to replace "cw" with "cow".

----- Original Message -----
From: w7smj
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 16, 2010 4:03 PM
Subject: [TS-850_450_690] Advice - Would you buy an 850 today?

Hi Group,

I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.

I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.

My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?

Thanks & 73,
Scott

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9868. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 23:30:57 UTC
From: w7smj
Topic: 9853 Message: 9868

Thanks for the feedback, I appreciate it!

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> Hi Group,
>
> I'm interested in getting into some SDR aspects and the TS-850S makes that an easy proposition through the IF out jack. The great receiver qualities of the 850 would be icing on the cake.
>
> I'm concerned about the age of most rigs and the fact that it seems the DDS chips being a common point of failure are no longer available.
>
> My question is: Would you risk purchasing a higher serial number TS-850S today. Do you have any opinions on the long term reliability of the current TS-850S population?
>
> Thanks & 73,
> Scott
>

9869. Re: [TS-850_450_690] Implementing MONI style functionality in the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-17 23:42:11 UTC
From: Kurt Cathcart, KR2C
Topic: 9866 Message: 9869

I have an aftermarket on installed in my 450. I thinks INRAD made it.

-Kurt
KR2C

On 11/16/2010 9:37 PM, Ron wrote:
>
> I recently picked up a TS-450 and overall I am very pleased with it,
> however, I am dismayed to discover that there is no MONI function for
> transmit audio. Has anyone ever thought to implement a mod for the 450
> to produce some sort of equivalent of the MONI on the TS-850 and other
> radios?
>
> Curiously,
> Ron
> WQ6X
>
>

[Non-text portions of this message have been removed]

9870. Re: Advice - Would you buy an 850 today?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-18 02:22:10 UTC
From: Bryan
Topic: 9853 Message: 9870

No, I wouldn't... I already have one! da-dum!

73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> My question is: Would you risk purchasing a higher serial number TS-850S today.

9871. filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-18 19:30:34 UTC
From: espedito rizzuti
Topic: 9871 Message: 9871

1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
someone used them can tell me which you prefer?

9872. Re: [TS-850_450_690] filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-18 20:19:55 UTC
From: Dave ve3wej
Topic: 9871 Message: 9872

I think mine are 1.8, buit at 8.83, not 455, not sure what the filter is on the 455, but I thought it was a cw filter range.

your making me wonder now

----- Original Message -----
From: "espedito rizzuti" <ik8vze@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, November 18, 2010 2:30 PM
Subject: [TS-850_450_690] filter inrad

> 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
> someone used them can tell me which you prefer?
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9873. Re: [TS-850_450_690] filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-18 20:36:26 UTC
From: Michael Harla
Topic: 9871 Message: 9873

I have used the Inrad 2.1 with the Kenwood 1.8 in my TS-450 8.83MHz
stage, and preferred the Inrad. Although the 'nose' of the Kenwood's
response might be narrower, the adjacent-frequency rejection seemed
about the same, bottom line the Inrad seems to pass more useable
audio.

Right now I'm using the Inrad 2.8 with a CW filter in the other 8.83
position; for a SSB contest I'd be inclined to run the two Inrads 2.8
and 2.1.

Mike, n2mho in NJ
****

On Thu, Nov 18, 2010 at 3:19 PM, Dave ve3wej <ve3wej@...> wrote:
>
>
>
> I think mine are 1.8, buit at 8.83, not 455, not sure what the filter is on
> the 455, but I thought it was a cw filter range.
>
> your making me wonder now
>
> ----- Original Message -----
> From: "espedito rizzuti" <ik8vze@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, November 18, 2010 2:30 PM
> Subject: [TS-850_450_690] filter inrad
>
> > 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
> > someone used them can tell me which you prefer?

9874. Re: [TS-850_450_690] filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-18 20:29:30 UTC
From: iz1mkz enrico
Topic: 9871 Message: 9874

>> 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB

I find 1,8 too narrow for ssb.
Does not help that much and audio becomes tiring.
It's very subjective, anyway.

Ciao
73
Enrico

.

9875. Re: [TS-850_450_690] filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-18 21:00:29 UTC
From: Mel Cruts
Topic: 9871 Message: 9875

Hi,
I have used 1800 hz filter on TS-450SAT and 2100HZ filter on TS-690. I much prefer the 2100Hz filter. If you're public service oriented and spend some time on nets you'll find that we have more yl and xyl participation and the extra 300Hz is especially important to making the female voice more understandable.
73,
Mel - KF6OZ

On Thu, 2010-11-18 at 19:30 +0000, espedito rizzuti wrote:

>
>
> 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
> someone used them can tell me which you prefer?
>
>
>
>
>

[Non-text portions of this message have been removed]

9876. TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-19 02:19:13 UTC
From: Alex
Topic: 9876 Message: 9876

Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution.

Hope Cliff can give me advise also,or anyone with this probelem before.

Thank you,
Alex
DV1TBX

9877. Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-19 15:18:09 UTC
From: avvidclif
Topic: 9876 Message: 9877

Shorted BPF diode on the RF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
> Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution.
>
> Hope Cliff can give me advise also,or anyone with this probelem before.
>
> Thank you,
> Alex
> DV1TBX
>

9878. Re: filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-19 16:12:12 UTC
From: ah6rr1
Topic: 9871 Message: 9878

I have the 2.1Hz Inrads in both IF's of my 850 tried the 1.8 Kenwood and Inrad the audio passband is to narrow and if you do any contesting like I do it is very tiring on the ears. The 2.1hz is so much better and I would recommend them over the 1.8Hz and over any Kenwood filter.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Mel Cruts <mel@...> wrote:
>
> Hi,
> I have used 1800 hz filter on TS-450SAT and 2100HZ filter on TS-690. I
> much prefer the 2100Hz filter. If you're public service oriented and
> spend some time on nets you'll find that we have more yl and xyl
> participation and the extra 300Hz is especially important to making the
> female voice more understandable.
> 73,
> Mel - KF6OZ
>
> On Thu, 2010-11-18 at 19:30 +0000, espedito rizzuti wrote:
>
> > >
> > >
> > > 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
> > > someone used them can tell me which you prefer?
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >

9879. Re: filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-19 19:53:19 UTC
From: espedito rizzuti
Topic: 9871 Message: 9879

I wanted also to know the net I found some of the same feelings om, much more 'spread is 2.1 Hz, however, is a good choice thanks to all who answered me on my post tnx 73 de ik8vze

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> I have the 2.1Hz Inrads in both IF's of my 850 tried the 1.8 Kenwood and Inrad the audio passband is to narrow and if you do any contesting like I do it is very tiring on the ears. The 2.1hz is so much better and I would recommend them over the 1.8Hz and over any Kenwood filter.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, Mel Cruts <mel@> wrote:
> >
> > Hi,
> > I have used 1800 hz filter on TS-450SAT and 2100HZ filter on TS-690. I
> > much prefer the 2100Hz filter. If you're public service oriented and
> > spend some time on nets you'll find that we have more yl and xyl
> > participation and the extra 300Hz is especially important to making the
> > female voice more understandable.
> > 73,
> > Mel - KF6OZ
> >
> > On Thu, 2010-11-18 at 19:30 +0000, espedito rizzuti wrote:
> >
> > >
> > >
> > > 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
> > > someone used them can tell me which you prefer?
> > >
> > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

9880. Re: [TS-850_450_690] Re: filter inrad

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-19 23:09:44 UTC
From: Crownhaven
Topic: 9871 Message: 9880

Roland, how does the roofing filter you installed affect the performance
of the other filters, if at all??????

Steve, N4JQQ

On 11/19/2010 1:53 PM, espedito rizzuti wrote:
>
> I wanted also to know the net I found some of the same feelings om,
> much more 'spread is 2.1 Hz, however, is a good choice thanks to all
> who answered me on my post tnx 73 de ik8vze
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "ah6rr1" <Toesonnose@...>
> wrote:
> >
> > I have the 2.1Hz Inrads in both IF's of my 850 tried the 1.8 Kenwood
> and Inrad the audio passband is to narrow and if you do any contesting
> like I do it is very tiring on the ears. The 2.1hz is so much better
> and I would recommend them over the 1.8Hz and over any Kenwood filter.
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Mel Cruts <mel@> wrote:
> > >
> > > Hi,
> > > I have used 1800 hz filter on TS-450SAT and 2100HZ filter on TS-690. I
> > > much prefer the 2100Hz filter. If you're public service oriented and
> > > spend some time on nets you'll find that we have more yl and xyl
> > > participation and the extra 300Hz is especially important to
> making the
> > > female voice more understandable.
> > > 73,
> > > Mel - KF6OZ
> > >
> > > On Thu, 2010-11-18 at 19:30 +0000, espedito rizzuti wrote:
> > >
> > > >
> > > >
> > > > 1800 Hz 455 kHz SSB or 2100 Hz 455 kHz SSB
> > > > someone used them can tell me which you prefer?
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >

> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>

[Non-text portions of this message have been removed]

9881. Another serial number post

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-20 07:20:14 UTC
From: w7smj
Topic: 9881 Message: 9881

Hi Group,

I decided to take a chance and purchased an 850. The rig was reported as working great and I'm anxiously awaiting it's arrival.

I am a little perplexed by the serial number though. The rig I purchased has a 70300158 serial number. The previous owner stated that he purchased the rig new in January 1990.

I know the conventional wisdom says that with that serial number the rig was produced in March of 1995, but I doubt the previous owner is off in his recollection by five years. (I hope he is though!)

I have seen other posts that indicate the serial number is based on the reign of the Japanese emperor or that you cannot base manufacture date by the serial number and that Kenwood only knows for sure.

I thought one way to either prove or disprove the subtract two years from the first digit hypothesis is to publish some data so I'm requesting that anyone who knows for a fact when their rig was purchased new reply with the purchase date and serial number.

I purchased my 450 in October 1995 and it has a 60300108 serial number which would seem to fit the subtract two rule.

Thanks for your help and 73,
Scott

9882. Re: [TS-850_450_690] Another serial number post

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-20 12:57:32 UTC
From: Randy Downs
Topic: 9881 Message: 9882

Scott, you were the one that bought it off of Ebay ? I was watching that one. I have an 8x, should be last year built, 1996. I think he is confused.
Randy
K8RDD

On Sat, Nov 20, 2010 at 2:20 AM, w7smj <w7smj@...> wrote:

>
>
> Hi Group,
>
> I decided to take a chance and purchased an 850. The rig was reported as
> working great and I'm anxiously awaiting it's arrival.
>
> I am a little perplexed by the serial number though. The rig I purchased
> has a 70300158 serial number. The previous owner stated that he purchased
> the rig new in January 1990.
>
> I know the conventional wisdom says that with that serial number the rig
> was produced in March of 1995, but I doubt the previous owner is off in his
> recollection by five years. (I hope he is though!)
>
> I have seen other posts that indicate the serial number is based on the
> reign of the Japanese emperor or that you cannot base manufacture date by
> the serial number and that Kenwood only knows for sure.
>
> I thought one way to either prove or disprove the subtract two years from
> the first digit hypothesis is to publish some data so I'm requesting that
> anyone who knows for a fact when their rig was purchased new reply with the
> purchase date and serial number.
>
> I purchased my 450 in October 1995 and it has a 60300108 serial number
> which would seem to fit the subtract two rule.
>
> Thanks for your help and 73,
> Scott
>
>
>

[Non-text portions of this message have been removed]

9883. For Sale: Kenwood DRU-2 Digital Voice Recorder

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-20 19:11:40 UTC
From: TennAce
Topic: 9883 Message: 9883

Don't you wish those PLAY and RECORD buttons worked on your Kenwood TS-850 or TS-950SDX transceiver? They would if you had bought the DRU-2 option board. The original Kenwood part is nearly impossible to get, but my PIEXX-manufactured replacement DRU-2px board is now for sale. The three messages are each 32 seconds long! Physical dimensions and connector types are the same as the original DRU-2 board, so installation is a snap. Installation Instructions included as PDF file.

139.00 USD includes Shipping via USPS to CONUS (PayPal accepted) (weight 0.4 lbs) Email to: wo4o <at> att <dot> net

9884. For Sale: Kenwood IF-232C Interface

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-20 19:16:08 UTC
From: TennAce
Topic: 9884 Message: 9884

Facilitates the connection of a personal computer to transceivers capable of computer control. This device acts as interface between the radio and the DB25 RS-232C serial port of a computer. It is essentially a voltage converter between RS232 level (-12 to +12V) signals of the computer and the TTL levels (0 to +5V) of the radio. DC power cord, 6-pin DIN cable (connecting IF-232C to transceiver) and Manual (in PDF file) are included. Requires 13.8 VDC 150ma power supply. 5.375 x 1.7 x 4.5 inches. 1.1 Lb. Can share the same Power Supply used for the transceiver. Yes, it works!

59.00 USD includes shipping via USPS to CONUS (PayPal accepted) Email to: wo4o <at> att <dot> net

9885. TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 04:09:35 UTC
From: k4zot
Topic: 9885 Message: 9885

Complicated situation - I am looking at buying a TS-850 in the 50M serial range. The owner does not know if it has a tuner which obviously has alot to do with the price. The serial number seems great, but how can I determine if it has a tuner if the owner doesn't really know, but thinks so? I'm having a better picture of the front and rear set to me.

The front is labeled TS-850S, but I do not believe the tuner version has TS-850SAT on the front panel? I do see three rectangular buttons on the left side above the "Phones". Is this conclusively for the AT?

Are the 50M units free of any DDS, Cap or memory battery issues?

Thanks for any information.

Glenn
K4ZOT

9886. Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 14:33:42 UTC
From: Zack Widup
Topic: 9885 Message: 9886

Mine also says "TS-850S" on the front. I believe they all say that.

There would only be two ways of telling if it had a tuner:

1) Open it up and see if it has one in it. You cannot tell by looking
at the outside.

2) Connect it to an antenna or dummy load, push the "THRU/AUTO" button
and then push the "AT TUNE'" button. You should hear the gears of the
tuner working and the SWR meter reading bounce up and down as it tunes
if it has the internal tuner.

73, Zack W9SZ

On 11/20/10, k4zot <packardg@...> wrote:
> Complicated situation - I am looking at buying a TS-850 in the 50M serial
> range. The owner does not know if it has a tuner which obviously has alot
> to do with the price. The serial number seems great, but how can I
> determine if it has a tuner if the owner doesn't really know, but thinks so?
> I'm having a better picture of the front and rear set to me.
>
> The front is labeled TS-850S, but I do not believe the tuner version has
> TS-850SAT on the front panel? I do see three rectangular buttons on the
> left side above the "Phones". Is this conclusively for the AT?
>
> Are the 50M units free of any DDS, Cap or memory battery issues?
>
> Thanks for any information.
>
> Glenn
> K4ZOT
>
>

9887. Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 14:33:57 UTC
From: Dave ve3wej
Topic: 9885 Message: 9887

I am not sure how anyone can NOT know if they had a tuner, unless they are
buying selling and not the original owner of the radio

btw: my ts850s has a tuner but states on the front ts850s, not sat...

can they hook up the radio to an antenna or dummy load.

they could hit the button to see if it makes noise..

On Sat, Nov 20, 2010 at 11:09 PM, k4zot <packardg@...> wrote:

> Complicated situation - I am looking at buying a TS-850 in the 50M serial
> range. The owner does not know if it has a tuner which obviously has alot
> to do with the price. The serial number seems great, but how can I
> determine if it has a tuner if the owner doesn't really know, but thinks so?
> I'm having a better picture of the front and rear set to me.
>
> The front is labeled TS-850S, but I do not believe the tuner version has
> TS-850SAT on the front panel? I do see three rectangular buttons on the
> left side above the "Phones". Is this conclusively for the AT?
>
> Are the 50M units free of any DDS, Cap or memory battery issues?
>
> Thanks for any information.
>
> Glenn
> K4ZOT
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

9888. Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 14:53:39 UTC
From: Randy Downs
Topic: 9885 Message: 9888

Sometimes people plead ignorance to hide that it does not have one. I would buy it as if it does not have one if he can't prove that it does.
Randy
K8RDD

On Sat, Nov 20, 2010 at 11:09 PM, k4zot <packardg@...> wrote:

>
>
> Complicated situation - I am looking at buying a TS-850 in the 50M serial
> range. The owner does not know if it has a tuner which obviously has alot to
> do with the price. The serial number seems great, but how can I determine if
> it has a tuner if the owner doesn't really know, but thinks so? I'm having a
> better picture of the front and rear set to me.
>
> The front is labeled TS-850S, but I do not believe the tuner version has
> TS-850SAT on the front panel? I do see three rectangular buttons on the left
> side above the "Phones". Is this conclusively for the AT?
>
> Are the 50M units free of any DDS, Cap or memory battery issues?
>
> Thanks for any information.
>
> Glenn
> K4ZOT
>
>
>

[Non-text portions of this message have been removed]

9889. TS-430 vfo wont change

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 16:18:17 UTC
From: kd5utc
Topic: 9889 Message: 9889

my vfo is stuck on one frequency and will not change ,can any one help me?also tried f lock and still wont change but will change with mic up and down,also it has no rec at all any know how to help.it does tx and audio shows about 125watts output . any idea will be help full .
thank you kd5utc

9890. Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 16:35:20 UTC
From: Crownhaven
Topic: 9885 Message: 9890

That is great advice Randy......none of the units were marked /AT on the face. I would:

1. Want to test it if it had one.

2. I would still look inside the radio anyway. You can't miss it. :))))))

Steve, N4JQQ

On 11/21/2010 8:53 AM, Randy Downs wrote:
> Sometimes people plead ignorance to hide that it does not have one. I would
> buy it as if it does not have one if he can't prove that it does.
> Randy
> K8RDD
>
> On Sat, Nov 20, 2010 at 11:09 PM, k4zot<packardg@...> wrote:
>
>
>>
>> Complicated situation - I am looking at buying a TS-850 in the 50M serial
>> range. The owner does not know if it has a tuner which obviously has alot to
>> do with the price. The serial number seems great, but how can I determine if
>> it has a tuner if the owner doesn't really know, but thinks so? I'm having a
>> better picture of the front and rear set to me.
>>
>> The front is labeled TS-850S, but I do not believe the tuner version has
>> TS-850SAT on the front panel? I do see three rectangular buttons on the left
>> side above the "Phones". Is this conclusively for the AT?
>>
>> Are the 50M units free of any DDS, Cap or memory battery issues?
>>
>> Thanks for any information.
>>
>> Glenn
>> K4ZOT
>>
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>

> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>

9891. Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 17:34:09 UTC
From: ah6rr1
Topic: 9885 Message: 9891

I am suprised that Kenwood did not mark it on the radios Like they did with the 440/940 ect. I have a 850 in the 5 mil range and it is not marked but it does have the tuner.

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> Complicated situation - I am looking at buying a TS-850 in the 50M serial range. The owner does not know if it has a tuner which obviously has alot to do with the price. The serial number seems great, but how can I determine if it has a tuner if the owner doesn't really know, but thinks so? I'm having a better picture of the front and rear set to me.
>
> The front is labeled TS-850S, but I do not believe the tuner version has TS-850SAT on the front panel? I do see three rectangular buttons on the left side above the "Phones". Is this conclusively for the AT?
>
> Are the 50M units free of any DDS, Cap or memory battery issues?
>
> Thanks for any information.
>
> Glenn
> K4ZOT
>

9892. RE: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 18:46:48 UTC
From: Brian Mohr
Topic: 9885 Message: 9892

Even if it came with a tuner, people will take them out for various reasons. I know of one ebay seller that does that routinely. He will buy a radio and strip filters, voice recorders, and tuners etc..Sell the radio and accessories separately. Unless it is verified by opening the radio or hooking it up and operating the tuner you will not know until you receive it.

Good luck!

Wb2bm

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ah6rr1
Sent: Sunday, November 21, 2010 12:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

I am suprised that Kenwood did not mark it on the radios Like they did with the 440/940 ect. I have a 850 in the 5 mil range and it is not marked but it does have the tuner.

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "k4zot" <packardg@...> wrote:
>
> Complicated situation - I am looking at buying a TS-850 in the 50M serial range. The owner does not know if it has a tuner which obviously has alot to do with the price. The serial number seems great, but how can I determine if it has a tuner if the owner doesn't really know, but thinks so? I'm having a better picture of the front and rear set to me.
>
> The front is labeled TS-850S, but I do not believe the tuner version has TS-850SAT on the front panel? I do see three rectangular buttons on the left side above the "Phones". Is this conclusively for the AT?
>
> Are the 50M units free of any DDS, Cap or memory battery issues?
>
> Thanks for any information.
>
> Glenn
> K4ZOT
>

[Non-text portions of this message have been removed]

9893. Re: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 19:17:12 UTC
From: Randy Downs
Topic: 9885 Message: 9893

One such Ebayer in Ky just sold an 850 parted out. I added up the price it all sold for and they got (it's a business) more than the radio would have bought sold whole. The pics were funny. The carrier board still had the surface mount caps and you could see where they had leaked on the board. I think it sold for $139 or so. It had the old dds chips. Maybe I should part mine out. I bought mine to use PowerSdrIf with. I've had several in my life and worked on numerous units. Nice rig for phone.
Randy
K8RDD

On Sun, Nov 21, 2010 at 1:46 PM, Brian Mohr <cygnus021972@...> wrote:

>
>
> Even if it came with a tuner, people will take them out for various
> reasons.
> I know of one ebay seller that does that routinely. He will buy a radio and
> strip filters, voice recorders, and tuners etc..Sell the radio and
> accessories separately. Unless it is verified by opening the radio or
> hooking it up and operating the tuner you will not know until you receive
> it.
>
> Good luck!
>
> Wb2bm
>
> From: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]
> On Behalf Of ah6rr
> Sent: Sunday, November 21, 2010 12:34 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale
>
>
>
> I am suprised that Kenwood did not mark it on the radios Like they did with
> the 440/940 ect. I have a 850 in the 5 mil range and it is not marked but
> it
> does have the tuner.
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> <mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>>
> , "k4zot" <packardg@...> wrote:
> >
> > Complicated situation - I am looking at buying a TS-850 in the 50M serial
> range. The owner does not know if it has a tuner which obviously has alot

> to
> do with the price. The serial number seems great, but how can I determine
> if
> it has a tuner if the owner doesn't really know, but thinks so? I'm having
> a
> better picture of the front and rear set to me.
> >
> > The front is labeled TS-850S, but I do not believe the tuner version has
> TS-850SAT on the front panel? I do see three rectangular buttons on the
> left
> side above the "Phones". Is this conclusively for the AT?
> >
> > Are the 50M units free of any DDS, Cap or memory battery issues?
> >
> > Thanks for any information.
> >
> > Glenn
> > K4ZOT
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

9894. RE: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 19:35:42 UTC
From: Brian Mohr
Topic: 9885 Message: 9894

That's the guy I was talking bout. I could tell you some stories about his business practices. That would take a week..

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Randy Downs
Sent: Sunday, November 21, 2010 2:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

One such Ebayer in Ky just sold an 850 parted out. I added up the price it all sold for and they got (it's a business) more than the radio would have bought sold whole. The pics were funny. The carrier board still had the surface mount caps and you could see where they had leaked on the board. I think it sold for $139 or so. It had the old dds chips. Maybe I should part mine out. I bought mine to use PowerSdrIf with. I've had several in my life and worked on numerous units. Nice rig for phone.
Randy
K8RDD

On Sun, Nov 21, 2010 at 1:46 PM, Brian Mohr <cygnus021972@...> wrote:

>
>
> Even if it came with a tuner, people will take them out for various
> reasons.
> I know of one ebay seller that does that routinely. He will buy a radio
and
> strip filters, voice recorders, and tuners etc..Sell the radio and
> accessories separately. Unless it is verified by opening the radio or
> hooking it up and operating the tuner you will not know until you receive
> it.
>
> Good luck!
>
> Wb2bm
>
> From: TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com>[mailto:
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>]
> On Behalf Of ah6rr
> Sent: Sunday, November 21, 2010 12:34 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale
>
>

> I am suprised that Kenwood did not mark it on the radios Like they did
with
> the 440/940 ect. I have a 850 in the 5 mil range and it is not marked but
> it
> does have the tuner.
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
>
<mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>
>
> , "k4zot" <packardg@...> wrote:
> >
> > Complicated situation - I am looking at buying a TS-850 in the 50M
serial
> range. The owner does not know if it has a tuner which obviously has alot
> to
> do with the price. The serial number seems great, but how can I determine
> if
> it has a tuner if the owner doesn't really know, but thinks so? I'm having
> a
> better picture of the front and rear set to me.
> >
> > The front is labeled TS-850S, but I do not believe the tuner version has
> TS-850SAT on the front panel? I do see three rectangular buttons on the
> left
> side above the "Phones". Is this conclusively for the AT?
> >
> > Are the 50M units free of any DDS, Cap or memory battery issues?
> >
> > Thanks for any information.
> >
> > Glenn
> > K4ZOT
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

9895. Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 19:46:30 UTC
From: Mel Cruts
Topic: 9885 Message: 9895

Hi,
I just pulled my TS-850 out of it's box after several years. I stopped using it a few years ago when the front panel started intermittently going blank.
I hooked it up and ran it with computer control from Ham Radio Deluxe and that all seems to be ok and after a while the front panel came back to life (for a while). It still operates ok from Ham Radio Deluxe even when the panel fades blank. All of that to say this...

I hooked up a dummy load and wanted to see if it still works well on all bands. I turned the tuner on(Auto/Bypass switch depressed) and tuned to the dummy load...95 watts out as indicated on my Daiwa power meter (remember the front panel display is now inoperative). Switched bands and hit the key...hmmm only twenty watts out. I found that when I switched bands the tuner does not reload the rig well without a specific tuner call from the front panel even though I hear the antenna tuner do a coarse seek. If the Auto/Bypass switch is depressed to enable the tuner and I hit AT Tune button the "On Air" and "AT Tune" lights will come on. If you do not have an antenna or dummy load hooked up be sure you turn the PWR knob and CARR knob fully counter clockwise. With both them CC wise it will limit power output to milli-watts and will not endanger or harm anything. The PWR and CARR button are directly below the Kenwood name. I believe that if there is no tuner installed the AT Tune light will never come on.

My rig also says Kenwood TS-850s on the front panel but has a tuner installed. I don't know if any of them had TS-850S/AT silk-screened on the front panel.

I guess TS-850 needs a trip to Kenwood or Aavid repair shop.

73,
Mel - KF6OZ

On Sun, 2010-11-21 at 09:33 -0500, Dave ve3wej wrote:

>
> I am not sure how anyone can NOT know if they had a tuner, unless they
> are
> buying selling and not the original owner of the radio
>
> btw: my ts850s has a tuner but states on the front ts850s, not sat...
>
> can they hook up the radio to an antenna or dummy load.
>
> they could hit the button to see if it makes noise..

>
> On Sat, Nov 20, 2010 at 11:09 PM, k4zot <packardg@...>
> wrote:
>
> > Complicated situation - I am looking at buying a TS-850 in the 50M
> serial
> > range. The owner does not know if it has a tuner which obviously has
> alot
> > to do with the price. The serial number seems great, but how can I
> > determine if it has a tuner if the owner doesn't really know, but
> thinks so?
> > I'm having a better picture of the front and rear set to me.
> >
> > The front is labeled TS-850S, but I do not believe the tuner version
> has
> > TS-850SAT on the front panel? I do see three rectangular buttons on
> the
> > left side above the "Phones". Is this conclusively for the AT?
> >
> > Are the 50M units free of any DDS, Cap or memory battery issues?
> >
> > Thanks for any information.
> >
> > Glenn
> > K4ZOT
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

9896. Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 20:19:04 UTC
From: Crownhaven
Topic: 9885 Message: 9896

Send it to Avvid......you will get a much better job, faster at a VERY reasonable price.......Personal experience with 850s, 450s, etc.

Steve, N4JQQ

On 11/21/2010 1:46 PM, Mel Cruts wrote:
>
>
>
> Hi,
> I just pulled my TS-850 out of it's box after several years. I stopped
> using it a few years ago when the front panel started intermittently
> going blank.
> I hooked it up and ran it with computer control from Ham Radio Deluxe
> and that all seems to be ok and after a while the front panel came back
> to life (for a while). It still operates ok from Ham Radio Deluxe even
> when the panel fades blank. All of that to say this...
>
> I hooked up a dummy load and wanted to see if it still works well on all
> bands. I turned the tuner on(Auto/Bypass switch depressed) and tuned to
> the dummy load...95 watts out as indicated on my Daiwa power meter
> (remember the front panel display is now inoperative). Switched bands
> and hit the key...hmmm only twenty watts out. I found that when I
> switched bands the tuner does not reload the rig well without a specific
> tuner call from the front panel even though I hear the antenna tuner do
> a coarse seek. If the Auto/Bypass switch is depressed to enable the
> tuner and I hit AT Tune button the "On Air" and "AT Tune" lights will
> come on. If you do not have an antenna or dummy load hooked up be sure
> you turn the PWR knob and CARR knob fully counter clockwise. With both
> them CC wise it will limit power output to milli-watts and will not
> endanger or harm anything. The PWR and CARR button are directly below
> the Kenwood name. I believe that if there is no tuner installed the AT
> Tune light will never come on.
>
> My rig also says Kenwood TS-850s on the front panel but has a tuner
> installed. I don't know if any of them had TS-850S/AT silk-screened on
> the front panel.
>
> I guess TS-850 needs a trip to Kenwood or Aavid repair shop.
>
> 73,
> Mel - KF6OZ
>
> On Sun, 2010-11-21 at 09:33 -0500, Dave ve3wej wrote:
>

> >
> > I am not sure how anyone can NOT know if they had a tuner, unless they
> > are
> > buying selling and not the original owner of the radio
> >
> > btw: my ts850s has a tuner but states on the front ts850s, not sat...
> >
> > can they hook up the radio to an antenna or dummy load.
> >
> > they could hit the button to see if it makes noise..
> >
> > On Sat, Nov 20, 2010 at 11:09 PM, k4zot <packardg@...
> <mailto:packardg%40bellsouth.net>>
> > wrote:
> >
> > > Complicated situation - I am looking at buying a TS-850 in the 50M
> > serial
> > > range. The owner does not know if it has a tuner which obviously has
> > alot
> > > to do with the price. The serial number seems great, but how can I
> > > determine if it has a tuner if the owner doesn't really know, but
> > thinks so?
> > > I'm having a better picture of the front and rear set to me.
> > >
> > > The front is labeled TS-850S, but I do not believe the tuner version
> > has
> > > TS-850SAT on the front panel? I do see three rectangular buttons on
> > the
> > > left side above the "Phones". Is this conclusively for the AT?
> > >
> > > Are the 50M units free of any DDS, Cap or memory battery issues?
> > >
> > > Thanks for any information.
> > >
> > > Glenn
> > > K4ZOT
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...o
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> > >
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >

> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

9897. RE: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 22:22:52 UTC
From: Mike
Topic: 9885 Message: 9897

If I remember correctly, the tuner will not operate properly without
sufficient drive, I believe it needs about 10 watts out to tune properly.
You shouldn't ever transmit without an antenna or dummy load attached
regardless of how low the Car and Power knobs are set.

Just my opinions.

73 de N2TBP Mike

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Crownhaven
Sent: Sunday, November 21, 2010 15:19 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 Tuner Question on a unit for Sale

Send it to Avvid......you will get a much better job, faster at a VERY
reasonable price.......Personal experience with 850s, 450s, etc.

Steve, N4JQQ

On 11/21/2010 1:46 PM, Mel Cruts wrote:
>
>
>
> Hi,
> I just pulled my TS-850 out of it's box after several years. I stopped
> using it a few years ago when the front panel started intermittently
> going blank.
> I hooked it up and ran it with computer control from Ham Radio Deluxe
> and that all seems to be ok and after a while the front panel came back
> to life (for a while). It still operates ok from Ham Radio Deluxe even
> when the panel fades blank. All of that to say this...
>
> I hooked up a dummy load and wanted to see if it still works well on all
> bands. I turned the tuner on(Auto/Bypass switch depressed) and tuned to
> the dummy load...95 watts out as indicated on my Daiwa power meter
> (remember the front panel display is now inoperative). Switched bands
> and hit the key...hmmm only twenty watts out. I found that when I
> switched bands the tuner does not reload the rig well without a specific
> tuner call from the front panel even though I hear the antenna tuner do
> a coarse seek. If the Auto/Bypass switch is depressed to enable the
> tuner and I hit AT Tune button the "On Air" and "AT Tune" lights will
> come on. If you do not have an antenna or dummy load hooked up be sure
> you turn the PWR knob and CARR knob fully counter clockwise. With both
> them CC wise it will limit power output to milli-watts and will not

> endanger or harm anything. The PWR and CARR button are directly below
> the Kenwood name. I believe that if there is no tuner installed the AT
> Tune light will never come on.
>
> My rig also says Kenwood TS-850s on the front panel but has a tuner
> installed. I don't know if any of them had TS-850S/AT silk-screened on
> the front panel.
>
> I guess TS-850 needs a trip to Kenwood or Aavid repair shop.
>
> 73,
> Mel - KF6OZ
>
> On Sun, 2010-11-21 at 09:33 -0500, Dave ve3wej wrote:
>
> >
> > I am not sure how anyone can NOT know if they had a tuner, unless they
> > are
> > buying selling and not the original owner of the radio
> >
> > btw: my ts850s has a tuner but states on the front ts850s, not sat...
> >
> > can they hook up the radio to an antenna or dummy load.
> >
> > they could hit the button to see if it makes noise..
> >
> > On Sat, Nov 20, 2010 at 11:09 PM, k4zot <packardg@...
<mailto:packardg%40bellsouth.net>
> <mailto:packardg%40bellsouth.net>>
> > wrote:
> >
> > > Complicated situation - I am looking at buying a TS-850 in the 50M
> > serial
> > > range. The owner does not know if it has a tuner which obviously has
> > alot
> > > to do with the price. The serial number seems great, but how can I
> > > determine if it has a tuner if the owner doesn't really know, but
> > thinks so?
> > > I'm having a better picture of the front and rear set to me.
> > >
> > > The front is labeled TS-850S, but I do not believe the tuner version
> > has
> > > TS-850SAT on the front panel? I do see three rectangular buttons on
> > the
> > > left side above the "Phones". Is this conclusively for the AT?
> > >
> > > Are the 50M units free of any DDS, Cap or memory battery issues?
> > >
> > > Thanks for any information.
> > >

> > > Glenn
> > > K4ZOT
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> > >
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9898. RE: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-21 22:27:38 UTC
From: Mike
Topic: 9885 Message: 9898

No they didn't mark them at all.
When I bought mine back in the day, it had no tuner, and I bought a NEW one from Kenwood and installed it myself.
Works perfectly.

Just my 2 cents worth.

73 de N2TBP mike

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of ah6rr1
Sent: Sunday, November 21, 2010 12:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850 Tuner Question on a unit for Sale

I am suprised that Kenwood did not mark it on the radios Like they did with the 440/940 ect. I have a 850 in the 5 mil range and it is not marked but it does have the tuner.

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "k4zot" <packardg@...> wrote:
>
> Complicated situation - I am looking at buying a TS-850 in the 50M serial range. The owner does not know if it has a tuner which obviously has alot to do with the price. The serial number seems great, but how can I determine if it has a tuner if the owner doesn't really know, but thinks so? I'm having a better picture of the front and rear set to me.
>
> The front is labeled TS-850S, but I do not believe the tuner version has TS-850SAT on the front panel? I do see three rectangular buttons on the left side above the "Phones". Is this conclusively for the AT?
>
> Are the 50M units free of any DDS, Cap or memory battery issues?
>
> Thanks for any information.
>
> Glenn
> K4ZOT
>

[Non-text portions of this message have been removed]

9899. Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-22 02:38:55 UTC
From: avvidclif
Topic: 9885 Message: 9899

On the right side of the radio at the rear are cooling vents. Look in, if it's empty, no tuner. The tuner will fill up to within 1/4" of the vents on the cover.

My thoughts; If he doesn't know whether or not it has a tuner he's probably not a ham and anything he said about the operation of the radio would be suspect. Be careful.

Clif

--- In TS-850_450_690@...m, Crownhaven <crownhaven@...> wrote:
>
> That is great advice Randy......none of the units were marked /AT on the
> face. I would:
>
> 1. Want to test it if it had one.
>
> 2. I would still look inside the radio anyway. You can't miss it. :)))))))
>
>
> Steve, N4JQQ
>
> On 11/21/2010 8:53 AM, Randy Downs wrote:
> > Sometimes people plead ignorance to hide that it does not have one. I would
> > buy it as if it does not have one if he can't prove that it does.
> > Randy
> > K8RDD
> >
> > On Sat, Nov 20, 2010 at 11:09 PM, k4zot<packardg@...> wrote:
> >
> >
> >>
> >> Complicated situation - I am looking at buying a TS-850 in the 50M serial
> >> range. The owner does not know if it has a tuner which obviously has alot to
> >> do with the price. The serial number seems great, but how can I determine if
> >> it has a tuner if the owner doesn't really know, but thinks so? I'm having a
> >> better picture of the front and rear set to me.
> >>
> >> The front is labeled TS-850S, but I do not believe the tuner version has
> >> TS-850SAT on the front panel? I do see three rectangular buttons on the left
> >> side above the "Phones". Is this conclusively for the AT?
> >>
> >> Are the 50M units free of any DDS, Cap or memory battery issues?
> >>
> >> Thanks for any information.
> >>
> >> Glenn
> >> K4ZOT

> >>
> >>
> >>
> >>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >
> >
> >
> >

9900. Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-22 05:51:42 UTC
From: Alex
Topic: 9876 Message: 9900

Thank you Clif for the info,its a big clue whats going on the radio. Heres another question for this issue, the 850 was tested to another loaction and the broadcast station were not heard there but when it was returned or used to the original location it can pick up the broadcast. What iam trying to point is if the diode is shorted on the RF board will it still rx good or ok when far from the broadcast station? For sure the original location is near the a broadcast station. So it is over loading the frontend when near? The broadacst audio were mix on rx audio on all the band. Any advise for this situation?

Also another 850 were tested near the broadcast station and its not getting any broadcast station. Thats why we can say there is a problem with the other 850.

Thank you for your good advise it helps me alot. Hoping for another good advice from you.

Alex

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Shorted BPF diode on the RF unit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> > Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution.
> >
> > Hope Cliff can give me advise also,or anyone with this probelem before.
> >
> > Thank you,
> > Alex
> > DV1TBX
> >
>

9901. TS850S modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-22 07:30:51 UTC
From: CristianÂ©
Topic: 9901 Message: 9901

Hi!
My modulation is very distorsioned on 80m band when power is >40W and proccesor is ON (level proccesor is 4-5). PLease help me to resolve the problem. Tnx very much!
73`s and best regard to all!

9902. Re:

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-22 14:25:38 UTC
From: Cristian®
Topic: 9902 Message: 9902

I resolved the problem: distorsions are from PC throught CAT interface !
73`s to all!

Chris, YO8RZE

[Non-text portions of this message have been removed]

9903. Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-22 17:02:30 UTC
From: avvidclif
Topic: 9876 Message: 9903

Replace the leaky diode, all your tests confirm it. Clif --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > Thank you Clif for the info,its a big clue whats going on the radio. Heres another question for this issue, the 850 was tested to another loaction and the broadcast station were not heard there but when it was returned or used to the original location it can pick up the broadcast. What iam trying to point is if the diode is shorted on the RF board will it still rx good or ok when far from the broadcast station? For sure the original location is near the a broadcast station. So it is over loading the frontend when near? The broadacst audio were mix on rx audio on all the band. Any advise for this situation? > > Also another 850 were tested near the broadcast station and its not getting any broadcast station. Thats why we can say there is a problem with the other 850. > > Thank you for your good advise it helps me alot. Hoping for another good advice from you. > > Alex > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > Shorted BPF diode on the RF unit. > > > > Clif > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution. > > > > > > Hope Cliff can give me advise also,or anyone with this probelem before. > > > > > > Thank you, > > > Alex > > > DV1TBX > > > > > >

9904. Re: TS-850 Tuner Question on a unit for Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-23 00:29:56 UTC
From: k4zot
Topic: 9885 Message: 9904

Thanks very one for your help. I was fortunate to hook-up with a Group member who sold me a nice 70M TS-850S and PS.

Glenn
K4ZOT

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> On the right side of the radio at the rear are cooling vents. Look in, if it's empty, no tuner. The tuner will fill up to within 1/4" of the vents on the cover.
>
> My thoughts; If he doesn't know whether or not it has a tuner he's probably not a ham and anything he said about the operation of the radio would be suspect. Be careful.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@> wrote:
> >
> > That is great advice Randy......none of the units were marked /AT on the
> > face. I would:
> >
> > 1. Want to test it if it had one.
> >
> > 2. I would still look inside the radio anyway. You can't miss it. :)))))))
> >
> >
> > Steve, N4JQQ
> >
> > On 11/21/2010 8:53 AM, Randy Downs wrote:
> > > Sometimes people plead ignorance to hide that it does not have one. I would
> > > buy it as if it does not have one if he can't prove that it does.
> > > Randy
> > > K8RDD
> > >
> > > On Sat, Nov 20, 2010 at 11:09 PM, k4zot<packardg@> wrote:
> > >
> > >
> > >>
> > >> Complicated situation - I am looking at buying a TS-850 in the 50M serial
> > >> range. The owner does not know if it has a tuner which obviously has alot to
> > >> do with the price. The serial number seems great, but how can I determine if
> > >> it has a tuner if the owner doesn't really know, but thinks so? I'm having a
> > >> better picture of the front and rear set to me.
> > >>
> > >> The front is labeled TS-850S, but I do not believe the tuner version has

> > >> TS-850SAT on the front panel? I do see three rectangular buttons on the left
> > >> side above the "Phones". Is this conclusively for the AT?
> > >>
> > >> Are the 50M units free of any DDS, Cap or memory battery issues?
> > >>
> > >> Thanks for any information.
> > >>
> > >> Glenn
> > >> K4ZOT
> > >>
> > >>
> > >>
> > >>
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> >
>

9905. Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-23 09:13:54 UTC
From: Alex
Topic: 9876 Message: 9905

Thank you Clif, i will do the trouble shooting for the leaky diode on the RF board. 73, Alex --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > Replace the leaky diode, all your tests confirm it. > > Clif > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > Thank you Clif for the info,its a big clue whats going on the radio. Heres another question for this issue, the 850 was tested to another loaction and the broadcast station were not heard there but when it was returned or used to the original location it can pick up the broadcast. What iam trying to point is if the diode is shorted on the RF board will it still rx good or ok when far from the broadcast station? For sure the original location is near the a broadcast station. So it is over loading the frontend when near? The broadacst audio were mix on rx audio on all the band. Any advise for this situation? > > > > Also another 850 were tested near the broadcast station and its not getting any broadcast station. Thats why we can say there is a problem with the other 850. > > > > Thank you for your good advise it helps me alot. Hoping for another good advice from you. > > > > Alex > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > > > Shorted BPF diode on the RF unit. > > > > > > Clif > > > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > > > Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution. > > > > > > > > Hope Cliff can give me advise also,or anyone with this probelem before. > > > > > > > > Thank you, > > > > Alex > > > > DV1TBX > > > > > > > > > > >

9906. TS-450/TS-690 Display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-23 15:18:33 UTC
From: Mark
Topic: 9906 Message: 9906

I am looking for a LCD display for my TS-690S. Anyone have a parted out radio with one of these? Thanks.
Mark

9907. Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-23 16:50:28 UTC
From: avvidclif
Topic: 9876 Message: 9907

Message 9726 gives how to check the diodes. Clif --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > Thank you Clif, i will do the trouble shooting for the leaky diode on the RF board. > > 73, > Alex > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > Replace the leaky diode, all your tests confirm it. > > > > Clif > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > Thank you Clif for the info,its a big clue whats going on the radio. Heres another question for this issue, the 850 was tested to another loaction and the broadcast station were not heard there but when it was returned or used to the original location it can pick up the broadcast. What iam trying to point is if the diode is shorted on the RF board will it still rx good or ok when far from the broadcast station? For sure the original location is near the a broadcast station. So it is over loading the frontend when near? The broadacst audio were mix on rx audio on all the band. Any advise for this situation? > > > > > > Also another 850 were tested near the broadcast station and its not getting any broadcast station. Thats why we can say there is a problem with the other 850. > > > > > > Thank you for your good advise it helps me alot. Hoping for another good advice from you. > > > > > > Alex > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > > > > > Shorted BPF diode on the RF unit. > > > > > > > > Clif > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > > > > > Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution. > > > > > > > > > > Hope Cliff can give me advise also,or anyone with this probelem before. > > > > > > > > > > Thank you, > > > > > Alex > > > > > DV1TBX > > > > > > > > > > > > > > >

9908. Re: [TS-850_450_690] Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-23 22:39:23 UTC
From: Harvey Bauss
Topic: 9876 Message: 9908

Clif, How do I find the message number 9726? Harvey ----- Original Message ----- From: avvidclif To: TS-850_450_690@yahoogroups.com Sent: Tuesday, November 23, 2010 11:50 AM Subject: [TS-850_450_690] Re: TS850 Receiving AM broadcast Station Message 9726 gives how to check the diodes. Clif --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > Thank you Clif, i will do the trouble shooting for the leaky diode on the RF board. > > 73, > Alex > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > Replace the leaky diode, all your tests confirm it. > > > > Clif > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > Thank you Clif for the info,its a big clue whats going on the radio. Heres another question for this issue, the 850 was tested to another loaction and the broadcast station were not heard there but when it was returned or used to the original location it can pick up the broadcast. What iam trying to point is if the diode is shorted on the RF board will it still rx good or ok when far from the broadcast station? For sure the original location is near the a broadcast station. So it is over loading the frontend when near? The broadacst audio were mix on rx audio on all the band. Any advise for this situation? > > > > > > Also another 850 were tested near the broadcast station and its not getting any broadcast station. Thats why we can say there is a problem with the other 850. > > > > > > Thank you for your good advise it helps me alot. Hoping for another good advice from you. > > > > > > Alex > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > > > > > Shorted BPF diode on the RF unit. > > > > > > > > Clif > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > > > > Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution. > > > > > > > > > Hope Cliff can give me advise also,or anyone with this probelem before. > > > > > > > > > Thank you, > > > > > Alex > > > > > > DV1TBX > > > > > > > > > > > > > > > > > > [Non-text portions of this message have been removed]

9909. Slope/channel replacement part needed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-24 11:14:12 UTC
From: Per
Topic: 9909 Message: 9909

Does anyone know where to find this part: X41-3130 D6 - kenwood TS-850S slope/channel print?
New or used.
tnx 73 de OZ1JJK.

9910. TimeWave DSP -9+ For sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-24 15:38:54 UTC
From: harveywizbang@aol.com
Topic: 9910 Message: 9910

From the mfg literature "The DSP-9+ uses digital signal processing technology to provide optimum filters for random noise reduction, heterodyne elimination and bandpass filtering. Digital Signal Processing (DSP) technology provides superior performance in reducing QRM and QRN."

If you don't have a DSP radio or want to avoid the high cost of added filters this is a great solution. (check e-ham reviews)

Use with your 830, 850, etc. to improve RX. $125 shipped to lower 48

KC5PD e-mail; _harveywizbang@..._ (mailto:harveywizbang@...)

[Non-text portions of this message have been removed]

9911. Re: [TS-850_450_690] TimeWave DSP -9+ For sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-24 16:51:03 UTC
From: Mel Cruts
Topic: 9910 Message: 9911

I will second the recommendation for the Timewave DSP. I've used the DSP-9+ to great benefit especially in digital modes(RTTY, PSK 31 and MFSK). I have made many digital mode QSOs that would not have been possible without the DSP-9+. If your primary mode of operation is voice, the Heil Clearspeech DSP speaker is also great. In my opinion the Clearspeech is sometimes better than the DSP-9+ for noise reduction depending on band conditions for the voice mode.

Christmas season is upon us and I always dread the increased noise problems on the bands from all the electrically noisy Christmas lights and displays. The Timewave DSP-9+ is a great supplement to many rigs.
73,
Mel - KF6OZ

On Wed, 2010-11-24 at 10:38 -0500, harveywizbang@... wrote:

>
>
> From the mfg literature "The DSP-9+ uses digital signal processing
> technology to provide optimum filters for random noise reduction,
> heterodyne
> elimination and bandpass filtering. Digital Signal Processing (DSP)
> technology
> provides superior performance in reducing QRM and QRN."
>
> If you don't have a DSP radio or want to avoid the high cost of added
> filters this is a great solution. (check e-ham reviews)
>
> Use with your 830, 850, etc. to improve RX. $125 shipped to lower 48
>
> KC5PD e-mail; _harveywizbang@..._ (mailto:harveywizbang@...)
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

9912. Re: Slope/channel replacement part needed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-24 19:15:49 UTC
From: Ole Nykjær
Topic: 9909 Message: 9912

Hej

I bought a defect TS-850 to use for spareparts some time ago. (to keep my other TS850 working for the next decade). Must have this slope/channel board stuck somewhere inside - if interested give me a call.

73 de OZ2OE, Ole

[Non-text portions of this message have been removed]

9913. Need SLOPE control (10k+10k concentric)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-25 11:45:10 UTC
From: Jose V. Gavila
Topic: 9913 Message: 9913

Hello!

I am fixing a TS-850 for a friend which has a damaged (beyond repair) SLOPE control. Damaged section is rear one. I could use an otherwise broken control if that part is OK. I could take also the complete PCB.

Thanks and best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

9914. surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-27 03:44:40 UTC
From: p59zm
Topic: 6075 Message: 9914

Interesting photo of that blown surge absorber.

I got in some parts for my TS-850. Bought it new. 3,xxx,xxx range serial number. Replaced the battery today. It had never leaked. Checked a lot of the common caps that fail. Do not see any indication of any leaking, but I will be replacing many of them.

I took a look at my surge absorber. It has the appearance of a blown fuse. Grayish in color. Is this something I can get from Mouser? Anyone know the part number or best source?

73
Greg k9zm

9915. Electrolytic Capacitor Change / Overhaul on 850 / 450 / 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-27 04:14:06 UTC
From: Alex
Topic: 9915 Message: 9915

Hi to all
I want to ask any suggestion or comment regarding electrolytic capacitor overhauling / change on TS 850 / 450 / 690. My brother have this radios for over 10yrs, we did experience the common leaking problem of capacitor on 450 and 690 that cause damage to the radio but luckly we have it repaired.

At this time i was thinking to overhaul / change all the electrolytic capacitors since its not that expensive, only time and technical know how is needed, i do have metcal desoldering tool that is why i think it would not be to hard to remove.

So my question is, is it worth to replace all? Since this radios will be for keeps in the ham shack. Do someone have a good comment or advise?

Thank you,
Alex
DV1TBX

9916. DDS chips and date/serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-28 00:21:13 UTC
From: kg4odx
Topic: 9916 Message: 9916

what is the serial number series for the new chips? my rig is 50mil but a friend just purchased a 40mil serial number TS-850s. Would ether of these rigs have the old DDS chips?

73,
Bill/KG4ODX

9917. Re: [TS-850_450_690] DDS chips and date/serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-28 02:56:09 UTC
From: Dave ve3wej
Topic: 9916 Message: 9917

If they have never been serviced, then probably . the only real way I think would be to open them up and check the numbers.

----- Original Message -----
From: "kg4odx" <bill.kg4odx@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, November 27, 2010 7:21 PM
Subject: [TS-850_450_690] DDS chips and date/serial number

> what is the serial number series for the new chips? my rig is 50mil but a
> friend just purchased a 40mil serial number TS-850s. Would ether of these
> rigs have the old DDS chips?
>
> 73,
> Bill/KG4ODX
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9918. Re: [TS-850_450_690] DDS chips and date/serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-28 02:37:34 UTC
From: Howard Roland
Topic: 9916 Message: 9918

Hello Bill,

This quote is from the link I've pasted below - "It appears that the early chips with the part number
6631 on them have the problem and the newer chips, with 66312 on them are fixed.
I would suggest if you have an 850 with the 6631 chips in them, that you
consider swapping them all out with new ones at the first sign of trouble.
I am not aware of any failures with the 66312 parts yet."

http://www.cqham.ru/ts850repair.htm

The chips are located on the carrier board. You'll have to remove the top cover of the radio and then look at photos on this link -

http://zievid.com/W6OT/TS-850/CarrierBoardCaps.htm

I have no idea what serial numbers on these rigs represent a changeover of dds chips, but my TS850 has a 30 million serial number and has the newer 5 digit chips with no problems so far.

I purchased my rig used and just to be sure of everything I sent it to Kenwood East Service in Virginia Beach, VA and had it completely gone through, aligned, etc. as soon as I got it. Very pleased with their service.

Hope this helps....

Howard
KI4LWA

--- On Sat, 11/27/10, kg4odx <bill.kg4odx@...> wrote:

From: kg4odx <bill.kg4odx@...>
Subject: [TS-850_450_690] DDS chips and date/serial number
To: TS-850_450_690@yahoogroups.com
Date: Saturday, November 27, 2010, 7:21 PM

what is the serial number series for the new chips? my rig is 50mil but a friend just purchased a 40mil serial number TS-850s. Would ether of these rigs have the old DDS chips?

73,

Bill/KG4ODX

[Non-text portions of this message have been removed]

9919. questions re TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-28 21:20:03 UTC
From: ve1ii
Topic: 9919 Message: 9919

I am attempting to get a TS-450S operating. Problem is it was damaged during a lightning strike.

At this point the receive section seems to be working fine but there is no transmit output power.

I just finished removing the output transistors from the amplifier board. Both appear to be bad. I will continue working toward solving that problem.

One question is:
1. How warm (hot) does the back, left side of the transceiver get after being on approximately 3 hours (receiving only)?

Also, I would appreciate hearing comments on how the cooling fans operate. The ones on this transceiver have not turned over yet despite the fact that the back of the radio is fairly warm.
Mind you I am not attempting to transmit at all due to the removed finals.

I don't have any observations from before the damage occurred because I bought the transceiver knowing that it didn't work.

Thanks for any comments.

Bruce, VE1II

9920. Re: questions re TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-29 05:50:18 UTC
From: w4jz
Topic: 9919 Message: 9920

Hi Bruce! On receive my fans never come on & heat sink is maybe just above cool. The fan should come on in SSB mode when you press the mike button. You will have to listen because they are in very slow speed. As the rig heats up in transmit they will get faster & cut off when cooled down.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "ve1ii" <bharvey@...> wrote:
>

>
> One question is:
> 1. How warm (hot) does the back, left side of the transceiver get after being on approximately 3 hours (receiving only)?
>
> Also, I would appreciate hearing comments on how the cooling fans operate. The ones on this transceiver have not turned over yet despite the fact that the back of the radio is fairly warm.
> Mind you I am not attempting to transmit at all due to the removed finals.

> Thanks for any comments.
>
> Bruce, VE1II
>

9921. Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-30 15:52:47 UTC
From: waynesmithvo1ta
Topic: 6646 Message: 9921

I am looking to pick up a ssb filter for my 850. Have been looking at Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go with. It will be used mostly for contesting.
I have the two 8.83 slots filled with Kenwoods 500hz filters.
Wondering if this combination will work.
Any info would be much appreciated. Wayne

9922. Re: [TS-850_450_690] Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-30 16:19:07 UTC
From: Crownhaven
Topic: 6646 Message: 9922

I personally like the use the 1800 filter in conjunction with CW listening. I go down to a 500 Hz filter when necessary but find the 1800 filter kind of takes the edge of the noise for general tuning, etc. I have never tried the 2100 filter but heard someone say they worked very well too.

Would love to hear more opinions on filter choices. I am primarily a CW op.

Steve, N4JQQ

On 11/30/2010 9:52 AM, waynesmithvo1ta wrote:
>
> I am looking to pick up a ssb filter for my 850. Have been looking at
> Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to
> go with. It will be used mostly for contesting.
> I have the two 8.83 slots filled with Kenwoods 500hz filters.
> Wondering if this combination will work.
> Any info would be much appreciated. Wayne
>
>

[Non-text portions of this message have been removed]

9923. Re: [TS-850_450_690] Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-30 16:28:15 UTC
From: Bob Naylor
Topic: 6646 Message: 9923

Wayne, If you have two 500HZ filters in the same IF then you don't need one of them so you can remove one of the 500 HZ filters and install your SSB filter. At one time I had a Kenwood 1.8 SSB filter in the 8.83, 500 slot and it worked fine even though the display shows "500" I now have a 250(maybe it's 240) in both the 8.83 and the 455 slots. When they are both engaged it is great!
Bob WE6C

--- On Tue, 11/30/10, waynesmithvo1ta <waynesmithvo1ta@...> wrote:

From: waynesmithvo1ta <waynesmithvo1ta@...>
Subject: [TS-850_450_690] Filters
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, November 30, 2010, 7:52 AM

I am looking to pick up a ssb filter for my 850. Have been looking at Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go with. It will be used mostly for contesting.

I have the two 8.83 slots filled with Kenwoods 500hz filters.

Wondering if this combination will work.

Any info would be much appreciated. Wayne

[Non-text portions of this message have been removed]

9924. Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-30 18:06:56 UTC
From: ah6rr1
Topic: 6646 Message: 9924

Wayne,
I use the Inrad 2100Hz filters in both IF's and they are fantastic. I tried the 1800Hz filters the Kenwood rings too much for contesting and I found the Inrad 1800Hz just too narrow for SSB. I also have the Inrad roofing filter kit installed (a must for contesting) and a Kenwood 500Hz filter in the 8.83Mhz IF that works great with the 2100Hz in the 455Khz IF. I am not into SW Broadcast so the narrow roofing filter does not bother me. Get the Inrad filters they have the Kenwood filters beat hands down. The 1800Hz filters are not fun on the ears in a long contest.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta" <waynesmithvo1ta@...> wrote:
>
> I am looking to pick up a ssb filter for my 850. Have been looking at Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go with. It will be used mostly for contesting.
> I have the two 8.83 slots filled with Kenwoods 500hz filters.
> Wondering if this combination will work.
> Any info would be much appreciated. Wayne
>

9925. Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-11-30 22:12:56 UTC
From: waynesmithvo1ta
Topic: 6646 Message: 9925

Hi Roland.
Thanks for the info, I have been looking at the roofing filter as well, wondering if it would be worth the effort to install. I have an old 850 here that I use for parts and had a look at the installation of the roofing filter, It seems fairly straight forward.
Wondering if I should be putting money into the old rig.
Maybe I should the money into a new 590

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Wayne,
> I use the Inrad 2100Hz filters in both IF's and they are fantastic. I tried the 1800Hz filters the Kenwood rings too much for contesting and I found the Inrad 1800Hz just too narrow for SSB. I also have the Inrad roofing filter kit installed (a must for contesting) and a Kenwood 500Hz filter in the 8.83Mhz IF that works great with the 2100Hz in the 455Khz IF. I am not into SW Broadcast so the narrow roofing filter does not bother me. Get the Inrad filters they have the Kenwood filters beat hands down. The 1800Hz filters are not fun on the ears in a long contest.
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta" <waynesmithvo1ta@> wrote:
> >
> > I am looking to pick up a ssb filter for my 850. Have been looking at Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go with. It will be used mostly for contesting.
> > I have the two 8.83 slots filled with Kenwoods 500hz filters.
> > Wondering if this combination will work.
> > Any info would be much appreciated. Wayne
> >
>

9926. Re: [TS-850_450_690] Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-01 01:08:50 UTC
From: Steven Gehring
Topic: 6646 Message: 9926

Personally, I have found the 1.8 KHz filters too narrow. The 2.1 KHz filter is narrow enough, with any narrower choices resorting to the effective slope controls.

I'll be interested in reading/hearing what others say. 73.

On Tue, Nov 30, 2010 at 6:52 AM, waynesmithvo1ta <waynesmithvo1ta@...>wrote:

>
>
> I am looking to pick up a ssb filter for my 850. Have been looking at
> Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go
> with. It will be used mostly for contesting.
> I have the two 8.83 slots filled with Kenwoods 500hz filters.
> Wondering if this combination will work.
> Any info would be much appreciated. Wayne
>
>
>

[Non-text portions of this message have been removed]

9927. Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-01 02:09:33 UTC
From: ah6rr1
Topic: 6646 Message: 9927

Wayne,
If you are planning to use the 850 for contesting the roofing filter is a must.
The 590 is a great radio I have 3 locals using the 590 and they sound great and the receiver is outstanding due to the DSP and roofing filters. If I had the extra dollars I woud buy the 590 myself but since I don't I'll stick with the 850.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta" <waynesmithvo1ta@...> wrote:
>
> Hi Roland.
> Thanks for the info, I have been looking at the roofing filter as well, wondering if it would be worth the effort to install. I have an old 850 here that I use for parts and had a look at the installation of the roofing filter, It seems fairly straight forward.
> Wondering if I should be putting money into the old rig.
> Maybe I should the money into a new 590
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > Wayne,
> > I use the Inrad 2100Hz filters in both IF's and they are fantastic. I tried the 1800Hz filters the Kenwood rings too much for contesting and I found the Inrad 1800Hz just too narrow for SSB. I also have the Inrad roofing filter kit installed (a must for contesting) and a Kenwood 500Hz filter in the 8.83Mhz IF that works great with the 2100Hz in the 455Khz IF. I am not into SW Broadcast so the narrow roofing filter does not bother me. Get the Inrad filters they have the Kenwood filters beat hands down. The 1800Hz filters are not fun on the ears in a long contest.
> > Roland AH6RR
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta" <waynesmithvo1ta@> wrote:
> > >
> > > I am looking to pick up a ssb filter for my 850. Have been looking at Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go with. It will be used mostly for contesting.
> > > I have the two 8.83 slots filled with Kenwoods 500hz filters.
> > > Wondering if this combination will work.
> > > Any info would be much appreciated. Wayne
> > >
> >
>

9928. Re: [TS-850_450_690] Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-01 16:41:51 UTC
From: Bob Naylor
Topic: 6646 Message: 9928

Steve, I am a cw op also. I have 250's (maybe they're 240's) in both IF's (Mine are Kenwood filters). When the 8.83 filter is in, it's great but when I go to both, in the 8.83 and the 455 IF's, everything gets much better! It was money well spent! When using only the 455 IF filter it's almost as good as using both. I highly recommend a 250 (240) in the 455 IF. I also have a 500 in the 8.83 IF. When I'm tuning around looking for DX or trying to pull out the weak ones, I am constantly switching between all filter combinations I have. I believe INRAD also has a narrower filter than 250 but I would think it would be too narrow however I sure would like to try one someday.
Bob WE6C

--- On Tue, 11/30/10, Crownhaven <crownhaven@...> wrote:

From: Crownhaven <crownhaven@...>
Subject: Re: [TS-850_450_690] Filters
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, November 30, 2010, 8:19 AM

I personally like the use the 1800 filter in conjunction with CW

listening. I go down to a 500 Hz filter when necessary but find the

1800 filter kind of takes the edge of the noise for general tuning,

etc. I have never tried the 2100 filter but heard someone say they

worked very well too.

Would love to hear more opinions on filter choices. I am primarily a CW op.

Steve, N4JQQ

On 11/30/2010 9:52 AM, waynesmithvo1ta wrote:

>

> I am looking to pick up a ssb filter for my 850. Have been looking at

> Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to

> go with. It will be used mostly for contesting.

> I have the two 8.83 slots filled with Kenwoods 500hz filters.

> Wondering if this combination will work.

> Any info would be much appreciated. Wayne

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

9929. Re: Electrolytic Capacitor Change / Overhaul on 850 / 450 / 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-02 01:27:24 UTC
From: kc5cqw
Topic: 9915 Message: 9929

I say do it! I always recap tube rigs with the original caps installed.
10-15 years is about as far as an electrolytic cap will last in service.
I just replaced my leaky C104 (TS-450) a few months ago and thought of doing a full cap replacement one day as well.

A great source for caps is here:
http://www.justradios.com/
Dave sells to the tube radio crowd but he should have what you need.
His site is a great tool in its self. Lots of info for sure!

73, Damon

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
> Hi to all
> I want to ask any suggestion or comment regarding electrolytic capacitor overhauling / change on TS 850 / 450 / 690. My brother have this radios for over 10yrs, we did experience the common leaking problem of capacitor on 450 and 690 that cause damage to the radio but luckly we have it repaired.
>
> At this time i was thinking to overhaul / change all the electrolytic capacitors since its not that expensive, only time and technical know how is needed, i do have metcal desoldering tool that is why i think it would not be to hard to remove.
>
> So my question is, is it worth to replace all? Since this radios will be for keeps in the ham shack. Do someone have a good comment or advise?
>
> Thank you,
> Alex
> DV1TBX
>

9930. Re: Electrolytic Capacitor Change / Overhaul on 850 / 450 / 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-02 01:50:11 UTC
From: kc5cqw
Topic: 9915 Message: 9930

I just looked at Dave's site and... It is for high voltage tube rigs.
16V is probably as high as these newer Kenwoods' would use.

--- In TS-850_450_690@yahoogroups.com, "kc5cqw" <kc5cqw@...> wrote:
>
> I say do it! I always recap tube rigs with the original caps installed.
> 10-15 years is about as far as an electrolytic cap will last in service.
> I just replaced my leaky C104 (TS-450) a few months ago and thought of doing a full cap replacement one day as well.
>
> A great source for caps is here:
> http://www.justradios.com/
> Dave sells to the tube radio crowd but he should have what you need.
> His site is a great tool in its self. Lots of info for sure!
>
> 73, Damon
>
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> > Hi to all
> > I want to ask any suggestion or comment regarding electrolytic capacitor overhauling / change on TS 850 / 450 / 690. My brother have this radios for over 10yrs, we did experience the common leaking problem of capacitor on 450 and 690 that cause damage to the radio but luckly we have it repaired.
> >
> > At this time i was thinking to overhaul / change all the electrolytic capacitors since its not that expensive, only time and technical know how is needed, i do have metcal desoldering tool that is why i think it would not be to hard to remove.
> >
> > So my question is, is it worth to replace all? Since this radios will be for keeps in the ham shack. Do someone have a good comment or advise?
> >
> > Thank you,
> > Alex
> > DV1TBX
> >
>

9931. Re: [TS-850_450_690] Re: Electrolytic Capacitor Change / Overhaul on 850 / 450 / 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-02 04:56:30 UTC
From: David Struebel
Topic: 9915 Message: 9931

What board is the typical leaking c104 on in the TS-450?

Dave WB2FTX
----- Original Message -----
From: "kc5cqw" <kc5cqw@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 01, 2010 8:50 PM
Subject: [TS-850_450_690] Re: Electrolytic Capacitor Change / Overhaul on 850 / 450 / 690

> --- In TS-850_450_690@yahoogroups.com, "kc5cqw" <kc5cqw@...> wrote:
>>
>> I say do it! I always recap tube rigs with the original caps installed.
>> 10-15 years is about as far as an electrolytic cap will last in service.
>> I just replaced my leaky C104 (TS-450) a few months ago and thought of
>> doing a full cap replacement one day as well.
>>
>>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 426/3291 - Release Date: 12/01/10

9932. Re: VFO scanning on 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-02 13:03:27 UTC
From: Alex
Topic: 9654 Message: 9932

Hi
Pls post again if you repaired the radio by changing the encoder.
Thanks

73,
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "kb3ccn" <n3qam@...> wrote:
>
> Here is an update. I was able to get the part ordered from kenwoodparts.
>
> Kenwood KEN-W02-1836-15 $64.95
> Shipping/Handling: $14.95
> Tax: $4.80
>
> GRAND TOTAL: $84.70
>
>
> WHAT A SCAM ..... They charged me 14.95 on shipping on a part that was a few ounces BECAUSE it is in the second tier price category. AND they charged me tax. Last time I checked, they are NOT in my home state of PA to charge me sales tax.
>
> They quoted me a price on the phone that was 5 dollars less the posted price, THEN jacked the shipping up 5 bucks more because I did not web order.
>
>
> grrrrrrrrrrr
>

9933. Re: Another serial number post

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-03 21:33:09 UTC
From: w7smj
Topic: 9881 Message: 9933

Hi Randy,

Yes, I purchased the rig off of ebay. I just checked it out last night and it seems in great condition (with the exception of some broken pins on one of the filter sockets).

The original owner I purchased the rig from included the original sales receipt and the rig was actually purchased in 1996. Kenwood has confirmed the year of manufacture was 1995 so I guess the serial number conventional wisdom is true.

73,
Scott

--- In TS-850_450_690@yahoogroups.com, Randy Downs <randyddowns@...> wrote:
>
> Scott, you were the one that bought it off of Ebay ? I was watching that
> one. I have an 8x, should be last year built, 1996. I think he is confused.
> Randy
> K8RDD
>
>

9934. Re: TS-450 Intermittent signal problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 00:46:41 UTC
From: Alex
Topic: 9461 Message: 9934

Hi,

I just read this post lately and want to contribute some info, it might be a solution. I repaired my brother's TS450 in which he complain he is having a problem on weak and intermitent RX, at first i instruct him to check SO239 connection inside and try to resolder it. Still it doesnt solve it. So when i got my hand on the radio i check, i found out that the SO239 center connector on the radio is moving and giving pressure to the wire connected in the SO239 and the PCB board i suspect that the solder under the PCB has a cold solder already. The center of SO239 move every time we remove the coax, like change antenna, change coax connection etc...

So i remove the filter board and check underneat, and its right there is a cold solder causing loss of RX, i improve it by increasing the solder area of the wire to make it more stronger (remove the green paint and expose the copper to solder) After this it worked fine now and the solder connection underneat is ok because of the solder reinforcement.

Hope this helps to other.

Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "Paul Cavnar" <k7in@...> wrote:
>
> Thanks to those who offered suggestions on my problem. I checked the coax
> connector and it's internal lead and it is fine. I did discover an anomaly
> that I can't explain but, seems to have solved the problem.
>
> I unplugged the SP-23 speaker to pull the radio out and check inside. When
> I did, the 'cutting out' symptoms stopped. However, I discovered that
> moving the speaker cable around and putting just a slight pressure on the
> plug would cause the cutting-out to recur. After checking the coax
> connection, putting the covers back on and plugging in the speaker, I cannot
> get the cutting-out problem to manifest itself again. Pressing and tapping
> on the radio have no effect. So, I am suspecting there may have been
> something going on with the speaker jack. What doesn't make sense is that
> the signal level drops off as well when it cuts out so, I am still left with
> a mystery. I have been listening and tuning the radio all afternoon on most
> bands and it has functioned flawlessly since I found the speaker plug
> connection. So, who knows. If and when it occurs again, I will go directly
> to the speaker jack next time the radio is opened and check all around that
> area.
>
> 73, Paul - K7IN
>
>
> [Non-text portions of this message have been removed]

>

9935. TS 850 Frequency display moving

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 01:14:53 UTC
From: Alex
Topic: 9935 Message: 9935

Hi,

I just want to know if someone experience this problem, i tried to search some the same problem in the group forum, i found one topic but not sure if the same problem.

The 850 display is changing the Hz freq. either up or down even not moving the dial, in short the freq display is running? to stop it you need to move the main tuning dial. After a while it will run again. Sort of weird but if happen, can some one give me points where to check or any post number related to this problem.

Me and my brother have a this 850/450/690 in our shack and we love the radio and plan to keep it.

Hope Mr. Cliff will help again.

Thank you,

Alex
DV1TBX

9936. Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 05:23:30 UTC
From: w7smj
Topic: 9936 Message: 9936

Hi Group,

I finally put an antenna on my new to me 850 and the receiver is dead. It works as I can tune WWV on 2.5 MHz but it is extremely weak and barely audible. My 2000 is receiving WWV at S7 so I know it's not the antenna.

I did install three optional filters and when installing the filters I noticed two pins on one of the 8.83 MHz filter connectors were broken off. I carefully soldered some wires to act as new pins and I don't believe I hurt anything doing this. Of course it could be the golden soldering iron...

Anyway I have tried the usual suspects, RF Gain, Attenuator, Slope Tuning, SQL with no joy. I removed all of the filters but still no luck.

I have seen mention in the group of Q49 being a possibility or perhaps the glass bead arrestor.

Any ideas or guidance?

Thanks & 73,
Scott

9937. Re: [TS-850_450_690] Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 05:36:26 UTC
From: Tom Osborne
Topic: 9936 Message: 9937

This may sound silly, but is the ATT button pushed in? 73
Tom W7WHY

Hi Group,

I finally put an antenna on my new to me 850 and the receiver is dead. It works as I can tune WWV on 2.5 MHz but it is extremely weak and barely audible. My 2000 is receiving WWV at S7 so I know it's not the antenna.

I did install three optional filters and when installing the filters I noticed two pins on one of the 8.83 MHz filter connectors were broken off. I carefully soldered some wires to act as new pins and I don't believe I hurt anything doing this. Of course it could be the golden soldering iron...

Anyway I have tried the usual suspects, RF Gain, Attenuator, Slope Tuning, SQL with no joy. I removed all of the filters but still no luck.

I have seen mention in the group of Q49 being a possibility or perhaps the glass bead arrestor.

Any ideas or guidance?

Thanks & 73,
Scott

9938. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 06:29:59 UTC
From: w7smj
Topic: 9936 Message: 9938

Hi Tom,

There's actually two attenuator buttons to switch in 6dB, 12dB or 18db of attenuation. I have tried all positions with no luck. It sounds like the attenuators are working as the signal fades when they are activated.

Thanks,
Scott

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> This may sound silly, but is the ATT button pushed in? 73
> Tom W7WHY
>
>

9939. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 06:35:03 UTC
From: w7smj
Topic: 9936 Message: 9939

After searching a little more I see that D31 may be a possible failure point. Is D31 on the TRX board? Sorry, I know I should be looking at the service manual for this info...

I saw one thread where low RXB indicates a D31 failure and checking this I read 7.91v so I guess that's probably not the issue???

9940. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 10:36:02 UTC
From: bud Thompson
Topic: 9936 Message: 9940

RF Gain all the way clockwise?

Squelch all way CCW?

AIP out?

Bottom right corner front panel.

Inside knob full clockwise

Outside know full ccw

bud N0IA

[Non-text portions of this message have been removed]

9941. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 16:11:09 UTC
From: avvidclif
Topic: 9936 Message: 9941

Go look at your soldering job very closely. Those pins are just ground pins and not needed. They are cut off to use Inrad filters and don't need to be added back for Kenwood.

The RXB is correct so D31 is out.

DO NOT tweak, align, or anything else until you know what the problem is. Alignment does not cure a failed component.

Clif

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> After searching a little more I see that D31 may be a possible failure point. Is D31 on the TRX board? Sorry, I know I should be looking at the service manual for this info...
>
> I saw one thread where low RXB indicates a D31 failure and checking this I read 7.91v so I guess that's probably not the issue???
>

9942. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 20:51:40 UTC
From: w7smj
Topic: 9936 Message: 9942

Hi Bud,

Yes to all.

Thanks,
Scott

--- In TS-850_450_690@yahoogroups.com, "bud Thompson" <budt@...> wrote:
>
> RF Gain all the way clockwise?
>
>
>
> Squelch all way CCW?
>
>
>
> AIP out?
>
>
>
> Bottom right corner front panel.
>
>
>
> Inside knob full clockwise
>
> Outside know full ccw
>
>
>
> bud N0IA
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

9943. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-04 21:02:58 UTC
From: w7smj
Topic: 9936 Message: 9943

Hi Clif,

Good to know, I guess I should have left well enough alone. That makes sense as it looked like they had been deliberately cut and I couldn't see how they could have broken off during an install or removal...

I'll remove the wires I added and inspect the board carefully to make sure there are no shorts.

Thanks,
Scott

ahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Go look at your soldering job very closely. Those pins are just ground pins and not needed. They are cut off to use Inrad filters and don't need to be added back for Kenwood.
>
> The RXB is correct so D31 is out.
>
> DO NOT tweak, align, or anything else until you know what the problem is. Alignment does not cure a failed component.
>
> Clif

9944. 850s - Power and Carrier controls ???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-05 16:59:21 UTC
From: dick_na7i
Topic: 9944 Message: 9944

Hello all,

I'm a newbie on this group. I have acquired a used 850s that seems pretty nice, works well at least on receive. I am trying to figure out how the transmit controls work. My experience is only with tube finals (as on my 830s), where you have plate dip, load, etc.

I can figure it out - I guess one just turns it on, sets the mode switches, etc - makes sure the tuner will 'tune' the antenna (it has the built-in tuner), and 'fire away'. BUT:

The manual is pretty lacking in describing exactly what the 'Power' control does, and in just how to read the display meter. I would think that the 'Carrier' control sets cw output power without the need of any separate 'power' control, no? That's how it works on other radios I've used, including my 830s.

With key down (low carrier out), I see TWO lines generated in the meter display - one above the ALC line, one below.

No explanation whatever in the manual.

So my questions: What is the purpose of the 'power' knob? How does it work in cw, and in SSB ? (??)

And, could someone explain how to 'read' the two lines in the meter? I have some guesses, but actual knowledge would help, since there is no discussion in the manual.

Many thanks -

Dick Chaffer NA7I
Bozeman, MT

9945. Re: 850s - Power and Carrier controls ???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-05 18:31:53 UTC
From: ah6rr1
Topic: 9944 Message: 9945

Welcome to TS-850 ownership Dick,

You will really enjoy your 850. First lets start with the meter, you will notice the meter has 2 segments like you said one above the ALC (Power out) and one below (ALC and SWR). The top one is the receive S meter in the RX mode and when in TX is showing power out. Now for the second part if you will notice the Meter button just to the right of the CAR/Key Speed control if you push that it will change the bottom segment of the meter to read SWR-ALC-Nothing.
Now we get to the Power and CAR controls first is the car control and you guessed right it does control the CW/AM/FSK/FM power out (when using AM turn down to 25W). And the Power control is for SSB/AM operations for AM operations set the CAR to 25W and adjust the power for foward drive if you go too much you will see a backward swing of the power meter or reverse modulation as the 11 meter crowd calls it. When using the Auto Tuner you must have at least 10W of drive power so if the CAR control is turned down too much the Tuner will not tune.

Enjoy the fine rig
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "dick_na7i" <jrich@...> wrote:
>
> Hello all,
>
> I'm a newbie on this group. I have acquired a used 850s that seems pretty nice, works well at least on receive. I am trying to figure out how the transmit controls work. My experience is only with tube finals (as on my 830s), where you have plate dip, load, etc.
>
> I can figure it out - I guess one just turns it on, sets the mode switches, etc - makes sure the tuner will 'tune' the antenna (it has the built-in tuner), and 'fire away'. BUT:
>
> The manual is pretty lacking in describing exactly what the 'Power' control does, and in just how to read the display meter. I would think that the 'Carrier' control sets cw output power without the need of any separate 'power' control, no? That's how it works on other radios I've used, including my 830s.
>
> With key down (low carrier out), I see TWO lines generated in the meter display - one above the ALC line, one below.
>
> No explanation whatever in the manual.
>
> So my questions: What is the purpose of the 'power' knob? How does it work in cw, and in SSB ? (??)
>
> And, could someone explain how to 'read' the two lines in the meter? I have some guesses, but actual knowledge would help, since there is no discussion in the manual.
>

> Many thanks -
>
> Dick Chaffer NA7I
> Bozeman, MT
>

9946. Re: [TS-850_450_690] Re: 850s - Power and Carrier controls ???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-05 19:12:23 UTC
From: Crownhaven
Topic: 9944 Message: 9946

Roland, any cons at all to the INRAD roofing filter you are using???? I
was wondering if anything came up after you have had a chance to really
break it in?

Steve, N4JQQ

On 12/5/2010 12:31 PM, ah6rr1 wrote:
>
> Welcome to TS-850 ownership Dick,
>
> You will really enjoy your 850. First lets start with the meter, you
> will notice the meter has 2 segments like you said one above the ALC
> (Power out) and one below (ALC and SWR). The top one is the receive S
> meter in the RX mode and when in TX is showing power out. Now for the
> second part if you will notice the Meter button just to the right of
> the CAR/Key Speed control if you push that it will change the bottom
> segment of the meter to read SWR-ALC-Nothing.
> Now we get to the Power and CAR controls first is the car control and
> you guessed right it does control the CW/AM/FSK/FM power out (when
> using AM turn down to 25W). And the Power control is for SSB/AM
> operations for AM operations set the CAR to 25W and adjust the power
> for foward drive if you go too much you will see a backward swing of
> the power meter or reverse modulation as the 11 meter crowd calls it.
> When using the Auto Tuner you must have at least 10W of drive power so
> if the CAR control is turned down too much the Tuner will not tune.
>
> Enjoy the fine rig
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "dick_na7i" <jrich@...> wrote:
> >
> > Hello all,
> >
> > I'm a newbie on this group. I have acquired a used 850s that seems
> pretty nice, works well at least on receive. I am trying to figure out
> how the transmit controls work. My experience is only with tube finals
> (as on my 830s), where you have plate dip, load, etc.
> >
> > I can figure it out - I guess one just turns it on, sets the mode
> switches, etc - makes sure the tuner will 'tune' the antenna (it has
> the built-in tuner), and 'fire away'. BUT:
> >
> > The manual is pretty lacking in describing exactly what the 'Power'
> control does, and in just how to read the display meter. I would think

> that the 'Carrier' control sets cw output power without the need of
> any separate 'power' control, no? That's how it works on other radios
> I've used, including my 830s.
> >
> > With key down (low carrier out), I see TWO lines generated in the
> meter display - one above the ALC line, one below.
> >
> > No explanation whatever in the manual.
> >
> > So my questions: What is the purpose of the 'power' knob? How does
> it work in cw, and in SSB ? (??)
> >
> > And, could someone explain how to 'read' the two lines in the meter?
> I have some guesses, but actual knowledge would help, since there is
> no discussion in the manual.
> >
> > Many thanks -
> >
> > Dick Chaffer NA7I
> > Bozeman, MT
> >
>
>

[Non-text portions of this message have been removed]

9947. sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-05 18:29:43 UTC
From: david broger
Topic: 9947 Message: 9947

Hi
Is there a problem to use a sdr as a panadapter for a TS-850S (maybe while tx)?

73 David, HB9RVS

9948. Re: [TS-850_450_690] sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-05 21:19:08 UTC
From: Randy Downs
Topic: 9947 Message: 9948

Not here using N8LP's pana. with PowersdrIf modified by W2UX. Works great.
In fact if using it for rx it's as good as it gets according to Rob
Sherwood's sherweng.com site. Same as the Flex.
Randy
K8RDD

On Sun, Dec 5, 2010 at 1:29 PM, david broger <dabrog@...> wrote:

>
>
> Hi
> Is there a problem to use a sdr as a panadapter for a TS-850S (maybe while
> tx)?
>
> 73 David, HB9RVS
>
>
>

[Non-text portions of this message have been removed]

9949. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 07:09:41 UTC
From: w7smj
Topic: 9936 Message: 9949

Update on my receiver problem:

I removed the wires I added and inspected the joints with a magnafying glass and there are no shorts, all looks well.

I checked Q49 on the RF board and it looks good, 12V on the output.

I also checked the surge absorber, D16 on the filter board and it looks good.

Any ideas? Should I start working my way backwards on the IF board?

Thanks,
Scott

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> Hi Clif,
>
> Good to know, I guess I should have left well enough alone. That makes sense as it looked like they had been deliberately cut and I couldn't see how they could have broken off during an install or removal...
>
> I'll remove the wires I added and inspect the board carefully to make sure there are no shorts.
>
> Thanks,
> Scott
>

9950. Re: 850s - Power and Carrier controls ???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 07:15:02 UTC
From: ah6rr1
Topic: 9944 Message: 9950

None what so ever. Unless you like to swl the AM SW stations they do not sound as good as before the roofing filter but since I dont who cares.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Welcome to TS-850 ownership Dick,
>
> You will really enjoy your 850. First lets start with the meter, you will notice the meter has 2 segments like you said one above the ALC (Power out) and one below (ALC and SWR). The top one is the receive S meter in the RX mode and when in TX is showing power out. Now for the second part if you will notice the Meter button just to the right of the CAR/Key Speed control if you push that it will change the bottom segment of the meter to read SWR-ALC-Nothing.
> Now we get to the Power and CAR controls first is the car control and you guessed right it does control the CW/AM/FSK/FM power out (when using AM turn down to 25W). And the Power control is for SSB/AM operations for AM operations set the CAR to 25W and adjust the power for foward drive if you go too much you will see a backward swing of the power meter or reverse modulation as the 11 meter crowd calls it. When using the Auto Tuner you must have at least 10W of drive power so if the CAR control is turned down too much the Tuner will not tune.
>
> Enjoy the fine rig
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "dick_na7i" <jrich@> wrote:
> >
> > Hello all,
> >
> > I'm a newbie on this group. I have acquired a used 850s that seems pretty nice, works well at least on receive. I am trying to figure out how the transmit controls work. My experience is only with tube finals (as on my 830s), where you have plate dip, load, etc.
> >
> > I can figure it out - I guess one just turns it on, sets the mode switches, etc - makes sure the tuner will 'tune' the antenna (it has the built-in tuner), and 'fire away'. BUT:
> >
> > The manual is pretty lacking in describing exactly what the 'Power' control does, and in just how to read the display meter. I would think that the 'Carrier' control sets cw output power without the need of any separate 'power' control, no? That's how it works on other radios I've used, including my 830s.
> >
> > With key down (low carrier out), I see TWO lines generated in the meter display - one above the ALC line, one below.
> >
> > No explanation whatever in the manual.

> >
> > So my questions: What is the purpose of the 'power' knob? How does it work in cw, and in SSB ? (??)
> >
> > And, could someone explain how to 'read' the two lines in the meter? I have some guesses, but actual knowledge would help, since there is no discussion in the manual.
> >
> > Many thanks -
> >
> > Dick Chaffer NA7I
> > Bozeman, MT
> >
>

9951. Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 07:50:32 UTC
From: Zack Widup
Topic: 9951 Message: 9951

I think I asked about this some time ago but no one ever answered it. Ever since I got my TS-850 (secondhand), the slope tuning has never been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz and 455 kHz Kenwood filters in it.

The high-cut slope tuning control goes through a "zero" of low frequency in the three-o'clock position with the CW filter activated. I have used other TS-850's where this "zero" was in a different position, farther counterclockwise. The high-cut control doesn't seem to adequately high cut at all in the CW position. Slope tuning seems OK with the 2.7 kHz filters activated.

I hope that description adequately describes the problem. Any idea what is the cause of this? Bad filter? Is there an internal adjustment to compensate for it?

73, Zack W9SZ

9952. Re: 850s - Power and Carrier controls ???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 14:24:17 UTC
From: dick_na7i
Topic: 9944 Message: 9952

Thanks Roland; I appreciate the explanation. I also got some help via regular email from a fellow ham who saw this message.

This is a good group, and now I wish I'd bought one of these fine radios new years ago.

Dick NA7I
Bozeman

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Welcome to TS-850 ownership Dick,
>
> You will really enjoy your 850. First lets start with the meter, you will notice the meter has 2 segments like you said one above the ALC (Power out) and one below (ALC and SWR). The top one is the receive S meter in the RX mode and when in TX is showing power out. Now for the second part if you will notice the Meter button just to the right of the CAR/Key Speed control if you push that it will change the bottom segment of the meter to read SWR-ALC-Nothing.
> Now we get to the Power and CAR controls first is the car control and you guessed right it does control the CW/AM/FSK/FM power out (when using AM turn down to 25W). And the Power control is for SSB/AM operations for AM operations set the CAR to 25W and adjust the power for foward drive if you go too much you will see a backward swing of the power meter or reverse modulation as the 11 meter crowd calls it. When using the Auto Tuner you must have at least 10W of drive power so if the CAR control is turned down too much the Tuner will not tune.
>
> Enjoy the fine rig
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "dick_na7i" <jrich@> wrote:
> >
> > Hello all,
> >
> > I'm a newbie on this group. I have acquired a used 850s that seems pretty nice, works well at least on receive. I am trying to figure out how the transmit controls work. My experience is only with tube finals (as on my 830s), where you have plate dip, load, etc.
> >
> > I can figure it out - I guess one just turns it on, sets the mode switches, etc - makes sure the tuner will 'tune' the antenna (it has the built-in tuner), and 'fire away'. BUT:
> >
> > The manual is pretty lacking in describing exactly what the 'Power' control does, and in just how to read the display meter. I would think that the 'Carrier' control sets cw output power without the need of any separate 'power' control, no? That's how it works on other radios I've used, including my 830s.
> >

> > With key down (low carrier out), I see TWO lines generated in the meter display - one above the ALC line, one below.
> >
> > No explanation whatever in the manual.
> >
> > So my questions: What is the purpose of the 'power' knob? How does it work in cw, and in SSB ? (??)
> >
> > And, could someone explain how to 'read' the two lines in the meter? I have some guesses, but actual knowledge would help, since there is no discussion in the manual.
> >
> > Many thanks -
> >
> > Dick Chaffer NA7I
> > Bozeman, MT
> >
>

9953. Re: Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 18:28:45 UTC
From: finaldrives
Topic: 9951 Message: 9953

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I think I asked about this some time ago but no one ever answered it.
> Ever since I got my TS-850 (secondhand), the slope tuning has never
> been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
> and 455 kHz Kenwood filters in it.
>
> The high-cut slope tuning control goes through a "zero" of low
> frequency in the three-o'clock position with the CW filter activated.
> I have used other TS-850's where this "zero" was in a different
> position, farther counterclockwise. The high-cut control doesn't seem
> to adequately high cut at all in the CW position. Slope tuning seems
> OK with the 2.7 kHz filters activated.
>
> I hope that description adequately describes the problem. Any idea
> what is the cause of this? Bad filter? Is there an internal adjustment
> to compensate for it?
>
> 73, Zack W9SZ
>
for slope function corectly you have to insert and activate both 500Hz filters...or
250Hz(8.83) and 500Hz(455)...

9954. Re: [TS-850_450_690] Re: Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 19:27:48 UTC
From: Zack Widup
Topic: 9951 Message: 9954

I was wondering if it would work with just the 8.83 MHz CW filter. That's the way it came when I bought it. I'm guessing the previous owner wasn't a big CW operator.

So I guess I also need to get the 455 kHz CW filter?

73, Zack W9SZ

On Mon, Dec 6, 2010 at 12:28 PM, finaldrives <finaldrives@yahoo.com> wrote:

>
>
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Zack Widup <w9sz.zack@...> wrote:
> >
> > I think I asked about this some time ago but no one ever answered it.
> > Ever since I got my TS-850 (secondhand), the slope tuning has never
> > been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
> > and 455 kHz Kenwood filters in it.
> >
> > The high-cut slope tuning control goes through a "zero" of low
> > frequency in the three-o'clock position with the CW filter activated.
> > I have used other TS-850's where this "zero" was in a different
> > position, farther counterclockwise. The high-cut control doesn't seem
> > to adequately high cut at all in the CW position. Slope tuning seems
> > OK with the 2.7 kHz filters activated.
> >
> > I hope that description adequately describes the problem. Any idea
> > what is the cause of this? Bad filter? Is there an internal adjustment
> > to compensate for it?
> >
> > 73, Zack W9SZ
> >
>
for slope function corectly you have to insert and activate both 500Hz
> filters...or 250Hz(8.83) and 500Hz(455)...
>
>
>

[Non-text portions of this message have been removed]

9955. Re: [TS-850_450_690] Re: 850s - Power and Carrier controls ???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 19:37:29 UTC
From: Bob Naylor
Topic: 9944 Message: 9955

My 850 manual has all this in it. It says to use the CAR control for CW, to have the ALC meter go to the end of it's red segment, then the power control is your power out. Also the meter button has one more function, the compression level. It works only when you have the COMP on.
You must have some pages missing out of your manual or Kenwood left it out on later runs????? Bob WE6C

--- On Mon, 12/6/10, dick_na7i <jrich@...> wrote:

From: dick_na7i <jrich@...>
Subject: [TS-850_450_690] Re: 850s - Power and Carrier controls ???
To: TS-850_450_690@yahoogroups.com
Date: Monday, December 6, 2010, 6:24 AM

Thanks Roland; I appreciate the explanation. I also got some

help via regular email from a fellow ham who saw this message.

This is a good group, and now I wish I'd bought one of these

fine radios new years ago.

Dick NA7I

Bozeman

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:

>

> Welcome to TS-850 ownership Dick,

>

> You will really enjoy your 850. First lets start with the meter, you will notice the meter has 2 segments like you said one above the ALC (Power out) and one below (ALC and SWR). The top one is the receive S meter in the RX mode and when in TX is showing power out. Now for the second part if you will notice the Meter button just to the right of the CAR/Key Speed control if you push that it will change the bottom segment of the meter to read SWR-ALC-Nothing.

> Now we get to the Power and CAR controls first is the car control and you guessed right it does control the CW/AM/FSK/FM power out (when using AM turn down to 25W). And the Power control is for SSB/AM operations for AM operations set the CAR to 25W and adjust the power for foward drive if you go too much you will see a backward swing of the power meter or reverse modulation as the 11 meter crowd calls it. When using the Auto Tuner you must have at least 10W of drive power so if the CAR control is turned down too much the Tuner will not tune.

>

> Enjoy the fine rig

> Roland AH6RR

>

> --- In TS-850_450_690@yahoogroups.com, "dick_na7i" <jrich@> wrote:

> >

> > Hello all,

> >

> > I'm a newbie on this group. I have acquired a used 850s that seems pretty nice, works well at least on receive. I am trying to figure out how the transmit controls work. My experience is only with tube finals (as on my 830s), where you have plate dip, load, etc.

> >

> > I can figure it out - I guess one just turns it on, sets the mode switches, etc - makes sure the tuner will 'tune' the antenna (it has the built-in tuner), and 'fire away'. BUT:

> >

> > The manual is pretty lacking in describing exactly what the 'Power' control does, and in just how to read the display meter. I would think that the 'Carrier' control sets cw output power without the need of any separate 'power' control, no? That's how it works on other radios I've used, including my 830s.

> >

> > With key down (low carrier out), I see TWO lines generated in the meter display - one above the ALC line, one below.

> >

> > No explanation whatever in the manual.

> >

> > So my questions: What is the purpose of the 'power' knob? How does it work in cw, and in SSB ? (??)

> >

> > And, could someone explain how to 'read' the two lines in the meter? I have some guesses, but actual knowledge would help, since there is no discussion in the manual.

> >

> > Many thanks -

> >

> > Dick Chaffer NA7I

> > Bozeman, MT

> >

>

[Non-text portions of this message have been removed]

9956. Re: sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 20:07:09 UTC
From: david broger
Topic: 9947 Message: 9956

Hi Randy
tnx fer answ. No problem while tx?

David, HB9rvs

--- In TS-850_450_690@yahoogroups.com, Randy Downs <randyddowns@...> wrote:
>
> Not here using N8LP's pana. with PowersdrIf modified by W2UX. Works great.
> In fact if using it for rx it's as good as it gets according to Rob
> Sherwood's sherweng.com site. Same as the Flex.
> Randy
> K8RDD
>
> On Sun, Dec 5, 2010 at 1:29 PM, david broger <dabrog@...> wrote:
>
> > >
> > >
> > > Hi
> > > Is there a problem to use a sdr as a panadapter for a TS-850S (maybe while
> > > tx)?
> > >
> > > 73 David, HB9RVS
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
>

9957. no s-meter deflection while rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 20:23:16 UTC
From: david broger
Topic: 9957 Message: 9957

Hi
Since yesterday I have no s-meter deflection while rx (on all bands exept 160m). I can switch the agc knob but there is no difference in audio. Any ideas?

David, HB9RVS

9958. Re: Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 20:41:09 UTC
From: finaldrives
Topic: 9951 Message: 9958

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I was wondering if it would work with just the 8.83 MHz CW filter. That's
> the way it came when I bought it. I'm guessing the previous owner wasn't a
> big CW operator.
>
> So I guess I also need to get the 455 kHz CW filter?
>
> 73, Zack W9SZ
>
>
> On Mon, Dec 6, 2010 at 12:28 PM, finaldrives <finaldrives@...> wrote:
>
> >
> > >
> > >
> > >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > Zack Widup <w9sz.zack@> wrote:
> > > >
> > > > I think I asked about this some time ago but no one ever answered it.
> > > > Ever since I got my TS-850 (secondhand), the slope tuning has never
> > > > been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
> > > > and 455 kHz Kenwood filters in it.
> > > >
> > > > The high-cut slope tuning control goes through a "zero" of low
> > > > frequency in the three-o'clock position with the CW filter activated.
> > > > I have used other TS-850's where this "zero" was in a different
> > > > position, farther counterclockwise. The high-cut control doesn't seem
> > > > to adequately high cut at all in the CW position. Slope tuning seems
> > > > OK with the 2.7 kHz filters activated.
> > > >
> > > > I hope that description adequately describes the problem. Any idea
> > > > what is the cause of this? Bad filter? Is there an internal adjustment
> > > > to compensate for it?
> > > >
> > > > 73, Zack W9SZ
> > > >
> > >
> > for slope function corectly you have to insert and activate both 500Hz
> > > filters...or 250Hz(8.83) and 500Hz(455)...
> > >
> > >
> > >
> >

>
> [Non-text portions of this message have been removed]
>
yes...
I am using 500Hz in 455 slot and 500+250Hz in 8.83 slot...most of the time using 500+500,and on crowded bands(contests,etc.)500+250...slope works very,very good with this combination...

9959. Re: [TS-850_450_690] Re: sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 20:49:34 UTC
From: Randy Downs
Topic: 9947 Message: 9959

None
Randy
K8RDD

On Mon, Dec 6, 2010 at 3:07 PM, david broger <dabrog@sunrise.ch> wrote:

>
>
> Hi Randy
> tnx fer answ. No problem while tx?
>
> David, HB9rvs
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Randy Downs <randyddowns@...> wrote:
> >
> > Not here using N8LP's pana. with PowersdrIf modified by W2UX. Works
> great.
> > In fact if using it for rx it's as good as it gets according to Rob
> > Sherwood's sherweng.com site. Same as the Flex.
> > Randy
> > K8RDD
> >
> > On Sun, Dec 5, 2010 at 1:29 PM, david broger <dabrog@...> wrote:
> >
> > >
> > >
> > > Hi
> > > Is there a problem to use a sdr as a panadapter for a TS-850S (maybe
> while
> > > tx)?
> > >
> > > 73 David, HB9RVS
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>

[Non-text portions of this message have been removed]

9960. Re: [TS-850_450_690] no s-meter deflection while rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 20:52:42 UTC
From: Dave ve3wej
Topic: 9957 Message: 9960

check r1 through r4 for open circuit on the RF?? if?? (cant remember) board related to the attenuator circuit I could check if you need more info...

----- Original Message -----
From: "david broger" <dabrog@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 06, 2010 3:23 PM
Subject: [TS-850_450_690] no s-meter deflection while rx

> Hi
> Since yesterday I have no s-meter deflection while rx (on all bands exept
> 160m). I can switch the agc knob but there is no difference in audio. Any
> ideas?
>
> David, HB9RVS
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9961. Re: [TS-850_450_690] Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 20:50:01 UTC
From: Dave ve3wej
Topic: 9951 Message: 9961

I find the slope tuning varies on the filters used. I have similar to (1.8 FILTERSSB INSTEAD), and my slope tuning works fine, BUT it also depends on you switch settings (under the little panel on top)

maybe check those

sw 4 or 3 for cw filter, look at the label for correct sw on for narr or reg cw filter

sw2 no connection

sw1 for the 455 filter

if these are not set correct, the filter will not vary (noticably)

I also wonder if your 2.7 filter would be part of the cause.

Dave
----- Original Message -----
From: "Zack Widup" <w9sz.zack@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 06, 2010 2:50 AM
Subject: [TS-850_450_690] Slope tuning problem

>I think I asked about this some time ago but no one ever answered it.
> Ever since I got my TS-850 (secondhand), the slope tuning has never
> been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
> and 455 kHz Kenwood filters in it.
>
> The high-cut slope tuning control goes through a "zero" of low
> frequency in the three-o'clock position with the CW filter activated.
> I have used other TS-850's where this "zero" was in a different
> position, farther counterclockwise. The high-cut control doesn't seem
> to adequately high cut at all in the CW position. Slope tuning seems
> OK with the 2.7 kHz filters activated.
>
> I hope that description adequately describes the problem. Any idea
> what is the cause of this? Bad filter? Is there an internal adjustment
> to compensate for it?
>
> 73, Zack W9SZ
>
>
> ----------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

>
>

9962. Re: no s-meter deflection while rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-06 21:06:50 UTC
From: david broger
Topic: 9957 Message: 9962

Hi Dave
Would be great if you have more infos.

David, HB9RVS

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> check r1 through r4 for open circuit on the RF?? if?? (cant remember)
> board related to the attenuator circuit I could check if you need more
> info...
>
>
>
>
> ----- Original Message -----
> From: "david broger" <dabrog@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, December 06, 2010 3:23 PM
> Subject: [TS-850_450_690] no s-meter deflection while rx
>
>
> > Hi
> > Since yesterday I have no s-meter deflection while rx (on all bands exept
> > 160m). I can switch the agc knob but there is no difference in audio. Any
> > ideas?
> >
> > David, HB9RVS
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

9963. Re: Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 04:00:13 UTC
From: ah6rr1
Topic: 9951 Message: 9963

Here's what I found with my 850 and 2.1Khz SSB and 500hz filter in the 8.83Mhz IF and the 455 filled with a 2.1Khz filter. Looking on the waterfall of HRD DM780 with the 2.1 filters engauged I get full control of slope bothe hi and low but when I use the 500Hz filter only the high side works.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "finaldrives" <finaldrives@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> >
> > I was wondering if it would work with just the 8.83 MHz CW filter. That's
> > the way it came when I bought it. I'm guessing the previous owner wasn't a
> > big CW operator.
> >
> > So I guess I also need to get the 455 kHz CW filter?
> >
> > 73, Zack W9SZ
> >
> >
> > On Mon, Dec 6, 2010 at 12:28 PM, finaldrives <finaldrives@> wrote:
> >
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > > Zack Widup <w9sz.zack@> wrote:
> > > >
> > > > I think I asked about this some time ago but no one ever answered it.
> > > > Ever since I got my TS-850 (secondhand), the slope tuning has never
> > > > been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
> > > > and 455 kHz Kenwood filters in it.
> > > >
> > > > The high-cut slope tuning control goes through a "zero" of low
> > > > frequency in the three-o'clock position with the CW filter activated.
> > > > I have used other TS-850's where this "zero" was in a different
> > > > position, farther counterclockwise. The high-cut control doesn't seem
> > > > to adequately high cut at all in the CW position. Slope tuning seems
> > > > OK with the 2.7 kHz filters activated.
> > > >
> > > > I hope that description adequately describes the problem. Any idea
> > > > what is the cause of this? Bad filter? Is there an internal adjustment

> > > > to compensate for it?
> > > >
> > > > 73, Zack W9SZ
> > > >
> > >
> > for slope function corectly you have to insert and activate both 500Hz
> > > filters...or 250Hz(8.83) and 500Hz(455)...
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> yes...
> I am using 500Hz in 455 slot and 500+250Hz in 8.83 slot...most of the time using 500+500,and on crowded bands(contests,etc.)500+250...slope works very,very good with this combination...
>

9964. Re: [TS-850_450_690] Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 04:23:12 UTC
From: Zack Widup
Topic: 9951 Message: 9964

Guess I'll have to get me a 500 Hz filter for 455 kHz. Maybe I can
talk Santa into bringing me one this year.
:-)

73, Zack W9SZ

On 12/6/10, Dave ve3wej <ve3wej@...> wrote:
> I find the slope tuning varies on the filters used. I have similar to (1.8
> FILTERSSB INSTEAD), and my slope tuning works fine, BUT it also depends on
> you switch settings (under the little panel on top)
>
> maybe check those
>
> sw 4 or 3 for cw filter, look at the label for correct sw on for narr or reg
> cw filter
>
> sw2 no connection
>
> sw1 for the 455 filter
>
>
> if these are not set correct, the filter will not vary (noticably)
>
> I also wonder if your 2.7 filter would be part of the cause.
>
>
>
>
> Dave
> ----- Original Message -----
> From: "Zack Widup" <w9sz.zack@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, December 06, 2010 2:50 AM
> Subject: [TS-850_450_690] Slope tuning problem
>
>
>>I think I asked about this some time ago but no one ever answered it.
>> Ever since I got my TS-850 (secondhand), the slope tuning has never
>> been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
>> and 455 kHz Kenwood filters in it.
>>
>> The high-cut slope tuning control goes through a "zero" of low
>> frequency in the three-o'clock position with the CW filter activated.
>> I have used other TS-850's where this "zero" was in a different
>> position, farther counterclockwise. The high-cut control doesn't seem

>> to adequately high cut at all in the CW position. Slope tuning seems
>> OK with the 2.7 kHz filters activated.
>>
>> I hope that description adequately describes the problem. Any idea
>> what is the cause of this? Bad filter? Is there an internal adjustment
>> to compensate for it?
>>
>> 73, Zack W9SZ
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>
>>
>>
>
>

9965. Re: [TS-850_450_690] Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 05:15:31 UTC
From: Tom Osborne
Topic: 9951 Message: 9965

HI Zack

If you can get one, the Inrad filters are much better than the Kenwood. I have a 400 and 250 cycle Inrads and they really work good. I have a kenwood 500 cycle in the 2nd radio and it seems much wider than 500 cycles. 73
Tom W7WHY

Guess I'll have to get me a 500 Hz filter for 455 kHz. Maybe I can talk Santa into bringing me one this year.
:-)

73, Zack W9SZ

9966. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 05:23:50 UTC
From: w7smj
Topic: 9936 Message: 9966

Hi group,

I decided to start from the front end and looked at Q2 & Q3. From my poor copy of the service manual it looks to me like they should have 2V on the source, 0V on the gates and 9.8V on the drains.

I have measured 0V source, 0V gate and 9.96V drain. That obviously looks suspect. Does this indicate Q1 & Q2 are bad or possibly C105 and/or C106 are shorted?

Hopefully tomorrow I'll have some time to measure Q1 voltages...

Thanks for any help!
Scott
W7SMJ
--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> Update on my receiver problem:
>
> I removed the wires I added and inspected the joints with a magnafying glass and there are no shorts, all looks well.
>
> I checked Q49 on the RF board and it looks good, 12V on the output.
>
> I also checked the surge absorber, D16 on the filter board and it looks good.
>
> Any ideas? Should I start working my way backwards on the IF board?
>
> Thanks,
> Scott
>

9967. PSK modes ts450s and mic mute?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 07:55:06 UTC
From: pb0aob
Topic: 9967 Message: 9967

Hi all,
When i use psk with home build interface for audio on the ACC2 bus and switch the ptt on the ACC 2 bus the mic is muted.
But when i want to do PTT via tha Ham Radio de Luxe program and DM780, does anyone know if the mic is also muted then?
I make a cat interface for ts450s with two opto couplers 4n27, as simple as possible, any problems with that so far that you know?
GrRob , Pb0aob

9968. Re: [TS-850_450_690] Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 13:55:20 UTC
From: Zack Widup
Topic: 9951 Message: 9968

Yes, that's what I was thinking. I believe Inrad has a sale some time
early each year, too.

73, Zack W9SZ

On 12/6/10, Tom Osborne <w7why@...> wrote:
> HI Zack
>
> If you can get one, the Inrad filters are much better than the Kenwood. I
> have a 400 and 250 cycle Inrads and they really work good. I have a kenwood
> 500 cycle in the 2nd radio and it seems much wider than 500 cycles. 73
> Tom W7WHY
>
>
> Guess I'll have to get me a 500 Hz filter for 455 kHz. Maybe I can
> talk Santa into bringing me one this year.
> :-)
>
> 73, Zack W9SZ
>
>

9969. Re: Dead Receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 15:29:46 UTC
From: avvidclif
Topic: 9936 Message: 9969

Q2 and Q3 are a preamp used above 22 MHz.

Q1 is used below.

Clif

--- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@...> wrote:
>
> Hi group,
>
> I decided to start from the front end and looked at Q2 & Q3. From my poor copy of the service manual it looks to me like they should have 2V on the source, 0V on the gates and 9.8V on the drains.
>
> I have measured 0V source, 0V gate and 9.96V drain. That obviously looks suspect. Does this indicate Q1 & Q2 are bad or possibly C105 and/or C106 are shorted?
>
> Hopefully tomorrow I'll have some time to measure Q1 voltages...
>
> Thanks for any help!
> Scott
> W7SMJ
> --- In TS-850_450_690@yahoogroups.com, "w7smj" <w7smj@> wrote:
> >
> > Update on my receiver problem:
> >
> > I removed the wires I added and inspected the joints with a magnafying glass and there are no shorts, all looks well.
> >
> > I checked Q49 on the RF board and it looks good, 12V on the output.
> >
> > I also checked the surge absorber, D16 on the filter board and it looks good.
> >
> > Any ideas? Should I start working my way backwards on the IF board?
> >
> > Thanks,
> > Scott
> >
>

9970. Re: sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-07 19:49:08 UTC
From: david broger
Topic: 9947 Message: 9970

Best thanks

David, HB9RVS

--- In TS-850_450_690@yahoogroups.com, Randy Downs <randyddowns@...> wrote:
>
> None
> Randy
> K8RDD
>
> On Mon, Dec 6, 2010 at 3:07 PM, david broger <dabrog@...> wrote:
>
> >
> >
> > Hi Randy
> > tnx fer answ. No problem while tx?
> >
> > David, HB9rvs
> >
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > Randy Downs <randyddowns@> wrote:
> > >
> > > Not here using N8LP's pana. with PowersdrIf modified by W2UX. Works
> > great.
> > > In fact if using it for rx it's as good as it gets according to Rob
> > > Sherwood's sherweng.com site. Same as the Flex.
> > > Randy
> > > K8RDD
> > >
> > > On Sun, Dec 5, 2010 at 1:29 PM, david broger <dabrog@> wrote:
> > >
> > > >
> > > >
> > > > Hi
> > > > Is there a problem to use a sdr as a panadapter for a TS-850S (maybe
> > while
> > > > tx)?
> > > >
> > > > 73 David, HB9RVS
> > > >
> > > >
> > > >
> > >
> > >

> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9971. Re: [TS-850_450_690] PSK modes ts450s and mic mute?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-08 01:32:16 UTC
From: Dave ve3wej
Topic: 9967 Message: 9971

if you run to pin 9 for ptt, then diode to pin 13, I beleive the mic DOES
get muted.....

have someone listen to you psk, while you yell in the mike

Dave Garber

VE3IE/VE3WEJ
----- Original Message -----
From: "pb0aob" <renahil@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, December 07, 2010 2:55 AM
Subject: [TS-850_450_690] PSK modes ts450s and mic mute?

> Hi all,
> When i use psk with home build interface for audio on the ACC2 bus and
> switch the ptt on the ACC 2 bus the mic is muted.
> But when i want to do PTT via tha Ham Radio de Luxe program and DM780,
> does anyone know if the mic is also muted then?
> I make a cat interface for ts450s with two opto couplers 4n27, as simple
> as possible, any problems with that so far that you know?
> GrRob , Pb0aob
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9972. Re: [TS-850_450_690] Re: no s-meter deflection while rx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-08 02:28:20 UTC
From: Dave ve3wej
Topic: 9957 Message: 9972

send me an email direct so I can attach files, images for you to find on
schematic..

ve3wej@...

----- Original Message -----
From: "david broger" <dabrog@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 06, 2010 4:06 PM
Subject: [TS-850_450_690] Re: no s-meter deflection while rx

> Hi Dave
> Would be great if you have more infos.
>
> David, HB9RVS
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>>
>> check r1 through r4 for open circuit on the RF?? if?? (cant remember)
>> board related to the attenuator circuit I could check if you need
>> more
>> info...
>>
>>
>>
>>
>> ----- Original Message -----
>> From: "david broger" <dabrog@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Monday, December 06, 2010 3:23 PM
>> Subject: [TS-850_450_690] no s-meter deflection while rx
>>
>>
>> > Hi
>> > Since yesterday I have no s-meter deflection while rx (on all bands
>> > exept
>> > 160m). I can switch the agc knob but there is no difference in audio.
>> > Any
>> > ideas?
>> >
>> > David, HB9RVS
>> >
>> >
>> >

>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9973. TS850SAT UK Based with DSP-100 & SP31 Speaker Forsale Must go soon

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-08 20:32:47 UTC
From: Jay Knight
Topic: 9973 Message: 9973

Hiya all I need to sell my faithfull TS-850S with the ATU add in and DSP-100 Unit because i've been offered a TS-2000 which I need as I work alot of portable and field day contests. I know that the 850 knocks spots off the 2000 on RX but this is the radio I really need at the moment.

My 850 id in VGC with the rare DSP-100 unit and all cables and also includes the SP-31 noise cancelling speaker and fist Mic (keeping the sesk mic). On ebay recently just the DSP-100 fetched £698 but I value my complete set up at around the £900 mark as it's in such good condition and has been unmolested.

If anyone in the UK or Europe is interested in buying or trading for a TS 2000 please email me and we can have a deal. My email is M6JPK@...

I also have an unopened LF-30A Low Pass Filter to include aswell.

Any one with plans for making a homebrew data cable for HRD control and datamodes it would be greatlt appreciated.

73's de Jay M6JPK

[Non-text portions of this message have been removed]

9974. Re: wtb ts 850sat AND DSP 100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-08 20:34:19 UTC
From: Jay Knight
Topic: 9429 Message: 9974

I have both forsale please email me at m6jpk@...

73's de Jay

--- In TS-850_450_690@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> looking for ts 850 in nice condition as well dsp 100
> uk england only please
> please send pic and price
> many thanks
>
>
> E.P
>
>
> [Non-text portions of this message have been removed]
>

9975. TS-850S 13 pin DIN will not fit ACC 2 Port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-09 04:58:49 UTC
From: k4zot
Topic: 9975 Message: 9975

I just received my new TS-850S and I am very pleased with its performance especially the audio reports I have gotten. I hooked up HRD and CAT also works well (6 pin DIN). So when I got to hooking up my SignaLink USB for PSK31 I had to buy a new interface cable from Tigertronics to plug into the TS-850S 13 pin DIN ACC 2 Port, but it just will not push all the way in and seat. I checked each of the 13 female connectors in the rear and everyone is open to a paper clip. But the connector wil not seat all the way something is blocking it. I even tried a second 13 DIN same results. What could be blocking the conector if all the pins are clear? Need some advise on what to check?

Also, can I get to the 13 DIN connector from inside the 850 or is it oovered by circuit boards. I have not opened it up.

Thanks,

Glenn

9976. MC-60 Mic Setting and Amp?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-09 05:33:00 UTC
From: k4zot
Topic: 9976 Message: 9976

What is the recommended Imp. setting on the MC-60 mic - 50K or 500 (the small switch on the side of the mic)?

Also, what is the difference between the MC-60 and MC-60A.

Last, is the MC-60 Mic Amp useful (bottom base switch) and how does it work with the 850's High Boost and Proc?

Thanks,

Glenn - K4ZOT

9977. Re: [TS-850_450_690] MC-60 Mic Setting and Amp?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-09 16:14:11 UTC
From: Bob Naylor
Topic: 9976 Message: 9977

When I bought an MC50 (fifty) for my 850 I got on the air with a friend and we made audio tests. The switch is in the position that had the best audio. I don't remember what the position is. My friend was 2 miles away so we had nice strong signals to do the test, on HF.
Bob WE6C

--- On Wed, 12/8/10, k4zot <packardg@...> wrote:

From: k4zot <packardg@...>
Subject: [TS-850_450_690] MC-60 Mic Setting and Amp?
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, December 8, 2010, 9:33 PM

What is the recommended Imp. setting on the MC-60 mic - 50K or 500 (the small switch on the side of the mic)?

Also, what is the difference between the MC-60 and MC-60A.

Last, is the MC-60 Mic Amp useful (bottom base switch) and how does it work with the 850's High Boost and Proc?

Thanks,

Glenn - K4ZOT

[Non-text portions of this message have been removed]

9978. Re: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-09 20:24:05 UTC
From: Dave ve3wej
Topic: 9975 Message: 9978

If more than one connector will not fit, then I would suspect there may be
something in the socket.

I know from mine, the connector has to be squarely pushed to fit.....

good luck

----- Original Message -----
From: "k4zot" <packardg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 08, 2010 11:58 PM
Subject: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port

>
> I just received my new TS-850S and I am very pleased with its performance
> especially the audio reports I have gotten. I hooked up HRD and CAT also
> works well (6 pin DIN). So when I got to hooking up my SignaLink USB for
> PSK31 I had to buy a new interface cable from Tigertronics to plug into
> the TS-850S 13 pin DIN ACC 2 Port, but it just will not push all the way
> in and seat. I checked each of the 13 female connectors in the rear and
> everyone is open to a paper clip. But the connector wil not seat all the
> way something is blocking it. I even tried a second 13 DIN same results.
> What could be blocking the conector if all the pins are clear? Need some
> advise on what to check?
>
> Also, can I get to the 13 DIN connector from inside the 850 or is it
> oovered by circuit boards. I have not opened it up.
>
> Thanks,
>
> Glenn
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9979. Re: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-09 21:46:52 UTC
From: Tom Osborne
Topic: 9975 Message: 9979

I noticed that happened here to the connectors on both radios.

You have to be really sure that the pins on the plug are straight. If they
are just a little crooked they don't want to install into the socket. Once
you get it in right, it works fine after that. 73
Tom W7WHY

If more than one connector will not fit, then I would suspect there may be
something in the socket.

I know from mine, the connector has to be squarely pushed to fit.....

good luck

----- Original Message -----
From: "k4zot" <packardg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 08, 2010 11:58 PM
Subject: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port

>
> I just received my new TS-850S and I am very pleased with its performance
> especially the audio reports I have gotten. I hooked up HRD and CAT also
> works well (6 pin DIN). So when I got to hooking up my SignaLink USB for
> PSK31 I had to buy a new interface cable from Tigertronics to plug into
> the TS-850S 13 pin DIN ACC 2 Port, but it just will not push all the way
> in and seat. I checked each of the 13 female connectors in the rear and
> everyone is open to a paper clip. But the connector wil not seat all the
> way something is blocking it. I even tried a second 13 DIN same results.
> What could be blocking the conector if all the pins are clear? Need some
> advise on what to check?
>
> Also, can I get to the 13 DIN connector from inside the 850 or is it
> oovered by circuit boards. I have not opened it up.
>
> Thanks,
>
> Glenn
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

>

9980. Re: TS-850S 13 pin DIN will not fit ACC 2 Port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-09 23:18:34 UTC
From: waynesmithvo1ta
Topic: 9975 Message: 9980

I found that on mine it was the metal shell or casing that was the problem in getting the plug to seat properly, The casing was not quite round, Had to slide the plastic cover back a little and squeeze the two halves of the case together to get it to fit.

Cheers Wayne

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
>
> I just received my new TS-850S and I am very pleased with its performance especially the audio reports I have gotten. I hooked up HRD and CAT also works well (6 pin DIN). So when I got to hooking up my SignaLink USB for PSK31 I had to buy a new interface cable from Tigertronics to plug into the TS-850S 13 pin DIN ACC 2 Port, but it just will not push all the way in and seat. I checked each of the 13 female connectors in the rear and everyone is open to a paper clip. But the connector wil not seat all the way something is blocking it. I even tried a second 13 DIN same results. What could be blocking the conector if all the pins are clear? Need some advise on what to check?
>
> Also, can I get to the 13 DIN connector from inside the 850 or is it oovered by circuit boards. I have not opened it up.
>
> Thanks,
>
> Glenn
>

9981. Re: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-10 05:34:14 UTC
From: Crownhaven
Topic: 9975 Message: 9981

Common problem......the shell is the problem. Just wiggle it until
everything lines up. It is aggravating.

Steve, N4JQQ

On 12/9/2010 3:46 PM, Tom Osborne wrote:
>
> I noticed that happened here to the connectors on both radios.
>
> You have to be really sure that the pins on the plug are straight. If
> they
> are just a little crooked they don't want to install into the socket.
> Once
> you get it in right, it works fine after that. 73
> Tom W7WHY
>
> If more than one connector will not fit, then I would suspect there may be
> something in the socket.
>
> I know from mine, the connector has to be squarely pushed to fit.....
>
> good luck
>
> ----- Original Message -----
> From: "k4zot" <packardg@... <mailto:packardg%40bellsouth.net>>
> To: <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>>
> Sent: Wednesday, December 08, 2010 11:58 PM
> Subject: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port
>
> >
> > I just received my new TS-850S and I am very pleased with its
> performance
> > especially the audio reports I have gotten. I hooked up HRD and CAT also
> > works well (6 pin DIN). So when I got to hooking up my SignaLink USB for
> > PSK31 I had to buy a new interface cable from Tigertronics to plug into
> > the TS-850S 13 pin DIN ACC 2 Port, but it just will not push all the way
> > in and seat. I checked each of the 13 female connectors in the rear and
> > everyone is open to a paper clip. But the connector wil not seat all the
> > way something is blocking it. I even tried a second 13 DIN same results.
> > What could be blocking the conector if all the pins are clear? Need some
> > advise on what to check?
> >
> > Also, can I get to the 13 DIN connector from inside the 850 or is it
> > oovered by circuit boards. I have not opened it up.

> >
> > Thanks,
> >
> > Glenn
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

9982. Re: TS-850S 13 pin DIN will not fit ACC 2 Port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-10 18:07:17 UTC
From: k4zot
Topic: 9975 Message: 9982

OK, I finally got it after a great deal of twisting, turning and jiggling of the connector. PSK31 works great. Thanks for the help.

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Common problem......the shell is the problem. Just wiggle it until
> everything lines up. It is aggravating.
>
> Steve, N4JQQ
>
> On 12/9/2010 3:46 PM, Tom Osborne wrote:
> >
> > I noticed that happened here to the connectors on both radios.
> >
> > You have to be really sure that the pins on the plug are straight. If
> > they
> > are just a little crooked they don't want to install into the socket.
> > Once
> > you get it in right, it works fine after that. 73
> > Tom W7WHY
> >
> > If more than one connector will not fit, then I would suspect there may be
> > something in the socket.
> >
> > I know from mine, the connector has to be squarely pushed to fit.....
> >
> > good luck
> >
> > ----- Original Message -----
> > From: "k4zot" <packardg@... <mailto:packardg%40bellsouth.net>>
> > To: <TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>>
> > Sent: Wednesday, December 08, 2010 11:58 PM
> > Subject: [TS-850_450_690] TS-850S 13 pin DIN will not fit ACC 2 Port
> >
> > >
> > > I just received my new TS-850S and I am very pleased with its
> > performance
> > > especially the audio reports I have gotten. I hooked up HRD and CAT also
> > > works well (6 pin DIN). So when I got to hooking up my SignaLink USB for
> > > PSK31 I had to buy a new interface cable from Tigertronics to plug into
> > > the TS-850S 13 pin DIN ACC 2 Port, but it just will not push all the way
> > > in and seat. I checked each of the 13 female connectors in the rear and

> > > everyone is open to a paper clip. But the connector wil not seat all the
> > > way something is blocking it. I even tried a second 13 DIN same results.
> > > What could be blocking the conector if all the pins are clear? Need some
> > > advise on what to check?
> > >
> > > Also, can I get to the 13 DIN connector from inside the 850 or is it
> > > oovered by circuit boards. I have not opened it up.
> > >
> > > Thanks,
> > >
> > > Glenn
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...
> > <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> > >
> > >
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

9983. Re: TS-850 AGC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-10 22:28:08 UTC
From: david broger
Topic: 3865 Message: 9983

How much should be the voltage at pin 1 of Z10? 6V or 2.8V. I have the 2.8V - the same as pt1....

David

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@...> wrote:
>
> See that you have -6 volts on pin 1 of Z10, the AGC
> module on the IF unit. See also that pins 5, 12 and 13
> change state as you rotate the AGC switch; these are
> the control pins for the 4066 which select the
> different time constant caps for the AGC line.
>
> bill
>
> --- Ken Shutt <kgshutt@...> wrote:
>
> > I have noticed that the AGC switch on my 850 does
> > not seem to change the AGC speed. Slow, Medium and
> > Fast all seem the same. When switched off, the
> > switch seems to work properly.
> >
> > Any ideas on what is wrong?
> >
> > Ken - K5GUU
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
>
> When in doubt, MODIFY...
>

9984. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-10 22:56:29 UTC
From: david broger
Topic: 9957 Message: 9984

The problem is still not solved...
I think it's an agc issue. agc off and on is no difference in audio. I can switch the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?

David

9985. Replacing the final ampl driver transistors in a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-10 22:20:39 UTC
From: wa4pub@aol.com
Topic: 9985 Message: 9985

Hello to the group!

I'm repairing a TS-450S for a disabled friend and colleague. He has had it in the shop before but, it had low - no power output. So it's my turn to give it a try.

I found that it had defective Q2 & Q3 driver transistors (type 2SC2509). I've ordered, and since received a new pair from RF Parts Co. They sent me a matched pair of 2SC1945; the originals are no longer available.

They also sent me circuit modification information as follows:
a) "SWAMP B-B W/ 15 OHMS"
b) "REDUCE F.B. RES TO 100 OHMS"

I understand what's being said in item a. However, I would appreciate any comments or directions from the group as to the implementation of item b, which I can't understand, especially when I look at Kenwood's Circuit Diagram (HF 100 W FINAL UNIT (X45-3400-01).

I don't want to risk blowing up the new expensive drivers, so ...

In the Q2, Q3 driver stage itself, I replaced R8 & R9, C7 & C8 and rewound L6 & L7 in the feedback circuit. I also replaced the 15 ohm bias resistors, R6 & R7.

I have checked out the Q6 BIAS DRIVE transistor. Q6 is good! I also replaced capacitors C14, C15 & C16. VR1 was replaced. Resistors R22, R23 & R24 are "dead on." Thermistor D2 checks OK (by the data sheets). Choke L5 & L8 are OK. All etched traces check OK.

I have gone to the extreme of replacing all of the electrolytic caps on the 14 &
14S supply busses on the circuit bus since the rig is pretty old.

I want you to know that I appreciate any and all comments and information the group can provide. You can email me separately, if you so desire. _wa4pub@..._ (mailto:wa4pub@...)

Many thanks and MERRY CHRISTMAS TO ALL!

Dave - WA4PUB

[Non-text portions of this message have been removed]

9986. Re: Replacing the final ampl driver transistors in a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-11 16:08:30 UTC
From: avvidclif
Topic: 9985 Message: 9986

Why didn't you use the 2509's from Kenwood??? $46 for a pair and no circuit mods.

"B" refers to R8, R9.

Clif

--- In TS-850_450_690@yahoogroups.com, wa4pub@... wrote:
>
> Hello to the group!
>
> I'm repairing a TS-450S for a disabled friend and colleague. He has had it
> in the shop before but, it had low - no power output. So it's my turn to
> give it a try.
>
> I found that it had defective Q2 & Q3 driver transistors (type 2SC2509).
> I've ordered, and since received a new pair from RF Parts Co. They sent me
> a matched pair of 2SC1945; the originals are no longer available.
>
> They also sent me circuit modification information as follows:
> a) "SWAMP B-B W/ 15 OHMS"
> b) "REDUCE F.B. RES TO 100 OHMS"
>
> I understand what's being said in item a. However, I would
> appreciate any comments or directions from the group as to
> the implementation of item b, which I can't understand, especially
> when I look at Kenwood's Circuit Diagram (HF 100 W FINAL UNIT
> (X45-3400-01).
>
> I don't want to risk blowing up the new expensive drivers, so ...
>
> In the Q2, Q3 driver stage itself, I replaced R8 & R9, C7 & C8
> and rewound L6 & L7 in the feedback circuit. I also replaced
> the 15 ohm bias resistors, R6 & R7.
>
> I have checked out the Q6 BIAS DRIVE transistor. Q6 is good!
> I also replaced capacitors C14, C15 & C16. VR1 was replaced.
> Resistors R22, R23 & R24 are "dead on." Thermistor D2 checks OK
> (by the data sheets). Choke L5 & L8 are OK. All etched traces check OK.
>
> I have gone to the extreme of replacing all of the electrolytic caps on the
> 14 &
> 14S supply busses on the circuit bus since the rig is pretty old.
>
> I want you to know that I appreciate any and all comments and
> information the group can provide. You can email me separately,
> if you so desire. _wa4pub@..._ (mailto:wa4pub@...)

>
> Many thanks and MERRY CHRISTMAS TO ALL!
>
> Dave - WA4PUB
>
>
>
> [Non-text portions of this message have been removed]
>

9987. Re: Replacing the final ampl driver transistors in a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-11 18:42:22 UTC
From: wa4pub@aol.com
Topic: 9985 Message: 9987

Thanks for the quick response, Clif.

I didn't know that Kenwood had (2SC2509) replacement trans at such a good price. Oh well ...
That's why I went to RF Parts. I'll know better the next time.

Thanks for the clarification of item b "REDUCE F.B. RES TO 100 OHMS" When I read "F.B.", I took it to mean "Forward Bias" instead of "Feed Back".
Early on, I was considering changing R8 & R9 from 180 ohms to 150 ohms.
But, I didn't because I was worried about too great a reduction in stage gain.
However, thanks to your clarification, I will go ahead and change R8 & R9 to 100 ohms.

I really appreciate you're being there for me and the group!

Regards,

Dave - WA4PUB

[Non-text portions of this message have been removed]

9988. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-13 09:36:06 UTC
From: finaldrives
Topic: 9957 Message: 9988

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> The problem is still not solved...
> I think it's an agc issue. agc off and on is no difference in audio. I can switch the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?
>
> David
>
Hi David..I had an issue with ALC...
all caps on small AGC board(bottom side of TS-850S) replaced...
if they are with blue dot mark on top replace them all soon as possible
clean the board with acetone and then recap the whole board...
I think there is small value one 0.22uF or something..put ceramic or silver mica one...not ELECLTROLITIC...

9989. RE: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-13 09:43:25 UTC
From: Jose V. Gavila
Topic: 9957 Message: 9989

Hello!

I would NOT use acetone, as it is, IMHO, too strong. I always use alcohol (medical kind, 96º) to clean capacitor residue and it has worked fine for about 20 TS-850S CAR UNITs so far.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

-----Mensaje original-----
De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] En nombre de finaldrives
Enviado el: lunes, 13 de diciembre de 2010 10:36
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> The problem is still not solved...
> I think it's an agc issue. agc off and on is no difference in audio. I can switch the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?
>
> David
>
Hi David..I had an issue with ALC...
all caps on small AGC board(bottom side of TS-850S) replaced...
if they are with blue dot mark on top replace them all soon as possible
clean the board with acetone and then recap the whole board...
I think there is small value one 0.22uF or something..put ceramic or silver mica one...not ELECLTROLITIC...

9990. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-13 19:51:02 UTC
From: david broger
Topic: 9957 Message: 9990

Thanks for the answer
I loaded a photo from the agc-board into the Photos section (Folder: TS-850 HB9RVS). On the c's are no blue dots. I thought there is only a problem with the electrolytic capacitor. Which one ist the most critical on the board? Maybe I will resolder one an check it with my lc-meter.

David

--- In TS-850_450_690@yahoogroups.com, "finaldrives" <finaldrives@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> >
> > The problem is still not solved...
> > I think it's an agc issue. agc off and on is no difference in audio. I can switch the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?
> >
> > David
> >
> Hi David..I had an issue with ALC...
> all caps on small AGC board(bottom side of TS-850S) replaced...
> if they are with blue dot mark on top replace them all soon as possible
> clean the board with acetone and then recap the whole board...
> I think there is small value one 0.22uF or something..put ceramic or silver mica one...not ELECLTROLITIC...
>

9991. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-13 22:10:01 UTC
From: avvidclif
Topic: 9957 Message: 9991

What are you using to generate a signal that should be giving an s-meter reading? It may be deaf as a post....

Clif

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Thanks for the answer
> I loaded a photo from the agc-board into the Photos section (Folder: TS-850 HB9RVS). On the c's are no blue dots. I thought there is only a problem with the electrolytic capacitor. Which one ist the most critical on the board? Maybe I will resolder one an check it with my lc-meter.
>
> David
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "finaldrives" <finaldrives@> wrote:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> > >
> > > The problem is still not solved...
> > > I think it's an agc issue. agc off and on is no difference in audio. I can switch the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?
> > >
> > > David
> > >
> > Hi David..I had an issue with ALC...
> > all caps on small AGC board(bottom side of TS-850S) replaced...
> > if they are with blue dot mark on top replace them all soon as possible
> > clean the board with acetone and then recap the whole board...
> > I think there is small value one 0.22uF or something..put ceramic or silver mica one...not ELECLTROLITIC...
> >
>

9992. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-14 20:33:57 UTC
From: david broger
Topic: 9957 Message: 9992

Hi Clif
I take a Elecraft XG2 and give 50uV (@ 7.060 MHz) to the antenna connector. This produces with the 2.7kHz filter about S4 (should be S9). With the 500Hz filter no deflection....

David

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What are you using to generate a signal that should be giving an s-meter reading? It may be deaf as a post....
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> >
> > Thanks for the answer
> > I loaded a photo from the agc-board into the Photos section (Folder: TS-850 HB9RVS). On the c's are no blue dots. I thought there is only a problem with the electrolytic capacitor. Which one ist the most critical on the board? Maybe I will resolder one an check it with my lc-meter.
> >
> > David
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "finaldrives" <finaldrives@> wrote:
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> > > >
> > > > The problem is still not solved...
> > > > I think it's an agc issue. agc off and on is no difference in audio. I can switch the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?
> > > >
> > > > David
> > > >
> > > > Hi David..I had an issue with ALC...
> > > > all caps on small AGC board(bottom side of TS-850S) replaced...
> > > > if they are with blue dot mark on top replace them all soon as possible
> > > > clean the board with acetone and then recap the whole board...
> > > > I think there is small value one 0.22uF or something..put ceramic or silver mica one...not ELECLTROLITIC...
> > > >

> >
>

9993. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-14 20:43:00 UTC
From: avvidclif
Topic: 9957 Message: 9993

Ok, that says the AGC circuit is fine. It's working with the 2.7 filter so the radio is probably deaf as a post. Oh and the CW filter has a problem also.

The XG-2 has 2 levels, what does it do on the 1uv setting? It should be loud and clear. If not quit looking at the AGC and fix the rx. Try the other bands also and see if you get the same???

Clif

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Hi Clif
> I take a Elecraft XG2 and give 50uV (@ 7.060 MHz) to the antenna connector. This produces with the 2.7kHz filter about S4 (should be S9). With the 500Hz filter no deflection....
>
> David
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What are you using to generate a signal that should be giving an s-meter reading? It may be deaf as a post....
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> > >
> > > Thanks for the answer
> > > I loaded a photo from the agc-board into the Photos section (Folder: TS-850 HB9RVS). On the c's are no blue dots. I thought there is only a problem with the electrolytic capacitor. Which one ist the most critical on the board? Maybe I will resolder one an check it with my lc-meter.
> > >
> > > David
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "finaldrives" <finaldrives@> wrote:
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> > > > >
> > > > > The problem is still not solved...
> > > > > I think it's an agc issue. agc off and on is no difference in audio. I can switch

the agc button: no difference in audio. The time select of ic 10 is working (pin 5, 12 and 13). How can I checke (voltage) if agc is on or off?
> > > > >
> > > > > David
> > > > >
> > > > Hi David..I had an issue with ALC...
> > > > all caps on small AGC board(bottom side of TS-850S) replaced...
> > > > if they are with blue dot mark on top replace them all soon as possible
> > > > clean the board with acetone and then recap the whole board...
> > > > I think there is small value one 0.22uF or something..put ceramic or silver mica one...not ELECLTROLITIC...
> > > >
> > >
> >
>

9994. 950 sd

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-14 21:23:58 UTC
From: MikeR
Topic: 9994 Message: 9994

Does anyone know how I can get into the secret menu for the 950sd?? I know theres one for the sdx but I need the one for the sd if possible. Thanks Mike k1icq

9995. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-14 21:36:21 UTC
From: dave3wave
Topic: 9957 Message: 9995

Hi Clif
On 40m is 1uV nearly not hearable. On 20 and 80m: 1uV is not hearable; with 2.7kHz filter: no s-meter deflection.

David

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Ok, that says the AGC circuit is fine. It's working with the 2.7 filter so the radio is probably deaf as a post. Oh and the CW filter has a problem also.
>
> The XG-2 has 2 levels, what does it do on the 1uv setting? It should be loud and clear. If not quit looking at the AGC and fix the rx. Try the other bands also and see if you get the same???
>
> Clif
>

9996. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-14 23:32:57 UTC
From: avvidclif
Topic: 9957 Message: 9996

Yep, deaf as a post. Check the filter diodes first and then Q49. After that????

Clif

--- In TS-850_450_690@yahoogroups.com, "dave3wave" <dabrog@...> wrote:
>
> Hi Clif
> On 40m is 1uV nearly not hearable. On 20 and 80m: 1uV is not hearable; with 2.7kHz filter: no s-meter deflection.
>
> David
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Ok, that says the AGC circuit is fine. It's working with the 2.7 filter so the radio is probably deaf as a post. Oh and the CW filter has a problem also.
> >
> > The XG-2 has 2 levels, what does it do on the 1uv setting? It should be loud and clear. If not quit looking at the AGC and fix the rx. Try the other bands also and see if you get the same???
> >
> > Clif
> >
>

9997. MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-15 04:16:25 UTC
From: k4zot
Topic: 9997 Message: 9997

I have read confusing comments on the right MC-60 mic setting - 50K or 500. What is the opinion of the group? Which setting on the mic is best to use with the 850?

Thanks,

Glenn K4ZOT

9998. Re: [TS-850_450_690] MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-15 14:32:56 UTC
From: Dave ve3wej
Topic: 9997 Message: 9998

I know its been a while since I had a mc-60, did it have a choice??? I know the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..

----- Original Message -----
From: "k4zot" <packardg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, December 14, 2010 11:16 PM
Subject: [TS-850_450_690] MC-60 Mic Setting - 50K or 500 Imp.?

>
> I have read confusing comments on the right MC-60 mic setting - 50K or
> 500. What is the opinion of the group? Which setting on the mic is best
> to use with the 850?
>
> Thanks,
>
> Glenn K4ZOT
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

9999. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-15 19:47:43 UTC
From: david broger
Topic: 9957 Message: 9999

sorry for my question: filter diodes on the filter board? Which diodes? Q49 on which board?

David

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Yep, deaf as a post. Check the filter diodes first and then Q49. After that????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "dave3wave" <dabrog@> wrote:
> >
> > Hi Clif
> > On 40m is 1uV nearly not hearable. On 20 and 80m: 1uV is not hearable; with 2.7kHz filter: no s-meter deflection.
> >
> > David
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Ok, that says the AGC circuit is fine. It's working with the 2.7 filter so the radio is probably deaf as a post. Oh and the CW filter has a problem also.
> > >
> > > The XG-2 has 2 levels, what does it do on the 1uv setting? It should be loud and clear. If not quit looking at the AGC and fix the rx. Try the other bands also and see if you get the same???
> > >
> > > Clif
> > >
> >
>

10000. Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-15 19:36:44 UTC
From: k4zot
Topic: 9997 Message: 10000

Thank you very much .

Glenn

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> I know its been a while since I had a mc-60, did it have a choice??? I know
> the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..
>
>
> ----- Original Message -----
> From: "k4zot" <packardg@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, December 14, 2010 11:16 PM
> Subject: [TS-850_450_690] MC-60 Mic Setting - 50K or 500 Imp.?
>
>
> > I have read confusing comments on the right MC-60 mic setting - 50K or
> > 500. What is the opinion of the group? Which setting on the mic is best
> > to use with the 850?
> >
> > Thanks,
> >
> > Glenn K4ZOT
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

10001. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-15 21:51:59 UTC
From: avvidclif
Topic: 9957 Message: 10001

Sorry, I could have been more clear.

The rx BPF diodes on the RF unit short and cause problems. Q49 is an attenuator on the RF unit that is turned on in tx to protect the front end. When it shorts it causes about 20db of attenuation.

Check msg 9726.

Clif

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> sorry for my question: filter diodes on the filter board? Which diodes? Q49 on which board?
>
> David
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Yep, deaf as a post. Check the filter diodes first and then Q49. After that????
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "dave3wave" <dabrog@> wrote:
> > >
> > > Hi Clif
> > > On 40m is 1uV nearly not hearable. On 20 and 80m: 1uV is not hearable; with 2.7kHz filter: no s-meter deflection.
> > >
> > > David
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Ok, that says the AGC circuit is fine. It's working with the 2.7 filter so the radio is probably deaf as a post. Oh and the CW filter has a problem also.
> > > >
> > > > The XG-2 has 2 levels, what does it do on the 1uv setting? It should be loud and clear. If not quit looking at the AGC and fix the rx. Try the other bands also and see if you get the same???
> > > >

> > > > Clif
> > > >
> > >
> >
>

10002. Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-16 14:25:21 UTC
From: dick_na7i
Topic: 9997 Message: 10002

About the MC-50 -

This is interesting. I have my original MC-50 sitting here, it has three switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself. There appears to be no impedance selector, unless it is inside.

Of course, I've long-since lost the MC-50 manual. I suppose it's on here somewhere.

I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the MC-50 connector will not fit the 850's socket. The guy I got it from kept his MC-60, which he said had an audio preamp in it.

I'm reluctant to simply try to find - or make - a connector 'adapter' for the MC-50; there may be some very good reason why it will not fit the 850 connector.

Dick Chaffer NA7I
Bozeman

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> I know its been a while since I had a mc-60, did it have a choice??? I know
> the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..
>

10003. Re: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-16 14:51:35 UTC
From: Dave ve3wej
Topic: 9997 Message: 10003

mc50 is set by how the cable is plugged in the mike...

kenwood did have adapters (hard to find now) mj-48 for 4 pin to 8 pin, that way you did not have to butcher the connector, by trying to resolder it

I use one here, and they do make it easy. you can also find 4 pin inline to match your connector, and wire to 8 pin for the 850 .... done that too...

> This is interesting. I have my original MC-50 sitting here, it has three
> switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself.
> There appears to be no impedance selector, unless it is inside.
>
> Of course, I've long-since lost the MC-50 manual. I suppose it's on here
> somewhere.

I have the manual in pdf if you want a copy.....

the only good reason is that after the hybrids they changed most mikes on the Kenwoods to 8 pin... adapt away

> I'm reluctant to simply try to find - or make - a connector 'adapter' for
> the MC-50; there may be some very good reason why it will not fit the 850
> connector.
>
> Dick Chaffer NA7I
> Bozeman

Dave Garber

VE3IE/VE3WEJ

10004. Re: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-16 14:35:25 UTC
From: Ken Winterling
Topic: 9997 Message: 10004

Dick,

The MC-50 impedance selection is made by different orientations of the plug on the cord between the microphone base and the rig. I attached the MC-50 manual for your reference. Since the reflector will strip the attachment I sent it to your direct e-mail address.

The MC-50 will work on your TS-850 if you build/buy the proper 4/8 pin adapter. I can provide the wiring diagram if you want to give it a try.

73,

Ken, WA2LBI

On Thu, Dec 16, 2010 at 09:25, dick_na7i <jrich@...> wrote:

> About the MC-50 -
>
> This is interesting. I have my original MC-50 sitting here, it has three
> switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself.
> There appears to be no impedance selector, unless it is inside.
>
> Of course, I've long-since lost the MC-50 manual. I suppose it's on here
> somewhere.
>
> I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the
> MC-50 connector will not fit the 850's socket. The guy I got it from kept
> his MC-60, which he said had an audio preamp in it.
>
> I'm reluctant to simply try to find - or make - a connector 'adapter' for
> the MC-50; there may be some very good reason why it will not fit the 850
> connector.
>
> Dick Chaffer NA7I
> Bozeman
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
> >
> > I know its been a while since I had a mc-60, did it have a choice??? I
> know
> > the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..
> >
>
>

[Non-text portions of this message have been removed]

10005. RE: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-16 14:49:30 UTC
From: Richard Schmuke
Topic: 9997 Message: 10005

I use my old MC-50 on my TS-450, it works fine. The "switch" is the plug on the back of the MC-50, look at the red dot on the plug, my red dot is in alignment with a red dot on the mic itself. I had to change the plug that mates the 450.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dick_na7i
Sent: Thursday, December 16, 2010 8:25 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

About the MC-50 -

This is interesting. I have my original MC-50 sitting here, it has three switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself. There appears to be no impedance selector, unless it is inside.

Of course, I've long-since lost the MC-50 manual. I suppose it's on here somewhere.

I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the MC-50 connector will not fit the 850's socket. The guy I got it from kept his MC-60, which he said had an audio preamp in it.

I'm reluctant to simply try to find - or make - a connector 'adapter' for the MC-50; there may be some very good reason why it will not fit the 850 connector.

Dick Chaffer NA7I
Bozeman

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Dave ve3wej" <ve3wej@...>
wrote:
>
> I know its been a while since I had a mc-60, did it have a choice??? I
know
> the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3317 - Release Date: 12/15/10
01:34:00

[Non-text portions of this message have been removed]

10006. RE: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-16 14:57:48 UTC
From: Richard Schmuke
Topic: 9997 Message: 10006

Instructions for the MC-50

http://homepage.ntlworld.com/rg4wpw/mc50.pdf

Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dick_na7i
Sent: Thursday, December 16, 2010 8:25 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

About the MC-50 -

This is interesting. I have my original MC-50 sitting here, it has three switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself. There appears to be no impedance selector, unless it is inside.

Of course, I've long-since lost the MC-50 manual. I suppose it's on here somewhere.

I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the MC-50 connector will not fit the 850's socket. The guy I got it from kept his MC-60, which he said had an audio preamp in it.

I'm reluctant to simply try to find - or make - a connector 'adapter' for the MC-50; there may be some very good reason why it will not fit the 850 connector.

Dick Chaffer NA7I
Bozeman

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Dave ve3wej" <ve3wej@...>
wrote:
>
> I know its been a while since I had a mc-60, did it have a choice??? I
know
> the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3317 - Release Date: 12/15/10
01:34:00

[Non-text portions of this message have been removed]

10007. Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-16 16:39:46 UTC
From: ah6rr1
Topic: 9997 Message: 10007

The MC-50 has 2 impedance settings on the mic it's self. If you look at where the plug is inserted in the rear of the mic you will see a H and a L. H=50K and L=600 ohm for all Kenwoods except the 520/820/599 use th L 600ohm setting. The MC-50 is a very good microphone.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> mc50 is set by how the cable is plugged in the mike...
>
> kenwood did have adapters (hard to find now) mj-48 for 4 pin to 8 pin, that
> way you did not have to butcher the connector, by trying to resolder it
>
> I use one here, and they do make it easy. you can also find 4 pin inline
> to match your connector, and wire to 8 pin for the 850 .... done that
> too...
>
>
> > This is interesting. I have my original MC-50 sitting here, it has three
> > switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself.
> > There appears to be no impedance selector, unless it is inside.
> >
> > Of course, I've long-since lost the MC-50 manual. I suppose it's on here
> > somewhere.
>
>
> I have the manual in pdf if you want a copy.....
>
> the only good reason is that after the hybrids they changed most mikes on
> the Kenwoods to 8 pin... adapt away
>
>
> > I'm reluctant to simply try to find - or make - a connector 'adapter' for
> > the MC-50; there may be some very good reason why it will not fit the 850
> > connector.
> >
> > Dick Chaffer NA7I
> > Bozeman
>
>
> Dave Garber
>
> VE3IE/VE3WEJ
>

10008. Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-17 12:16:59 UTC
From: dick_na7i
Topic: 9997 Message: 10008

You guys are all exactly right. I checked my MC-50 and it does indeed have those dots. Now, of course, I have a very dim old memory of lining them up a certain way for some reason (??) - they are set for 'high' z.

A kind soul sent me a diagram for 4-pin to 8-pin, and I found a new 8-pin plug and 4-pin socket at Rat Shack, of all places. So I've got another little project now, building a short adapter cord.

Thanks for the tips.

Dick NA7I

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> The MC-50 has 2 impedance settings on the mic it's self. If you look at where the plug is inserted in the rear of the mic you will see a H and a L. H=50K and L=600 ohm for all Kenwoods except the 520/820/599 use th L 600ohm setting. The MC-50 is a very good microphone.
> 73
> Roland AH6RR

10009. Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-17 18:23:21 UTC
From: k4zot
Topic: 9997 Message: 10009

OK, still confused - so the TS-850S MC-60A should be 500 ohms - Right!

Glenn

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Dick,
>
> The MC-50 impedance selection is made by different orientations of the plug
> on the cord between the microphone base and the rig. I attached the MC-50
> manual for your reference. Since the reflector will strip the attachment I
> sent it to your direct e-mail address.
>
> The MC-50 will work on your TS-850 if you build/buy the proper 4/8 pin
> adapter. I can provide the wiring diagram if you want to give it a try.
>
> 73,
>
> Ken, WA2LBI
>
>
> On Thu, Dec 16, 2010 at 09:25, dick_na7i <jrich@...> wrote:
>
> > About the MC-50 -
> >
> > This is interesting. I have my original MC-50 sitting here, it has three
> > switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself.
> > There appears to be no impedance selector, unless it is inside.
> >
> > Of course, I've long-since lost the MC-50 manual. I suppose it's on here
> > somewhere.
> >
> > I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the
> > MC-50 connector will not fit the 850's socket. The guy I got it from kept
> > his MC-60, which he said had an audio preamp in it.
> >
> > I'm reluctant to simply try to find - or make - a connector 'adapter' for
> > the MC-50; there may be some very good reason why it will not fit the 850
> > connector.
> >
> > Dick Chaffer NA7I
> > Bozeman
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
> > >

> > > I know its been a while since I had a mc-60, did it have a choice??? I
> > know
> > > the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10010. Re: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-17 19:59:37 UTC
From: Dave ve3wej
Topic: 9997 Message: 10010

yes "low impedance" 500/600 usually

----- Original Message -----
From: "k4zot" <packardg@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, December 17, 2010 1:23 PM
Subject: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

> OK, still confused - so the TS-850S MC-60A should be 500 ohms - Right!
>
> Glenn
>
> --- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>>
>> Dick,
>>
>> The MC-50 impedance selection is made by different orientations of the
>> plug
>> on the cord between the microphone base and the rig. I attached the
>> MC-50
>> manual for your reference. Since the reflector will strip the attachment
>> I
>> sent it to your direct e-mail address.
>>
>> The MC-50 will work on your TS-850 if you build/buy the proper 4/8 pin
>> adapter. I can provide the wiring diagram if you want to give it a try.
>>
>> 73,
>>
>> Ken, WA2LBI
>>
>>
>> On Thu, Dec 16, 2010 at 09:25, dick_na7i <jrich@...> wrote:
>>
>> > About the MC-50 -
>> >
>> > This is interesting. I have my original MC-50 sitting here, it has
>> > three
>> > switches: PTT, Lock (for PTT), and an on-off on the mike cylinder
>> > itself.
>> > There appears to be no impedance selector, unless it is inside.
>> >
>> > Of course, I've long-since lost the MC-50 manual. I suppose it's on
>> > here
>> > somewhere.

>> >
>> > I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the
>> > MC-50 connector will not fit the 850's socket. The guy I got it from
>> > kept
>> > his MC-60, which he said had an audio preamp in it.
>> >
>> > I'm reluctant to simply try to find - or make - a connector 'adapter'
>> > for
>> > the MC-50; there may be some very good reason why it will not fit the
>> > 850
>> > connector.
>> >
>> > Dick Chaffer NA7I
>> > Bozeman
>> >
>> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
>> > >
>> > > I know its been a while since I had a mc-60, did it have a choice???
>> > > I
>> > know
>> > > the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is
>> > > good..
>> > >
>> >
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10011. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-17 21:03:44 UTC
From: david broger
Topic: 9957 Message: 10011

I'll check it tomorrow but I'm not sure. The api and both att stage are switchable...

David

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Sorry, I could have been more clear.
>
> The rx BPF diodes on the RF unit short and cause problems. Q49 is an attenuator on the RF unit that is turned on in tx to protect the front end. When it shorts it causes about 20db of attenuation.
>
> Check msg 9726.
>
> Clif
>

10012. Re: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-18 00:11:55 UTC
From: Bob Naylor
Topic: 9997 Message: 10012

Glenn, The 850 uses the lower impedance. When I got my MC-50, I wired it for the 850 then got on the air with a friend and got an audio report. My mic is in the position where my friend said the audio was best. I assume it's in the low Z position but that was more than 10 years ago so I don't remember for sure.
Bob WE6C

--- On Fri, 12/17/10, k4zot <packardg@...> wrote:

From: k4zot <packardg@...>
Subject: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?
To: TS-850_450_690@yahoogroups.com
Date: Friday, December 17, 2010, 10:23 AM

OK, still confused - so the TS-850S MC-60A should be 500 ohms - Right!

Glenn

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:

>

> Dick,

>

> The MC-50 impedance selection is made by different orientations of the plug

> on the cord between the microphone base and the rig. I attached the MC-50

> manual for your reference. Since the reflector will strip the attachment I

> sent it to your direct e-mail address.

>

> The MC-50 will work on your TS-850 if you build/buy the proper 4/8 pin

> adapter. I can provide the wiring diagram if you want to give it a try.

>

> 73,

>

> Ken, WA2LBI

>

>

> On Thu, Dec 16, 2010 at 09:25, dick_na7i <jrich@...> wrote:

>

> > About the MC-50 -

> >

> > This is interesting. I have my original MC-50 sitting here, it has three

> > switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself.

> > There appears to be no impedance selector, unless it is inside.

> >

> > Of course, I've long-since lost the MC-50 manual. I suppose it's on here

> > somewhere.

> >

> > I also have a 2nd hand 850s and a hand mike for it. Unfortunately, the

> > MC-50 connector will not fit the 850's socket. The guy I got it from kept

> > his MC-60, which he said had an audio preamp in it.

> >

> > I'm reluctant to simply try to find - or make - a connector 'adapter' for

> > the MC-50; there may be some very good reason why it will not fit the 850

> > connector.

> >

> > Dick Chaffer NA7I

> > Bozeman

> >

> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:

> > >

> > > I know its been a while since I had a mc-60, did it have a choice??? I

> > know

> > > the mc50 did, anyway 850 uses LOW impedence so 500 or 600 ohm is good..

> > >

> >

> >

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

10013. Re: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-18 03:10:44 UTC
From: bayuh@yahoo.com
Topic: 9997 Message: 10013

I am using an MC-60 on my TS-690. Pre-Amp ON.

Both 500 and 50K works fine.
Almost no noticeable difference.

73,
Bayu/YC1RJ

Sent from my BlackBerry?
powered by Sinyal Kuat INDOSAT

-----Original Message-----
From: "ah6rr1" <Toesonnose@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Thu, 16 Dec 2010 16:39:46
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: MC-60 Mic Setting - 50K or 500 Imp.?

The MC-50 has 2 impedance settings on the mic it's self. If you look at where the plug is inserted in the rear of the mic you will see a H and a L. H=50K and L=600 ohm for all Kenwoods except the 520/820/599 use th L 600ohm setting. The MC-50 is a very good microphone.
73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> mc50 is set by how the cable is plugged in the mike...
>
> kenwood did have adapters (hard to find now) mj-48 for 4 pin to 8 pin, that
> way you did not have to butcher the connector, by trying to resolder it
>
> I use one here, and they do make it easy. you can also find 4 pin inline
> to match your connector, and wire to 8 pin for the 850 .... done that
> too...
>
>
> > This is interesting. I have my original MC-50 sitting here, it has three
> > switches: PTT, Lock (for PTT), and an on-off on the mike cylinder itself.
> > There appears to be no impedance selector, unless it is inside.
> >
> > Of course, I've long-since lost the MC-50 manual. I suppose it's on here
> > somewhere.
>
>

> I have the manual in pdf if you want a copy.....
>
> the only good reason is that after the hybrids they changed most mikes on
> the Kenwoods to 8 pin... adapt away
>
>
> > I'm reluctant to simply try to find - or make - a connector 'adapter' for
> > the MC-50; there may be some very good reason why it will not fit the 850
> > connector.
> >
> > Dick Chaffer NA7I
> > Bozeman
>
>
> Dave Garber
>
> VE3IE/VE3WEJ
>

[Non-text portions of this message have been removed]

10014. RF gain acting odd

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-18 15:07:52 UTC
From: Kurt Cathcart
Topic: 10014 Message: 10014

I have a TS-450. When I use the RF gain i turn down from 10 to a lower number. When I do this, the S-meter shoots up to between 40 and 60 over S9 then settles down to where it should be several seconds later. If I then move it a little more, the S-meter shoots up again and settles in again. Does anybody have an idea as to what this problem might be?

-Kurt
KR2C

10015. Re: [TS-850_450_690] RF gain acting odd

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-18 19:22:58 UTC
From: Bob Naylor
Topic: 10014 Message: 10015

Kurt, On my 850, if I turn the RF gain clockwise to attenuate the signal, the S-meter goes up like yours but I don't believe it settles back down. I'll try it tonight and see.
Bob WE6C

--- On Sat, 12/18/10, Kurt Cathcart <kurt@...> wrote:

From: Kurt Cathcart <kurt@...t>
Subject: [TS-850_450_690] RF gain acting odd
To: TS-850_450_690@yahoogroups.com
Date: Saturday, December 18, 2010, 7:07 AM

I have a TS-450. When I use the RF gain i turn down from 10 to a lower number. When I do this, the S-meter shoots up to between 40 and 60 over S9 then settles down to where it should be several seconds later. If I then move it a little more, the S-meter shoots up again and settles in again. Does anybody have an idea as to what this problem might be?

-Kurt

KR2C

[Non-text portions of this message have been removed]

10016. Re: [TS-850_450_690] RF gain acting odd

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-18 22:33:00 UTC
From: Dave ve3wej
Topic: 10014 Message: 10016

sounds normal...

----- Original Message -----
From: "Kurt Cathcart" <kurt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, December 18, 2010 10:07 AM
Subject: [TS-850_450_690] RF gain acting odd

>I have a TS-450. When I use the RF gain i turn down from 10 to a lower
>number. When I do this, the S-meter shoots up to between 40 and 60 over S9
>then settles down to where it should be several seconds later. If I then
>move it a little more, the S-meter shoots up again and settles in again.
>Does anybody have an idea as to what this problem might be?
>
> -Kurt
> KR2C
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10017. Email address change

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-19 20:54:38 UTC
From: rupert walford
Topic: 10017 Message: 10017

Hello There,Please note email address change the new email address is

elvyn@... this is sent to all persons in my address book.

Seasons greetings to all and all the best for the New Year
Cheers
Rupert

[Non-text portions of this message have been removed]

10018. TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-20 10:11:15 UTC
From: finaldrives
Topic: 10018 Message: 10018

Is there any possibility to switch OFF the "dot-dash memory" in the keyer??(IAMBIC B to IAMBIC A)
any mod or something???
I can't find anything out there for that...
After 20 years CW without dot-dash memory hardly can do it with...:))
All the time I using external keyer...
maybe some explanations of I/O pins on keyer MCU...
tnx in advance....

10019. Re: [TS-850_450_690] TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-20 14:32:37 UTC
From: Dave ve3wej
Topic: 10018 Message: 10019

isn't that that what the electronic switch beside the key jack is for ???

----- Original Message -----
From: "finaldrives" <finaldrives@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 20, 2010 5:11 AM
Subject: [TS-850_450_690] TS-850s CW keyer

> Is there any possibility to switch OFF the "dot-dash memory" in the
> keyer??(IAMBIC B to IAMBIC A)
> any mod or something???
> I can't find anything out there for that...
> After 20 years CW without dot-dash memory hardly can do it with...:))
> All the time I using external keyer...
> maybe some explanations of I/O pins on keyer MCU...
> tnx in advance....
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10020. Re: [TS-850_450_690] TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-20 14:50:25 UTC
From: Zack Widup
Topic: 10018 Message: 10020

No, that turns off the keyer function so you can send with a hand key or bug.

73, Zack W9SZ

On 12/20/10, Dave ve3wej <ve3wej@...> wrote:
> isn't that that what the electronic switch beside the key jack is for ???
>
>
>
>
> ----- Original Message -----
> From: "finaldrives" <finaldrives@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, December 20, 2010 5:11 AM
> Subject: [TS-850_450_690] TS-850s CW keyer
>
>
>> Is there any possibility to switch OFF the "dot-dash memory" in the
>> keyer??(IAMBIC B to IAMBIC A)
>> any mod or something???
>> I can't find anything out there for that...
>> After 20 years CW without dot-dash memory hardly can do it with...:))
>> All the time I using external keyer...
>> maybe some explanations of I/O pins on keyer MCU...
>> tnx in advance....
>>
>>
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>
>>
>>
>

10021. Re: [TS-850_450_690] TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-20 14:56:33 UTC
From: Dave ve3wej
Topic: 10018 Message: 10021

I thought that is what was meant, so maybe the hidden menu item 24 is more towards the answer (see pg 23 and 24 of the manual

I assumed the electronic function would make his keyer (external) do the iambic patterns instead of the internal choice..

----- Original Message -----
From: "Zack Widup" <w9sz.zack@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 20, 2010 9:50 AM
Subject: Re: [TS-850_450_690] TS-850s CW keyer

> No, that turns off the keyer function so you can send with a hand key or
> bug.
>
> 73, Zack W9SZ
>
>
> On 12/20/10, Dave ve3wej <ve3wej@...> wrote:
>> isn't that that what the electronic switch beside the key jack is for ???
>>
>>
>>
>>
>> ----- Original Message -----
>> From: "finaldrives" <finaldrives@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Monday, December 20, 2010 5:11 AM
>> Subject: [TS-850_450_690] TS-850s CW keyer
>>
>>
>>> Is there any possibility to switch OFF the "dot-dash memory" in the
>>> keyer??(IAMBIC B to IAMBIC A)
>>> any mod or something???
>>> I can't find anything out there for that...
>>> After 20 years CW without dot-dash memory hardly can do it with...:))
>>> All the time I using external keyer...
>>> maybe some explanations of I/O pins on keyer MCU...
>>> tnx in advance....
>>>
>>>
>>>
>>>
>>>
>>> ------------------------------------
>>>

>>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>>
>>>
>>>
>>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10022. Re: [TS-850_450_690] TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-20 16:37:42 UTC
From: Zack Widup
Topic: 10018 Message: 10022

I think he wants to use the internal iambic keyer in mode A and it's set for mode B. I believe the internal iambic keyer can be switched from Iambic B to Iambic A mode. I wold have to look at the manual on the control modes to see for sure.

73, Zack W9SZ

On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@...> wrote:

>
>
> I thought that is what was meant, so maybe the hidden menu item 24 is more
> towards the answer (see pg 23 and 24 of the manual
>
> I assumed the electronic function would make his keyer (external) do the
> iambic patterns instead of the internal choice..
>
>
> ----- Original Message -----
> From: "Zack Widup" <w9sz.zack@... <w9sz.zack%40gmail.com>>
> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> Sent: Monday, December 20, 2010 9:50 AM
> Subject: Re: [TS-850_450_690] TS-850s CW keyer
>
> > No, that turns off the keyer function so you can send with a hand key or
> > bug.
> >
> > 73, Zack W9SZ
> >
> >
> > On 12/20/10, Dave ve3wej <ve3wej@... <ve3wej%40gmail.com>> wrote:
> >> isn't that that what the electronic switch beside the key jack is for
> > ???
> >>
> >>
> >>
> >>
> >> ----- Original Message -----
> >> From: "finaldrives" <finaldrives@... <finaldrives%40yahoo.com>>
> >> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> >> Sent: Monday, December 20, 2010 5:11 AM
> >> Subject: [TS-850_450_690] TS-850s CW keyer
> >>
> >>
> >>>>> Is there any possibility to switch OFF the "dot-dash memory" in the
> >>>>> keyer??(IAMBIC B to IAMBIC A)

> >>> any mod or something???
> >>> I can't find anything out there for that...
> >>> After 20 years CW without dot-dash memory hardly can do it with...:))
> >>> All the time I using external keyer...
> >>> maybe some explanations of I/O pins on keyer MCU...
> >>> tnx in advance....
> >>>
> >>>
> >>>
> >>>
> >>>
> >>> ------------------------------------
> >>>
> >>> THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> >>>
> >>>
> >>>
> >>
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

10023. Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-20 20:53:52 UTC
From: finaldrives
Topic: 10018 Message: 10023

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I think he wants to use the internal iambic keyer in mode A and it's set for
> mode B. I believe the internal iambic keyer can be switched from Iambic B to
> Iambic A mode. I wold have to look at the manual on the control modes to see
> for sure.
>
> 73, Zack W9SZ
>
> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@...> wrote:
>
> >Thanks for replies...
yes Zack...I belive also that is possible Iambic B to Iambic A
you can't find anything about that in service or instruction manual...
I was trying to find that many times...
> >
> > I thought that is what was meant, so maybe the hidden menu item 24 is more
> > towards the answer (see pg 23 and 24 of the manual
> >
> > I assumed the electronic function would make his keyer (external) do the
> > iambic patterns instead of the internal choice..
> >
> >
> > ----- Original Message -----
> > From: "Zack Widup" <w9sz.zack@... <w9sz.zack%40gmail.com>>
> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > Sent: Monday, December 20, 2010 9:50 AM
> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
> >
> > > No, that turns off the keyer function so you can send with a hand key or
> > > bug.
> > >
> > > 73, Zack W9SZ
> > >
> > >
> > > On 12/20/10, Dave ve3wej <ve3wej@... <ve3wej%40gmail.com>> wrote:
> > >> isn't that that what the electronic switch beside the key jack is for
> > ???
> > >>
> > >>
> > >>
> > >>
> > >> ----- Original Message -----
> > >> From: "finaldrives" <finaldrives@... <finaldrives%40yahoo.com>>
> > >> To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>

> > >> Sent: Monday, December 20, 2010 5:11 AM
> > >> Subject: [TS-850_450_690] TS-850s CW keyer
> > >>
> > >>
> > >>> Is there any possibility to switch OFF the "dot-dash memory" in the
> > >>> keyer??(IAMBIC B to IAMBIC A)
> > >>> any mod or something???
> > >>> I can't find anything out there for that...
> > >>> After 20 years CW without dot-dash memory hardly can do it with...:))
> > >>> All the time I using external keyer...
> > >>> maybe some explanations of I/O pins on keyer MCU...
> > >>> tnx in advance....
> > >>>
> > >>>
> > >>>
> > >>>
> > >>>
> > >>> ------------------------------------
> > >>>
> > >>> THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> > >>>
> > >>>
> > >>>
> > >>>
> > >>
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> [Non-text portions of this message have been removed]
>

10024. Re: [TS-850_450_690] Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-21 00:05:06 UTC
From: Zack Widup
Topic: 10018 Message: 10024

You're right; there's nothing about that in the manual. The closest thing is setting auto-weighting to off (menu # 21) and selecting manual weight (menu # 23). You enter this menu mode by pressing and holding LSB/USB key while turning the power on, then rotating the M.CH/VFO CH knob to select the menu. Escape it by pressing CLR.

73, Zack W9SZ

On 12/20/10, finaldrives <finaldrives@...> wrote:
>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>>
>> I think he wants to use the internal iambic keyer in mode A and it's set
>> for
>> mode B. I believe the internal iambic keyer can be switched from Iambic B
>> to
>> Iambic A mode. I wold have to look at the manual on the control modes to
>> see
>> for sure.
>>
>> 73, Zack W9SZ
>>
>> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@...> wrote:
>>
>> >Thanks for replies...
> yes Zack...I belive also that is possible Iambic B to Iambic A
> you can't find anything about that in service or instruction manual...
> I was trying to find that many times...
>> >
>> > I thought that is what was meant, so maybe the hidden menu item 24 is
>> > more
>> > towards the answer (see pg 23 and 24 of the manual
>> >
>> > I assumed the electronic function would make his keyer (external) do the
>> > iambic patterns instead of the internal choice..
>> >
>> >
>> > ----- Original Message -----
>> > From: "Zack Widup" <w9sz.zack@... <w9sz.zack%40gmail.com>>
>> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
>> > Sent: Monday, December 20, 2010 9:50 AM
>> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
>> >
>> > > No, that turns off the keyer function so you can send with a hand key

>> > > or
>> > > bug.
>> > >
>> > > 73, Zack W9SZ
>> > >
>> > >
>> > > On 12/20/10, Dave ve3wej <ve3wej@... <ve3wej%40gmail.com>> wrote:
>> > >> isn't that that what the electronic switch beside the key jack is for
>> > ???
>> > >>
>> > >>
>> > >>
>> > >>
>> > >> ----- Original Message -----
>> > >> From: "finaldrives" <finaldrives@... <finaldrives%40yahoo.com>>
>> > >> To: <TS-850_450_690@yahoogroups.com
>> > >> <TS-850_450_690%40yahoogroups.com>>
>> > >> Sent: Monday, December 20, 2010 5:11 AM
>> > >> Subject: [TS-850_450_690] TS-850s CW keyer
>> > >>
>> > >>
>> > >>> Is there any possibility to switch OFF the "dot-dash memory" in the
>> > >>> keyer??(IAMBIC B to IAMBIC A)
>> > >>> any mod or something???
>> > >>> I can't find anything out there for that...
>> > >>> After 20 years CW without dot-dash memory hardly can do it
>> > >>> with...:))
>> > >>> All the time I using external keyer...
>> > >>> maybe some explanations of I/O pins on keyer MCU...
>> > >>> tnx in advance....
>> > >>>
>> > >>>
>> > >>>
>> > >>>
>> > >>>
>> > >>> ------------------------------------
>> > >>>
>> > >>> THANKS FOR USING
>> > >>> TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>> > Groups Links
>> > >>>
>> > >>>
>> > >>>
>> > >>
>> > >
>> > >
>> > > ------------------------------------
>> > >
>> > > THANKS FOR USING
>> > > TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!

>> > Groups Links
>> > >
>> > >
>> > >
>> >
>> >
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>

10025. Re: [TS-850_450_690] Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-21 04:14:33 UTC
From: Chuck Goelz
Topic: 10018 Message: 10025

I thought he was asking for a way to configure it for non-Iambic mode... Just a standard (well, what I considered standard 40 years ago) keyer, with nothing more than self-completing dits and dahs... Kind of like what I use now (but it's external). I guess we need more detail from him to understand his request???

Chuck WA3CEJ
----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 20, 2010 7:05 PM
Subject: Re: [TS-850_450_690] Re: TS-850s CW keyer

You're right; there's nothing about that in the manual. The closest thing is setting auto-weighting to off (menu # 21) and selecting manual weight (menu # 23). You enter this menu mode by pressing and holding LSB/USB key while turning the power on, then rotating the M.CH/VFO CH knob to select the menu. Escape it by pressing CLR.

73, Zack W9SZ

On 12/20/10, finaldrives <finaldrives@...> wrote:
>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>>
>> I think he wants to use the internal iambic keyer in mode A and it's set
>> for
>> mode B. I believe the internal iambic keyer can be switched from Iambic B
>> to
>> Iambic A mode. I wold have to look at the manual on the control modes to
>> see
>> for sure.
>>
>> 73, Zack W9SZ
>>
>> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@...> wrote:
>>
>> >Thanks for replies...
> yes Zack...I belive also that is possible Iambic B to Iambic A
> you can't find anything about that in service or instruction manual...
> I was trying to find that many times...
>> >
>> > I thought that is what was meant, so maybe the hidden menu item 24 is
>> > more
>> > towards the answer (see pg 23 and 24 of the manual
>> >

>> > I assumed the electronic function would make his keyer (external) do the
>> > iambic patterns instead of the internal choice..
>> >
>> >
>> > ----- Original Message -----
>> > From: "Zack Widup" <w9sz.zack@... <w9sz.zack%40gmail.com>>
>> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
>> > Sent: Monday, December 20, 2010 9:50 AM
>> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
>> >
>> > > No, that turns off the keyer function so you can send with a hand key
>> > > or
>> > > bug.
>> > >
>> > > 73, Zack W9SZ
>> > >
>> > >
>> > > On 12/20/10, Dave ve3wej <ve3wej@... <ve3wej%40gmail.com>> wrote:
>> > >> isn't that that what the electronic switch beside the key jack is for
>> > ???
>> > >>
>> > >>
>> > >>
>> > >>
>> > >> ----- Original Message -----
>> > >> From: "finaldrives" <finaldrives@... <finaldrives%40yahoo.com>>
>> > >> To: <TS-850_450_690@yahoogroups.com
>> > >> <TS-850_450_690%40yahoogroups.com>>
>> > >> Sent: Monday, December 20, 2010 5:11 AM
>> > >> Subject: [TS-850_450_690] TS-850s CW keyer
>> > >>
>> > >>
>> > >>> Is there any possibility to switch OFF the "dot-dash memory" in the
>> > >>> keyer??(IAMBIC B to IAMBIC A)
>> > >>> any mod or something???
>> > >>> I can't find anything out there for that...
>> > >>> After 20 years CW without dot-dash memory hardly can do it
>> > >>> with...:))
>> > >>> All the time I using external keyer...
>> > >>> maybe some explanations of I/O pins on keyer MCU...
>> > >>> tnx in advance....
>> > >>>
>> > >>>
>> > >>>
>> > >>>
>> > >>>
>> > >>> ------------------------------------
>> > >>>
>> > >>> THANKS FOR USING
>> > >>> TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!

>> > Groups Links
>> > >>>
>> > >>>
>> > >>>
>> > >>
>> > >
>> > >
>> > > ------------------------------------
>> > >
>> > > THANKS FOR USING
>> > > TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>> > Groups Links
>> > >
>> > >
>> > >
>> >
>> >
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>

[Non-text portions of this message have been removed]

10026. Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-21 18:09:51 UTC
From: avvidclif
Topic: 10018 Message: 10026

Since the keyer IC is a 4 bit processor with internal ROM and RAM and not a "keyer IC" I don't see to many ways to change it except for getting the code and changing it and burning another IC.

Clif

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> You're right; there's nothing about that in the manual. The closest
> thing is setting auto-weighting to off (menu # 21) and selecting
> manual weight (menu # 23). You enter this menu mode by pressing and
> holding LSB/USB key while turning the power on, then rotating the
> M.CH/VFO CH knob to select the menu. Escape it by pressing CLR.
>
> 73, Zack W9SZ
>
> On 12/20/10, finaldrives <finaldrives@...> wrote:
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> >>
> >> I think he wants to use the internal iambic keyer in mode A and it's set
> >> for
> >> mode B. I believe the internal iambic keyer can be switched from Iambic B
> >> to
> >> Iambic A mode. I wold have to look at the manual on the control modes to
> >> see
> >> for sure.
> >>
> >> 73, Zack W9SZ
> >>
> >> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@> wrote:
> >>
> >> >Thanks for replies...
> > > yes Zack...I belive also that is possible Iambic B to Iambic A
> > > you can't find anything about that in service or instruction manual...
> > > I was trying to find that many times...
> >> >
> >> > I thought that is what was meant, so maybe the hidden menu item 24 is
> >> > more
> >> > towards the answer (see pg 23 and 24 of the manual
> >> >
> >> > I assumed the electronic function would make his keyer (external) do the
> >> > iambic patterns instead of the internal choice..
> >> >

> >> >
> >> > ----- Original Message -----
> >> > From: "Zack Widup" <w9sz.zack@ <w9sz.zack%40gmail.com>>
> >> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> >> > Sent: Monday, December 20, 2010 9:50 AM
> >> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
> >> >
> >> > > No, that turns off the keyer function so you can send with a hand key
> >> > > or
> >> > > bug.
> >> > >
> >> > > 73, Zack W9SZ
> >> > >
> >> > >
> >> > > On 12/20/10, Dave ve3wej <ve3wej@ <ve3wej%40gmail.com>> wrote:
> >> > >> isn't that that what the electronic switch beside the key jack is for
> >> > ???
> >> > >>
> >> > >>
> >> > >>
> >> > >> ----- Original Message -----
> >> > >> From: "finaldrives" <finaldrives@ <finaldrives%40yahoo.com>>
> >> > >> To: <TS-850_450_690@yahoogroups.com
> >> > >> <TS-850_450_690%40yahoogroups.com>>
> >> > >> Sent: Monday, December 20, 2010 5:11 AM
> >> > >> Subject: [TS-850_450_690] TS-850s CW keyer
> >> > >>
> >> > >>
> >> > >>> Is there any possibility to switch OFF the "dot-dash memory" in the
> >> > >>> keyer??(IAMBIC B to IAMBIC A)
> >> > >>> any mod or something???
> >> > >>> I can't find anything out there for that...
> >> > >>> After 20 years CW without dot-dash memory hardly can do it
> >> > >>> with...:))
> >> > >>> All the time I using external keyer...
> >> > >>> maybe some explanations of I/O pins on keyer MCU...
> >> > >>> tnx in advance....
> >> > >>>
> >> > >>>
> >> > >>>
> >> > >>>
> >> > >>>
> >> > >>> ------------------------------------
> >> > >>>
> >> > >>> THANKS FOR USING
> >> > >>> TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> >> > > Groups Links
> >> > >>>
> >> > >>>

> >> > >>>
> >> > >>
> >> > >
> >> > >
> >> > > ------------------------------------
> >> > >
> >> > > THANKS FOR USING
> >> > > TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> >> > Groups Links
> >> > >
> >> > >
> >> > >
> >> >
> >> >
> >> >
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >
> >
> >
>

10027. Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 12:37:16 UTC
From: finaldrives
Topic: 10018 Message: 10027

Yes Cliff...I can see on datasheet of MCU... it is internal mask ROM(75P008) CPU...
maybe code writer for that MCU in ts-850 make some I/O on this MCU to switch between this two modes...:))
that was my intention...maybe somebody tried something...anyway tnx for the answers...I'll keep my K9CW keyer...:))
73,9A4WY
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Since the keyer IC is a 4 bit processor with internal ROM and RAM and not a "keyer IC" I don't see to many ways to change it except for getting the code and changing it and burning another IC.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> >
> > You're right; there's nothing about that in the manual. The closest
> > thing is setting auto-weighting to off (menu # 21) and selecting
> > manual weight (menu # 23). You enter this menu mode by pressing and
> > holding LSB/USB key while turning the power on, then rotating the
> > M.CH/VFO CH knob to select the menu. Escape it by pressing CLR.
> >
> > 73, Zack W9SZ
> >
> > On 12/20/10, finaldrives <finaldrives@> wrote:
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> > >>
> > >> I think he wants to use the internal iambic keyer in mode A and it's set
> > >> for
> > >> mode B. I believe the internal iambic keyer can be switched from Iambic B
> > >> to
> > >> Iambic A mode. I wold have to look at the manual on the control modes to
> > >> see
> > >> for sure.
> > >>
> > >> 73, Zack W9SZ
> > >>
> > >> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@> wrote:
> > >>
> > >> >Thanks for replies...
> > > > yes Zack...I belive also that is possible Iambic B to Iambic A
> > > > you can't find anything about that in service or instruction manual...
> > > > I was trying to find that many times...

> > >> >
> > >> > I thought that is what was meant, so maybe the hidden menu item 24 is
> > >> > more
> > >> > towards the answer (see pg 23 and 24 of the manual
> > >> >
> > >> > I assumed the electronic function would make his keyer (external) do the
> > >> > iambic patterns instead of the internal choice..
> > >> >
> > >> >
> > >> > ----- Original Message -----
> > >> > From: "Zack Widup" <w9sz.zack@ <w9sz.zack%40gmail.com>>
> > >> > To: <TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>>
> > >> > Sent: Monday, December 20, 2010 9:50 AM
> > >> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
> > >> >
> > >> > > No, that turns off the keyer function so you can send with a hand key
> > >> > > or
> > >> > > bug.
> > >> > >
> > >> > > 73, Zack W9SZ
> > >> > >
> > >> > >
> > >> > > On 12/20/10, Dave ve3wej <ve3wej@ <ve3wej%40gmail.com>> wrote:
> > >> > >> isn't that that what the electronic switch beside the key jack is for
> > >> > ???
> > >> > >>
> > >> > >>
> > >> > >>
> > >> > >>
> > >> > >> ----- Original Message -----
> > >> > >> From: "finaldrives" <finaldrives@ <finaldrives%40yahoo.com>>
> > >> > >> To: <TS-850_450_690@yahoogroups.com
> > >> > >> <TS-850_450_690%40yahoogroups.com>>
> > >> > >> Sent: Monday, December 20, 2010 5:11 AM
> > >> > >> Subject: [TS-850_450_690] TS-850s CW keyer
> > >> > >>
> > >> > >>
> > >> > >>> Is there any possibility to switch OFF the "dot-dash memory" in the
> > >> > >>> keyer??(IAMBIC B to IAMBIC A)
> > >> > >>> any mod or something???
> > >> > >>> I can't find anything out there for that...
> > >> > >>> After 20 years CW without dot-dash memory hardly can do it
> > >> > >>> with...:))
> > >> > >>> All the time I using external keyer...
> > >> > >>> maybe some explanations of I/O pins on keyer MCU...
> > >> > >>> tnx in advance....
> > >> > >>>
> > >> > >>>
> > >> > >>>
> > >> > >>>
> > >> > >>>

> > >> > >>>
> > >> > >>> ------------------------------------
> > >> > >>>
> > >> > >>> THANKS FOR USING
> > >> > >>> TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > >> > Groups Links
> > >> > >>>
> > >> > >>>
> > >> > >>>
> > >> > >>
> > >> > >
> > >> > >
> > >> > > ------------------------------------
> > >> > >
> > >> > > THANKS FOR USING
> > >> > > TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > >> > Groups Links
> > >> > >
> > >> > >
> > >> > >
> > >> >
> > >> >
> > >> >
> > >>
> > >>
> > >> [Non-text portions of this message have been removed]
> > >>
> > >
> > >
> > >
> > >
> >

10028. Re: [TS-850_450_690] Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 14:32:39 UTC
From: Zack Widup
Topic: 10018 Message: 10028

I suspect if you can't use the internal keyer in the radio, the only alternative is to use an external keyer. I like the K1EL K10 keyer.

Also, K9CW has been a longtime friend of mine since college and he now lives about 15 miles from me. I got to build that keyer when he first designed it!

73, Zack W9SZ

On 12/22/10, finaldrives <finaldrives@...> wrote:
> Yes Cliff...I can see on datasheet of MCU... it is internal mask ROM(75P008)
> CPU...
> maybe code writer for that MCU in ts-850 make some I/O on this MCU to switch
> between this two modes...:))
> that was my intention...maybe somebody tried something...anyway tnx for the
> answers...I'll keep my K9CW keyer...:))
> 73,9A4WY
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>>
>> Since the keyer IC is a 4 bit processor with internal ROM and RAM and not
>> a "keyer IC" I don't see to many ways to change it except for getting the
>> code and changing it and burning another IC.
>>
>> Clif
>>
>> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
>> >
>> > You're right; there's nothing about that in the manual. The closest
>> > thing is setting auto-weighting to off (menu # 21) and selecting
>> > manual weight (menu # 23). You enter this menu mode by pressing and
>> > holding LSB/USB key while turning the power on, then rotating the
>> > M.CH/VFO CH knob to select the menu. Escape it by pressing CLR.
>> >
>> > 73, Zack W9SZ
>> >
>> > On 12/20/10, finaldrives <finaldrives@> wrote:
>> > >
>> > >
>> > > --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
>> > >>
>> > >> I think he wants to use the internal iambic keyer in mode A and it's
>> > >> set
>> > >> for
>> > >> mode B. I believe the internal iambic keyer can be switched from
>> > >> Iambic B
>> > >> to

>> > >> Iambic A mode. I wold have to look at the manual on the control modes
>> > >> to
>> > >> see
>> > >> for sure.
>> > >>
>> > >> 73, Zack W9SZ
>> > >>
>> > >> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@> wrote:
>> > >>
>> > >> >Thanks for replies...
>> > > yes Zack...I belive also that is possible Iambic B to Iambic A
>> > > you can't find anything about that in service or instruction manual...
>> > > I was trying to find that many times...
>> > >> >
>> > >> > I thought that is what was meant, so maybe the hidden menu item 24
>> > >> > is
>> > >> > more
>> > >> > towards the answer (see pg 23 and 24 of the manual
>> > >> >
>> > >> > I assumed the electronic function would make his keyer (external)
>> > >> > do the
>> > >> > iambic patterns instead of the internal choice..
>> > >> >
>> > >> >
>> > >> > ----- Original Message -----
>> > >> > From: "Zack Widup" <w9sz.zack@ <w9sz.zack%40gmail.com>>
>> > >> > To: <TS-850_450_690@yahoogroups.com
>> > >> > <TS-850_450_690%40yahoogroups.com>>
>> > >> > Sent: Monday, December 20, 2010 9:50 AM
>> > >> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
>> > >> >
>> > >> > > No, that turns off the keyer function so you can send with a hand
>> > >> > > key
>> > >> > > or
>> > >> > > bug.
>> > >> > >
>> > >> > > 73, Zack W9SZ
>> > >> > >
>> > >> > >
>> > >> > > On 12/20/10, Dave ve3wej <ve3wej@ <ve3wej%40gmail.com>> wrote:
>> > >> > >> isn't that that what the electronic switch beside the key jack
>> > >> > >> is for
>> > >> > ???
>> > >> > >>
>> > >> > >>
>> > >> > >>
>> > >> > >>
>> > >> > >> ----- Original Message -----
>> > >> > >> From: "finaldrives" <finaldrives@ <finaldrives%40yahoo.com>>
>> > >> > >> To: <TS-850_450_690@yahoogroups.com

>> > >> > >> <TS-850_450_690%40yahoogroups.com>>
>> > >> > >> Sent: Monday, December 20, 2010 5:11 AM
>> > >> > >> Subject: [TS-850_450_690] TS-850s CW keyer
>> > >> > >>
>> > >> > >>
>> > >> > >> >>> Is there any possibility to switch OFF the "dot-dash memory" in
>> > >> > >> >>> the
>> > >> > >> >>> keyer??(IAMBIC B to IAMBIC A)
>> > >> > >> >>> any mod or something???
>> > >> > >> >>> I can't find anything out there for that...
>> > >> > >> >>> After 20 years CW without dot-dash memory hardly can do it
>> > >> > >> >>> with...:))
>> > >> > >> >>> All the time I using external keyer...
>> > >> > >> >>> maybe some explanations of I/O pins on keyer MCU...
>> > >> > >> >>> tnx in advance....
>> > >> > >> >>>
>> > >> > >> >>>
>> > >> > >> >>>
>> > >> > >> >>>
>> > >> > >> >>>
>> > >> > >> >>> ------------------------------------
>> > >> > >> >>>
>> > >> > >> >>> THANKS FOR USING
>> > >> > >> >>> TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>> > >> > >> > Groups Links
>> > >> > >> >>>
>> > >> > >> >>>
>> > >> > >> >>>
>> > >> > >> >>
>> > >> > >> >
>> > >> > >> >
>> > >> > >> > ------------------------------------
>> > >> > >> >
>> > >> > >> > THANKS FOR USING
>> > >> > >> > TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
>> > >> > >> > Groups Links
>> > >> > >> >
>> > >> > >> >
>> > >> > >> >
>> > >> > >>
>> > >> > >>
>> > >> > >>
>> > >> > >>
>> > >> > >> [Non-text portions of this message have been removed]
>> > >> > >>
>> > >> > >
>> > >> > >
>> > >> > >
>> > >> >

>>
>
>
>

10029. Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 18:40:13 UTC
From: john ferro
Topic: 10029 Message: 10029

i have a ts-450sat that just cuts out during transmit. - full power out, i'm talking into the mic and the radio just goes dead. turn the radio to off position, wait 15 - 30 seconds and it turns back on. has anyone experienced this?? thanks in advance.

thx, john

[Non-text portions of this message have been removed]

10030. Re: [TS-850_450_690] Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 20:07:06 UTC
From: W8HW
Topic: 10029 Message: 10030

Hello John,

Need more information to find your problem. Please answer the questions below and forward it to me direct,
1. By dead, do you mean the whole radio goes dead? No RX as well, just dark radio?
2. Does your power supply have metes on it? If so, how much current is radio drawing during TX and how big (in amp rating) is your power supply?
3. Please try to give more information in general and I will try to help you.

73, Bruce, W8HW
w8hw@...
Hams helping hams become radio-active.
I buy and-or fix broke radios.

----- Original Message -----
From: john ferro
To: ts-850_450_690@yahoogroups.com
Sent: Wednesday, December 22, 2010 1:40 PM
Subject: [TS-850_450_690] Ts-450sat cuts out when transmitting

i have a ts-450sat that just cuts out during transmit. - full power out, i'm talking into the mic and the radio just goes dead. turn the radio to off position, wait 15 - 30 seconds and it turns back on. has anyone experienced this?? thanks in advance.

thx, john

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10031. Re: TS-850s CW keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 20:29:45 UTC
From: finaldrives
Topic: 10018 Message: 10031

Zack...I really like K9CW keyer...time when it is designed(1984 I think)it was very,very advanced technology for the contests...deep respect to him...
73,9A4WY

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I suspect if you can't use the internal keyer in the radio, the only
> alternative is to use an external keyer. I like the K1EL K10 keyer.
>
> Also, K9CW has been a longtime friend of mine since college and he now
> lives about 15 miles from me. I got to build that keyer when he first
> designed it!
>
> 73, Zack W9SZ
>
>
> On 12/22/10, finaldrives <finaldrives@...> wrote:
> > Yes Cliff...I can see on datasheet of MCU... it is internal mask ROM(75P008)
> > CPU...
> > maybe code writer for that MCU in ts-850 make some I/O on this MCU to switch
> > between this two modes...:))
> > that was my intention...maybe somebody tried something...anyway tnx for the
> > answers...I'll keep my K9CW keyer...:))
> > 73,9A4WY
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >>
> >> Since the keyer IC is a 4 bit processor with internal ROM and RAM and not
> >> a "keyer IC" I don't see to many ways to change it except for getting the
> >> code and changing it and burning another IC.
> >>
> >> Clif
> >>
> >> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> >> >
> >> > You're right; there's nothing about that in the manual. The closest
> >> > thing is setting auto-weighting to off (menu # 21) and selecting
> >> > manual weight (menu # 23). You enter this menu mode by pressing and
> >> > holding LSB/USB key while turning the power on, then rotating the
> >> > M.CH/VFO CH knob to select the menu. Escape it by pressing CLR.
> >> >
> >> > 73, Zack W9SZ
> >> >
> >> > On 12/20/10, finaldrives <finaldrives@> wrote:
> >> > >
> >> > >

> >> > > --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
> >> > >>
> >> > >> I think he wants to use the internal iambic keyer in mode A and it's
> >> > >> set
> >> > >> for
> >> > >> mode B. I believe the internal iambic keyer can be switched from
> >> > >> Iambic B
> >> > >> to
> >> > >> Iambic A mode. I wold have to look at the manual on the control modes
> >> > >> to
> >> > >> see
> >> > >> for sure.
> >> > >>
> >> > >> 73, Zack W9SZ
> >> > >>
> >> > >> On Mon, Dec 20, 2010 at 8:56 AM, Dave ve3wej <ve3wej@> wrote:
> >> > >>
> >> > >> >Thanks for replies...
> >> > > yes Zack...I belive also that is possible Iambic B to Iambic A
> >> > > you can't find anything about that in service or instruction manual...
> >> > > I was trying to find that many times...
> >> > >>
> >> > >> > I thought that is what was meant, so maybe the hidden menu item 24
> >> > >> > is
> >> > >> > more
> >> > >> > towards the answer (see pg 23 and 24 of the manual
> >> > >>
> >> > >> > I assumed the electronic function would make his keyer (external)
> >> > >> > do the
> >> > >> > iambic patterns instead of the internal choice..
> >> > >>
> >> > >>
> >> > >> > ----- Original Message -----
> >> > >> > From: "Zack Widup" <w9sz.zack@ <w9sz.zack%40gmail.com>>
> >> > >> > To: <TS-850_450_690@yahoogroups.com
> >> > >> > <TS-850_450_690%40yahoogroups.com>>
> >> > >> > Sent: Monday, December 20, 2010 9:50 AM
> >> > >> > Subject: Re: [TS-850_450_690] TS-850s CW keyer
> >> > >>
> >> > >> > > No, that turns off the keyer function so you can send with a hand
> >> > >> > > key
> >> > >> > > or
> >> > >> > > bug.
> >> > >>
> >> > >> > > 73, Zack W9SZ
> >> > >>
> >> > >>
> >> > >> > > On 12/20/10, Dave ve3wej <ve3wej@ <ve3wej%40gmail.com>> wrote:
> >> > >> > >> isn't that that what the electronic switch beside the key jack
> >> > >> > >> is for

> >> > >> > ???
> >> > >> > >>
> >> > >> > >>
> >> > >> > >>
> >> > >> > >>
> >> > >> > >> ----- Original Message -----
> >> > >> > >> From: "finaldrives" <finaldrives@ <finaldrives%40yahoo.com>>
> >> > >> > >> To: <TS-850_450_690@yahoogroups.com
> >> > >> > >> <TS-850_450_690%40yahoogroups.com>>
> >> > >> > >> Sent: Monday, December 20, 2010 5:11 AM
> >> > >> > >> Subject: [TS-850_450_690] TS-850s CW keyer
> >> > >> > >>
> >> > >> > >>
> >> > >> > >>> Is there any possibility to switch OFF the "dot-dash memory" in
> >> > >> > >>> the
> >> > >> > >>> keyer??(IAMBIC B to IAMBIC A)
> >> > >> > >>> any mod or something???
> >> > >> > >>> I can't find anything out there for that...
> >> > >> > >>> After 20 years CW without dot-dash memory hardly can do it
> >> > >> > >>> with...:))
> >> > >> > >>> All the time I using external keyer...
> >> > >> > >>> maybe some explanations of I/O pins on keyer MCU...
> >> > >> > >>> tnx in advance....
> >> > >> > >>>
> >> > >> > >>>
> >> > >> > >>>
> >> > >> > >>>
> >> > >> > >>>
> >> > >> > >>> ------------------------------------
> >> > >> > >>>
> >> > >> > >>> THANKS FOR USING
> >> > >> > >>> TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> >> > >> > Groups Links
> >> > >> > >>>
> >> > >> > >>>
> >> > >> > >>>
> >> > >> > >>
> >> > >> > >
> >> > >> > >
> >> > >> > ------------------------------------
> >> > >> > >
> >> > >> > THANKS FOR USING
> >> > >> > TS-850_450_690@<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> >> > >> Groups Links
> >> > >> > >
> >> > >> > >
> >> > >> > >
> >> > >>
> >> > >>
> >> > >>

> >> > >>
> >> > >>
> >> > >> [Non-text portions of this message have been removed]
> >> > >>
> >> > >
> >> > >
> >> > >
> >> >
> >>
> >
> >
> >
>

10032. Re: [TS-850_450_690] Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 21:12:37 UTC
From: Dave ve3wej
Topic: 10029 Message: 10032

check the power supply.....

----- Original Message -----
From: "john ferro" <flogger426@...>
To: <ts-850_450_690@yahoogroups.com>
Sent: Wednesday, December 22, 2010 1:40 PM
Subject: [TS-850_450_690] Ts-450sat cuts out when transmitting

>
> i have a ts-450sat that just cuts out during transmit. - full power out,
> i'm talking into the mic and the radio just goes dead. turn the radio to
> off position, wait 15 - 30 seconds and it turns back on. has anyone
> experienced this?? thanks in advance.
>
> thx, john
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10033. Re: [TS-850_450_690] Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 22:14:01 UTC
From: Mel Cruts
Topic: 10029 Message: 10033

Hi,
I haven't experienced that on my TS-450 but did experience such a thing on a TS-530. On the 530 I finally found there was a cold solder joint where
one of the 6146 final amp tube's socket soldered to the PC board. The TS-530 was probably Kenwood's first effort at using a PC Board in the final amp compartment and the quality was sub-par. Inspect your radio closely for evidence of a dis-colored solder joint...you could have a similar problem.

I had an engineering manager friend that was with a management group touring Japanese manufacturing plants in the early nineties. That was when the big thing was to become ISO 9000 compliant with your manufacturing effort. ISO 9000 was a major industry effort to assure that the highest quality standards were observed in manufacturing ... I hear groans from many of you that had to jump through hoops to meet those requirements. All the gibberish to say this...at the time of that tour Yaesu was the only one of the big three ham equipment manufacturers that had met ISO 9000 requirements at that time. According to my friend, Kenwood seemed to be the least compliant at that time. Both my friend and I own and enjoy Kenwood equipment though and I am certain quality has improved across the lines of every manufacturer since then.
73,
Mel - KF6OZ, The Wandering Wizard of OZ

On Wed, 2010-12-22 at 18:40 +0000, john ferro wrote:

>
>
>
> i have a ts-450sat that just cuts out during transmit. - full power
> out, i'm talking into the mic and the radio just goes dead. turn the
> radio to off position, wait 15 - 30 seconds and it turns back on. has
> anyone experienced this?? thanks in advance.
>
> thx, john
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

10034. Re: [TS-850_450_690] Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-22 22:16:33 UTC
From: Tom Osborne
Topic: 10029 Message: 10034

Yes. Be sure to check this. If there is a knob that adjusts the voltage or amps on the PS, make sure it hasn't gotten bumped. That has happened to me before. When I would hit the transmitter, the whole radio cut off.

If you don't have knobs, and have another power supply, check that out. If you don't try the car battery. 73 and GL

check the power supply.....

>
> i have a ts-450sat that just cuts out during transmit. - full power out,
> i'm talking into the mic and the radio just goes dead. turn the radio to
> off position, wait 15 - 30 seconds and it turns back on. has anyone
> experienced this?? thanks in advance.
>
> thx, john
>
>
> [Non-text portions of this message have been removed]

10035. Re: [TS-850_450_690] Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-23 01:58:43 UTC
From: Tony Lelieveld
Topic: 10029 Message: 10035

How true. I once had a choice between two GE MASTRII repeaters and both came out of active service fully operational. The first one I tried would cut out on high power. Then the second one did the same thing. After scratching my head for a while, I discovered that by moving around I had bumped the current limit control on the power supply.

Once I re-adjusted it, both repeaters worked great. So..... I took the cleanest one and it performs flawlessly. Lesson learned was to move the power supply in a spot where I would not accidentally be able to bump the Voltage and current limit controls. I never had this happen again.
73, Tony VE3DWI / K8DWI.

****
Yes. Be sure to check this. If there is a knob that adjusts the voltage or amps on the PS, make sure it hasn't gotten bumped. That has happened to me before. When I would hit the transmitter, the whole radio cut off.

If you don't have knobs, and have another power supply, check that out. If you don't try the car battery. 73 and GL

check the power supply.....

[Non-text portions of this message have been removed]

10036. Re: Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-23 03:39:16 UTC
From: avvidclif
Topic: 10029 Message: 10036

Note: Unless you are haggling over the price of a radio please keep all repair questions and answers on the group so everyone will learn.

Clif

--- In TS-850_450_690@yahoogroups.com, "W8HW" <w8hw@...> wrote:
>
> Hello John,
>
> Need more information to find your problem. Please answer the questions below and forward it to me direct,
> 1. By dead, do you mean the whole radio goes dead? No RX as well, just dark radio?
> 2. Does your power supply have metes on it? If so, how much current is radio drawing during TX and how big (in amp rating) is your power supply?
> 3. Please try to give more information in general and I will try to help you.
>
> 73, Bruce, W8HW
> w8hw@...
> Hams helping hams become radio-active.
> I buy and-or fix broke radios.
>
>
> ----- Original Message -----
> From: john ferro
> To: ts-850_450_690@yahoogroups.com
> Sent: Wednesday, December 22, 2010 1:40 PM
> Subject: [TS-850_450_690] Ts-450sat cuts out when transmitting
>
>
>
>
> i have a ts-450sat that just cuts out during transmit. - full power out, i'm talking into the mic and the radio just goes dead. turn the radio to off position, wait 15 - 30 seconds and it turns back on. has anyone experienced this?? thanks in advance.
>
> thx, john
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

10037. Re: [TS-850_450_690] Re: Ts-450sat cuts out when transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-23 12:22:28 UTC
From: W8HW
Topic: 10029 Message: 10037

Hello Cliff,

Okay, thanks for letting me know.

73, Bruce

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 22, 2010 10:39 PM
Subject: [TS-850_450_690] Re: Ts-450sat cuts out when transmitting

Note: Unless you are haggling over the price of a radio please keep all repair questions and answers on the group so everyone will learn.

Clif

--- In TS-850_450_690@yahoogroups.com, "W8HW" <w8hw@...> wrote:
>
> Hello John,
>
> Need more information to find your problem. Please answer the questions below and forward it to me direct,
> 1. By dead, do you mean the whole radio goes dead? No RX as well, just dark radio?
> 2. Does your power supply have metes on it? If so, how much current is radio drawing during TX and how big (in amp rating) is your power supply?
> 3. Please try to give more information in general and I will try to help you.
>
> 73, Bruce, W8HW
> w8hw@...
> Hams helping hams become radio-active.
> I buy and-or fix broke radios.
>
>
> ----- Original Message -----
> From: john ferro
> To: ts-850_450_690@yahoogroups.com
> Sent: Wednesday, December 22, 2010 1:40 PM
> Subject: [TS-850_450_690] Ts-450sat cuts out when transmitting
>
>
>
>
>
> i have a ts-450sat that just cuts out during transmit. - full power out, i'm talking into the mic and the radio just goes dead. turn the radio to off position, wait 15 - 30 seconds and it turns back on. has anyone experienced this?? thanks in advance.

>
> thx, john
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10038. Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-23 21:01:22 UTC
From: helmsman111
Topic: 10038 Message: 10038

what is the correct hook up for these 3 units. the instruction are not correct.

Thank You

10039. RE: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-23 22:58:58 UTC
From: Richard Schmuke
Topic: 10038 Message: 10039

It might be a over kill but I use the P'n play cable from the 704 to the 450, only one place it will plug into at the 450 and then the RCA plug cable between relay connectors of the 704 and the amp. You can't hurt the amp with the 704 & ALC hooked up so it is good insurance for the AMP , IMO.

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of helmsman111
Sent: Thursday, December 23, 2010 3:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

what is the correct hook up for these 3 units. the instruction are not correct.

Thank You

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3331 - Release Date: 12/23/10 01:34:00

[Non-text portions of this message have been removed]

10040. RE: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-23 23:45:02 UTC
From: Richard Schmuke
Topic: 10038 Message: 10040

I forgot to ask , did you turn on the amp relay in the TS-450??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of helmsman111
Sent: Thursday, December 23, 2010 3:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811
amplifier

what is the correct hook up for these 3 units. the instruction are not
correct.

Thank You

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3331 - Release Date: 12/23/10
01:34:00

[Non-text portions of this message have been removed]

10041. RE: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-24 16:56:50 UTC
From: Richard Schmuke
Topic: 10038 Message: 10041

No problem, get well first. I understand emergency operations , at my age
I have had a couple also.

I am always happy to help when I can.

Rich , Kd0zz

-----Original Message-----

From: notify@yahoogroups.com [mailto:notify@yahoogroups.com] On Behalf Of
helmsman111

Sent: Friday, December 24, 2010 10:36 AM

To: Richard Schmuke

Subject: Kenwood ts-450 & ARB-704 & Ameritron AL-811

I had an emergency operation the other day and am still groggy.

Sorry but I'll have to email you in a week or two.

Thanks

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of helmsman111
Sent: Thursday, December 23, 2010 3:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811
amplifier

what is the correct hook up for these 3 units. the instruction are not
correct.

Thank You

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3331 - Release Date: 12/23/10
01:34:00

[Non-text portions of this message have been removed]

10042. RE: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-24 18:12:56 UTC
From: Richard Schmuke
Topic: 10038 Message: 10042

I tried to e-mail you direct with some information on the set up but it bounced. When you can, e-mail me direct with your you correct email address. The 450 , 704 , 811 is the set up I have.

rdj@...

73 , Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of helmsman111
Sent: Thursday, December 23, 2010 3:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

what is the correct hook up for these 3 units. the instruction are not correct.

Thank You

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3331 - Release Date: 12/23/10 01:34:00

[Non-text portions of this message have been removed]

10043. Re: Kenwood ts-450 - sat & arb-704 & al - 811 amplifier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-24 19:32:00 UTC
From: avvidclif
Topic: 10038 Message: 10043

Curious minds want to know; why are you using an ARB-704????

Clif

--- In TS-850_450_690@yahoogroups.com, "helmsman111" <helmsman111@...> wrote:
>
> what is the correct hook up for these 3 units. the instruction are not
> correct.
>
> Thank You
>

10044. TS850, Inrad filters & slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-26 00:57:42 UTC
From: villy.madsen
Topic: 10044 Message: 10044

I just installed a couple of inrad 2.1 khz filters.

in upper or lower sb setting - everything seems to work ok - the slope works as expected.

in cw mode if I select the 2 built-in 2.7 Khz filters, or one of the 2.7 and one of the 2.1 filters, it seems to work ok,

but if I select both of the 2.1 khz filters - then the slope tuning doesn't appear to do much of anything..

CW pitch is set to 800hz

the 8.8mhz inrad is in the leftmost slot (furthest away from the 455khz filters)- so it shows up as a 500hz filter on the front panel - as does the 2.1khz 455 filter.

Does anyone have any thoughts ???

Villy

ve6sq

10045. Re: TS850, Inrad filters & slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-26 03:54:41 UTC
From: Steve
Topic: 10044 Message: 10045

Villy,

My 2.8 KHz INRAD filters in both IF's work tremendously when I use the either the high or low-cut slope feature. They are in the 8.83 MHz "270" and 455 KHz "500" slots. Install them there.

Oh, I also have an INRAD 400 Hz CW filter in the other 8.83 MHz slot -- the "500" location.

Good luck -- the INRAD filters are great.

73 de Steve, NL7W
-- not in but around Palmer, AK

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> I just installed a couple of inrad 2.1 khz filters.
>
> in upper or lower sb setting - everything seems to work ok - the slope works as expected.
>
> in cw mode if I select the 2 built-in 2.7 Khz filters, or one of the 2.7 and one of the 2.1 filters, it seems to work ok,
>
> but if I select both of the 2.1 khz filters - then the slope tuning doesn't appear to do much of anything..
>
> CW pitch is set to 800hz
>
> the 8.8mhz inrad is in the leftmost slot (furthest away from the 455khz filters)- so it shows up as a 500hz filter on the front panel - as does the 2.1khz 455 filter.
>
> Does anyone have any thoughts ???
>
> Villy
>
> ve6sq
>

10046. Re: [TS-850_450_690] TS850, Inrad filters & slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-26 04:02:47 UTC
From: Dave ve3wej
Topic: 10044 Message: 10046

I think the 2nd filter has to be one of the cw filters, for the slope to be working

check your dipswitch settings under the top cover, they may be set wrong

and do you have the 455 filter installed..

----- Original Message -----
From: "villy.madsen" <Villy.Madsen@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, December 25, 2010 7:57 PM
Subject: [TS-850_450_690] TS850, Inrad filters & slope tuning

>I just installed a couple of inrad 2.1 khz filters.
>
> in upper or lower sb setting - everything seems to work ok - the slope
> works as expected.
>
> in cw mode if I select the 2 built-in 2.7 Khz filters, or one of the 2.7
> and one of the 2.1 filters, it seems to work ok,
>
> but if I select both of the 2.1 khz filters - then the slope tuning
> doesn't appear to do much of anything..
>
> CW pitch is set to 800hz
>
> the 8.8mhz inrad is in the leftmost slot (furthest away from the 455khz
> filters)- so it shows up as a 500hz filter on the front panel - as does
> the 2.1khz 455 filter.
>
> Does anyone have any thoughts ???
>
> Villy
>
> ve6sq
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10047. Re: TS850, Inrad filters & slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-26 19:29:05 UTC
From: villy.madsen
Topic: 10044 Message: 10047

--- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@...> wrote:
>
> I think the 2nd filter has to be one of the cw filters, for the slope to be
> working
>
> check your dipswitch settings under the top cover, they may be set wrong
>
> and do you have the 455 filter installed..
>
>
>
Thanks Dave

I did move the filter
and things to appear to be working fine - but I am not sure whether it was that change, or just me taking a second look at how things are working.

In the event, I'm not changing things back to verify that <G>.

One thing that I do know, is that I probably won't bother with the CW filter (which I had thought about buying) the 2.1s in the 8mhz & 455khz slots with slope tuning would appear to oviate that requirement

Villy
ve6sq

10048. Re: TS850, Inrad filters & slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-27 01:04:24 UTC
From: Steve
Topic: 10044 Message: 10048

Villy,

Glad to hear they're working okay now. I also believe the 2.1 KHz filter pair should suffice, when narrowed down by the slopes, for most all modes.

Note: I found that to be the case when I op'd a TS-830S with matching 2.1 KHz filters in both IF's, to include the filter switch kit that switched in the original Murata filters for transmit.

Please tell us the final configuration that worked for you -- slots and dip switch settings. I bet they're the same as my rig with the matching 2.8 KHz filters, but I'd like to compare notes, as I may try the 2.1 KHz filters myself soon.

Thanks.

Steve, NL7W

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
> >
> > I think the 2nd filter has to be one of the cw filters, for the slope to be
> > working
> >
> > check your dipswitch settings under the top cover, they may be set wrong
> >
> > and do you have the 455 filter installed..
> >
> >
> >
> Thanks Dave
>
> I did move the filter
> and things to appear to be working fine - but I am not sure whether it was that change, or just me taking a second look at how things are working.
>
> In the event, I'm not changing things back to verify that <G>.
>
> One thing that I do know, is that I probably won't bother with the CW filter (which I had thought about buying) the 2.1s in the 8mhz & 455khz slots with slope tuning would appear to oviate that requirement
>
> Villy
> ve6sq

>

10049. Re: TS850, Inrad filters & slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-27 05:35:41 UTC
From: ah6rr1
Topic: 10044 Message: 10049

Steve,
I have been using the 2.1 Inrads in both IF's for a couple of years now they are much better than the 1.8 and 2.4 and when combined with the Inrad Roofing filter kit they are outstanding in a contest/crowded band. I also have a 500hz cw filter that is also great for the same conditions. The slope tune is good but when a BIG GUN moves in close you have to move unless you have the roofing filter but if they get within 3 khz it's time to move anything over 3khz and not a scratch unless they are +30over 9.
73 and HNY
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Steve" <steven.gehring@...> wrote:
>
> Villy,
>
> Glad to hear they're working okay now. I also believe the 2.1 KHz filter pair should suffice, when narrowed down by the slopes, for most all modes.
>
> Note: I found that to be the case when I op'd a TS-830S with matching 2.1 KHz filters in both IF's, to include the filter switch kit that switched in the original Murata filters for transmit.
>
> Please tell us the final configuration that worked for you -- slots and dip switch settings. I bet they're the same as my rig with the matching 2.8 KHz filters, but I'd like to compare notes, as I may try the 2.1 KHz filters myself soon.
>
> Thanks.
>
> Steve, NL7W
>
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave ve3wej" <ve3wej@> wrote:
> > >
> > > I think the 2nd filter has to be one of the cw filters, for the slope to be
> > > working
> > >
> > > check your dipswitch settings under the top cover, they may be set wrong
> > >
> > > and do you have the 455 filter installed..
> > >
> > >
> > >

> > Thanks Dave
> >
> > I did move the filter
> > and things to appear to be working fine - but I am not sure whether it was that change, or just me taking a second look at how things are working.
> >
> > In the event, I'm not changing things back to verify that <G>.
> >
> > One thing that I do know, is that I probably won't bother with the CW filter (which I had thought about buying) the 2.1s in the 8mhz & 455khz slots with slope tuning would appear to oviate that requirement
> >
> > Villy
> > ve6sq
> >
>

10050. TS850 optimum filters for SSB?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-27 19:50:41 UTC
From: kd5vhf
Topic: 10050 Message: 10050

I don't do digital or CW. Looking to see if there are any filter changes you would recomend for general rag chewing. The slope tune is great but sometimes I would like to cut a near by station better. I see Inrad has the 2.8 & 2.1 along with a roofing filter. What (If any or all) filters would you suggest? Can they be installed to where I could switch between the 2.1 and 2.7(Factory) or 2.8 ? Would I be better off with just the roofing filter? Maybe no roofing filter but go with the 2.1 or 2.8?
Thanks for any help , Mike

10051. Re: TS850 optimum filters for SSB?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-27 20:25:39 UTC
From: ah6rr1
Topic: 10050 Message: 10051

Aloha Mike,
I have the Inrad 2.1 filters in both IF's and the Roofing filter and the combanation is outstanding. I can get within 3khz of a s9 signal with no scratch at all S9+10 very little scratch. I use my radio for contesting, DXing and rag chewing. Once the roofing filter is installed the AM broadcasting receive is somewhat degraded due to the fact the roofing filter is 5-6khz wide. You can swtich to the factory filters with the inrads installed. Try the 2.1 filters first then if you feel you need too add the roofing filter.
Enjoy the fine radio Mike.
Roland AH6RR
--- In TS-850_450_690@yahoogroups.com, "kd5vhf" <mypc800@...> wrote:
>
> I don't do digital or CW. Looking to see if there are any filter changes you would recomend for general rag chewing. The slope tune is great but sometimes I would like to cut a near by station better. I see Inrad has the 2.8 & 2.1 along with a roofing filter. What (If any or all) filters would you suggest? Can they be installed to where I could switch between the 2.1 and 2.7(Factory) or 2.8 ? Would I be better off with just the roofing filter? Maybe no roofing filter but go with the 2.1 or 2.8?
> Thanks for any help , Mike
>

10052. Re: TS850 optimum filters for SSB?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-28 00:29:06 UTC
From: kd5vhf
Topic: 10050 Message: 10052

Thanks Roland. I need to send the rig to AVVID to repair the RX but I think I'll wait until the filters come in and then send it to him and have him install the filters while he is in there.
73 , Mike

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Aloha Mike,
> I have the Inrad 2.1 filters in both IF's and the Roofing filter and the combanation is outstanding. I can get within 3khz of a s9 signal with no scratch at all S9+10 very little scratch. I use my radio for contesting, DXing and rag chewing. Once the roofing filter is installed the AM broadcasting receive is somewhat degraded due to the fact the roofing filter is 5-6khz wide. You can swtich to the factory filters with the inrads installed. Try the 2.1 filters first then if you feel you need too add the roofing filter.
> Enjoy the fine radio Mike.
> Roland AH6RR
> --- In TS-850_450_690@...m, "kd5vhf" <mypc800@> wrote:
> >
> > I don't do digital or CW. Looking to see if there are any filter changes you would recomend for general rag chewing. The slope tune is great but sometimes I would like to cut a near by station better. I see Inrad has the 2.8 & 2.1 along with a roofing filter. What (If any or all) filters would you suggest? Can they be installed to where I could switch between the 2.1 and 2.7(Factory) or 2.8 ? Would I be better off with just the roofing filter? Maybe no roofing filter but go with the 2.1 or 2.8?
> > Thanks for any help , Mike
> >
>

10053. TS 850 S Display board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-28 16:50:23 UTC
From: m0tnx@btopenworld.com
Topic: 10053 Message: 10053

Hi All and thanks for reading my post.

I bought an 850 on xmas eve, things have been tight money wise for a while, and it took me a good time to afford the radio..

Today, just after working 7Z1CQ, the display started to flash when turning the VFO knob.

I searched the web and found http://jvgavila.com/wb7.htm

I've replaced the cap, now the display has failed altogether.

Couple of questions please.
1) Does anyone know where I could get hold of a Display (working that is!!) board?

2) do you think that the original display board may be repaired?

I love the 850, it's a beautiful radio, and I really don't want to lose my money or send another classic to Rig Heaven.

Thanks for any advice offered.

Kev

M0TNX

10054. Re: [TS-850_450_690] TS 850 S Display board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-28 21:26:40 UTC
From: Mel Cruts
Topic: 10053 Message: 10054

Hi,
When you replaced the capacitor had the leakage eaten away any PC board traces. When replacing this capacitor it is common to also have to repair land patterns that have been eaten away by the leakage from the cap. That might be why it has failed completely now.
73,
Mel - KF6OZ

On Tue, 2010-12-28 at 16:50 +0000, m0tnx@... wrote:

>
>
> Hi All and thanks for reading my post.
>
> I bought an 850 on xmas eve, things have been tight money wise for a
> while, and it took me a good time to afford the radio..
>
> Today, just after working 7Z1CQ, the display started to flash when
> turning the VFO knob.
>
> I searched the web and found http://jvgavila.com/wb7.htm
>
> I've replaced the cap, now the display has failed altogether.
>
> Couple of questions please.
> 1) Does anyone know where I could get hold of a Display (working that
> is!!) board?
>
> 2) do you think that the original display board may be repaired?
>
> I love the 850, it's a beautiful radio, and I really don't want to
> lose my money or send another classic to Rig Heaven.
>
> Thanks for any advice offered.
>
> Kev
>
> M0TNX
>
>
>
>
>

[Non-text portions of this message have been removed]

10055. Re: TS 850 S Display board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-28 21:26:17 UTC
From: avvidclif
Topic: 10053 Message: 10055

Did you follow his direction and clean the board and verify the connections? Just replacing the cap won't do. He has excellent pictures of what to look for BTW.

Clif

--- In TS-850_450_690@yahoogroups.com, "m0tnx@..." <m0tnx@...> wrote:
>
> Hi All and thanks for reading my post.
>
> I bought an 850 on xmas eve, things have been tight money wise for a while, and it took me a good time to afford the radio..
>
> Today, just after working 7Z1CQ, the display started to flash when turning the VFO knob.
>
> I searched the web and found http://jvgavila.com/wb7.htm
>
> I've replaced the cap, now the display has failed altogether.
>
> Couple of questions please.
> 1) Does anyone know where I could get hold of a Display (working that is!!) board?
>
> 2) do you think that the original display board may be repaired?
>
> I love the 850, it's a beautiful radio, and I really don't want to lose my money or send another classic to Rig Heaven.
>
> Thanks for any advice offered.
>
> Kev
>
> M0TNX
>

10056. Re: [TS-850_450_690] TS 850 S Display board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-28 21:58:48 UTC
From: Dave @ Gmail
Topic: 10053 Message: 10056

If the cap had leaked, it may have destroyed part of the trace, also make
sure your cap is NOT in backwards

check your work, it was working, so it should be at least working the same
as it was before.\

From: <m0tnx@...>
Sent: Tuesday, December 28, 2010 11:50 AM
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] TS 850 S Display board.

> Hi All and thanks for reading my post.
>
> I bought an 850 on xmas eve, things have been tight money wise for a
> while, and it took me a good time to afford the radio..
>
> Today, just after working 7Z1CQ, the display started to flash when turning
> the VFO knob.
>
> I searched the web and found http://jvgavila.com/wb7.htm
>
> I've replaced the cap, now the display has failed altogether.
>
> Couple of questions please.
> 1) Does anyone know where I could get hold of a Display (working that
> is!!) board?
>
> 2) do you think that the original display board may be repaired?
>
> I love the 850, it's a beautiful radio, and I really don't want to lose my
> money or send another classic to Rig Heaven.
>
> Thanks for any advice offered.
>
> Kev
>
> M0TNX
>
>
>
> ---
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

>

10057. Re: TS 850 S Display board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 08:47:09 UTC
From: eb5agv
Topic: 10053 Message: 10057

Hello Kev,

I am sorry if my WEB info misleaded you. As Clif comments, you need to carefully clean leaked electrolyte and check PCB traces, both the larger ones on the capacitor side AND the small ones at the other side. Note also that the replaced capacitor is mounted on traces which could be damaged. If you install it as I show in my WEB, it is easier to scrap traces and add some soldering to fix them. Depending on damage, I install the cap vertical or not.

I have fixed about a dozen units so far, and most had the small trace opened. And, yes, almost always is a fixable damage.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

--- In TS-850_450_690@yahoogroups.com, "m0tnx@..." <m0tnx@...> wrote:
>
> Hi All and thanks for reading my post.
>
> I bought an 850 on xmas eve, things have been tight money wise for a while, and it took me a good time to afford the radio..
>
> Today, just after working 7Z1CQ, the display started to flash when turning the VFO knob.
>
> I searched the web and found http://jvgavila.com/wb7.htm
>
> I've replaced the cap, now the display has failed altogether.
>
> Couple of questions please.
> 1) Does anyone know where I could get hold of a Display (working that is!!) board?
>
> 2) do you think that the original display board may be repaired?
>
> I love the 850, it's a beautiful radio, and I really don't want to lose my money or send another classic to Rig Heaven.
>
> Thanks for any advice offered.
>
> Kev
>
> M0TNX

10058. ALC on TS950

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 09:31:44 UTC
From: Patrick Egloff
Topic: 10058 Message: 10058

Hi all,

A friend of mine bought a TS950S from an old ham. Everything is working fine, except that the output power on SSB is around 40-50W.
CW and FM are giving full power.
The seller told my friend that he modified something around the ALC 20 years ago, but has forgotten what he did !

Has anyone a guess what could be the mod/adjustement to do to bring the full power back in SSB ?

Thanks and season greetings,
Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...
Web page : http://www.tk5ep.tk

[Non-text portions of this message have been removed]

10059. Re: [TS-850_450_690] ALC on TS950

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 14:35:18 UTC
From: Dave @ Gmail
Topic: 10058 Message: 10059

some of the other rigs used to have a slide switch/dip switch internal for dropping the power, maybe the 950 has that as well, check the manual

---

From: "Patrick Egloff" <pegloff@...>
Sent: Wednesday, December 29, 2010 4:31 AM
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] ALC on TS950

> Hi all,
>
> A friend of mine bought a TS950S from an old ham. Everything is working
> fine, except that the output power on SSB is around 40-50W.
> CW and FM are giving full power.
> The seller told my friend that he modified something around the ALC 20
> years
> ago, but has forgotten what he did !
>
> Has anyone a guess what could be the mod/adjustement to do to bring the
> full
> power back in SSB ?
>
> Thanks and season greetings,
> Patrick
>
> --
> Patrick Egloff - TK5EP
> email : pegloff@...
> Web page : http://www.tk5ep.tk
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10060. TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 05:46:19 UTC
From: JOHN WOLFE
Topic: 10060 Message: 10060

I have a TS850SAT and can not get the CW keyer o setup.
Is the keyer an option to install. The menue items 21 and 22 do not show up when the menue is activated. Any help?
73, John

[Non-text portions of this message have been removed]

10061. Re: ALC on TS950

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 15:44:12 UTC
From: avvidclif
Topic: 10058 Message: 10061

That power reading is about right if he not using a peak reading meter.

Clif

--- In TS-850_450_690@yahoogroups.com, Patrick Egloff <pegloff@...> wrote:
>
> Hi all,
>
> A friend of mine bought a TS950S from an old ham. Everything is working
> fine, except that the output power on SSB is around 40-50W.
> CW and FM are giving full power.
> The seller told my friend that he modified something around the ALC 20 years
> ago, but has forgotten what he did !
>
> Has anyone a guess what could be the mod/adjustement to do to bring the full
> power back in SSB ?
>
> Thanks and season greetings,
> Patrick
>
> --
> Patrick Egloff - TK5EP
> email : pegloff@...
> Web page : http://www.tk5ep.tk
>
>
> [Non-text portions of this message have been removed]
>

10062. Re: [TS-850_450_690] TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 15:43:37 UTC
From: Dave @ Gmail
Topic: 10060 Message: 10062

did you slide the switch on the rear. also it only switches between
straight key and paddle (dit dah) you have to have the electronic keyer
external to the radio

From: "JOHN WOLFE" <wa0bnz@...>
Sent: Wednesday, December 29, 2010 12:46 AM
To: <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] TS850 Builtin Keyer

> I have a TS850SAT and can not get the CW keyer o setup.
> Is the keyer an option to install. The menue items 21 and 22 do not show
> up
> when the menue is activated. Any help?
> 73, John
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10063. Re: [TS-850_450_690] TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-29 15:49:11 UTC
From: cparrish104@cfl.rr.com
Topic: 10060 Message: 10063

John, did you slide the "Electronic Key" switch on the back of the rig to "On"?

73, Curt, K4TL
---- JOHN WOLFE <wa0bnz@...> wrote:
> I have a TS850SAT and can not get the CW keyer o setup.
> Is the keyer an option to install. The menue items 21 and 22 do not show up
> when the menue is activated. Any help?
> 73, John
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10064. Re: TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-30 12:32:06 UTC
From: na7i_dick
Topic: 10060 Message: 10064

John,

I don't quite know what Dave can be referring to.

Isn't there a knob on the front panel, dual knob with 'carrier', to control 'key speed'? That seems to indicate that the keyer is internal, built-in. At least, that's how it is on my 850SAT.

When I plug in a paddle set (three wire plug), and set the slide switch, I get normal keying from dit and dah paddles. Speed is adjustable as stated.

Dick NA7I

--- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@...> wrote:
>
> did you slide the switch on the rear. also it only switches between
> straight key and paddle (dit dah) you have to have the electronic keyer
> external to the radio
>
>
> ----------
> From: "JOHN WOLFE" <wa0bnz@...>
> Sent: Wednesday, December 29, 2010 12:46 AM
> To: <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] TS850 Builtin Keyer
>
> > I have a TS850SAT and can not get the CW keyer o setup.
> > Is the keyer an option to install. The menue items 21 and 22 do not show
> > up
> > when the menue is activated. Any help?
> > 73, John

10065. Re: [TS-850_450_690] Re: TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-30 14:10:24 UTC
From: Zack Widup
Topic: 10060 Message: 10065

Yes. When that switch is off, you just transmit when the tip of the plug is grounded, for hand keying, bug or external keyer (BTW, hope to work some of you in Straight Key Night!). Also, when that switch is off, menu items 21 and and 24 don't show up.

73, Zack W9SZ

On 12/30/10, na7i_dick <jrich@...> wrote:
> John,
>
> I don't quite know what Dave can be referring to.
>
> Isn't there a knob on the front panel, dual knob with 'carrier', to control
> 'key speed'? That seems to indicate that the keyer is internal, built-in. At
> least, that's how it is on my 850SAT.
>
> When I plug in a paddle set (three wire plug), and set the slide switch, I
> get normal keying from dit and dah paddles. Speed is adjustable as stated.
>
> Dick NA7I
>
> --- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@...> wrote:
>>
>> did you slide the switch on the rear. also it only switches between
>> straight key and paddle (dit dah) you have to have the electronic keyer
>> external to the radio
>>
>>
>> --
>> From: "JOHN WOLFE" <wa0bnz@...>
>> Sent: Wednesday, December 29, 2010 12:46 AM
>> To: <TS-850_450_690@yahoogroups.com>
>> Subject: [TS-850_450_690] TS850 Builtin Keyer
>>
>> > I have a TS850SAT and can not get the CW keyer o setup.
>> > Is the keyer an option to install. The menue items 21 and 22 do not
>> > show
>> > up
>> > when the menue is activated. Any help?
>> > 73, John
>
>
>

10066. Re: TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-31 14:21:43 UTC
From: ny1t
Topic: 10060 Message: 10066

There is a switch on the back near the key jack. When you switch that to on and the menu functions 21 and 22 should show up. I don't know if you have to power down and back on after switching, so if they do not show up, try that.

You will use a stereo plug, not a mono as one side is dit the other dah then ground. The instruction manual in in the files section of this group, so all this info should be there.

Galen
S/V NoSerfing

10067. Re: [TS-850_450_690] Re: TS850 Builtin Keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2010-12-31 16:44:53 UTC
From: Zack Widup
Topic: 10060 Message: 10067

No, you don't have to power up again. If you're in the menu mode and switch that switch to the straight key position, those menu items disappear. If you put the switch in the keyer position, they reappear. I just tried it.

73 & HNY, Zack W9SZ

On 12/31/10, ny1t <ny1t@...> wrote:
> There is a switch on the back near the key jack. When you switch that to on
> and the menu functions 21 and 22 should show up. I don't know if you have to
> power down and back on after switching, so if they do not show up, try that.
>
> You will use a stereo plug, not a mono as one side is dit the other dah then
> ground. The instruction manual in in the files section of this group, so all
> this info should be there.
>
> Galen
> S/V NoSerfing
>
>

10068. Re: TS850 optimum filters for SSB?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-01 20:41:39 UTC
From: Miro C
Topic: 10050 Message: 10068

--- In TS-850_450_690@yahoogroups.com, "kd5vhf" <mypc800@...> wrote:
>
> I don't do digital or CW. Looking to see if there are any filter changes you would recomend for general rag chewing. The slope tune is great but sometimes I would like to cut a near by station better. I see Inrad has the 2.8 & 2.1 along with a roofing filter. What (If any or all) filters would you suggest? Can they be installed to where I could switch between the 2.1 and 2.7(Factory) or 2.8 ? Would I be better off with just the roofing filter? Maybe no roofing filter but go with the 2.1 or 2.8?
> Thanks for any help , Mike
>

Hi

Over a year ago also was wondering which filter would be best. I was looking mainly to filter DXing and contesting. As a result, I bought two filters: Inrad 2.1 kHz and 1.8 kHz original Kenwood (both on 8.83 MHz IF).
For rag chewing and DXing in my opinion is better 2.1 kHz.

For very weak signals when splater is not a problem (only noise and QRN), 2.1 kHz often improves the clarity of the signal, compared to the factory 2.7 kHz, in particular on the low bands. With 1.8 it is not obvious.

When the received signal is strong, but prevent us splater, both are better than the factory 2.7 k.

In contesting (a powerful signal, a huge splater), I see no big differences between 2.1 kHz and 1.8 kHz, because both are for me ... too wide. Using Slope Tune I narrow bandwidth up to 1.4 kHz (300Hz to 1700Hz on waterfall).

I should mention that my TS-850 is equipped with Inrad roofing filter.

73! Miro SP2QOT

10069. Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-03 04:07:12 UTC
From: k4zot
Topic: 10069 Message: 10069

I have a TS-850S and am using HRD CAT. Yesterday for the first time I could click on the HRD logbook DX Cluster spot and the radio would tune to the frequency. It never work before yesterday. Today I could not get it to do it. Some how I must have changed some setting or ? Does anyone have a suggestion on what I can do to get back my automatic DX Cluster spot tuning. It was really neat while it lasted. I'm not sure what turns it on or off?

Glenn - K4ZOT

10070. Re: [TS-850_450_690] Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-03 14:35:35 UTC
From: ik8vze
Topic: 10069 Message: 10070

DO NOT KNOW YOUR SOFTWARE, but I understand you're working with an interface that uses port RS232 I BELIEVE, SO THE COMMUNICATION BETWEEN THE TS-850 and your PC must be set CHECK: 1) COM ports, 2) BAUD 3) PARITY4) DATA BIT 5) BIT STOP
USING THE SOFTWARE
I USE IT SOFTWARE ITALIAN "EasyLog"

73 DE IK8VZE

----- Original Message -----
From: k4zot
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 03, 2011 5:07 AM
Subject: [TS-850_450_690] Automatic Tuning to DX Cluster Spots via TS-850

I have a TS-850S and am using HRD CAT. Yesterday for the first time I could click on the HRD logbook DX Cluster spot and the radio would tune to the frequency. It never work before yesterday. Today I could not get it to do it. Some how I must have changed some setting or ? Does anyone have a suggestion on what I can do to get back my automatic DX Cluster spot tuning. It was really neat while it lasted. I'm not sure what turns it on or off?

Glenn - K4ZOT

[Non-text portions of this message have been removed]

10071. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-03 16:08:48 UTC
From: Didier
Topic: 10069 Message: 10071

Make sure
A) that you link to the radio is ok(see if you can read the frequency correctly.
B) that you logged in the DX cluster, this is not done automatically (top row of the DX cluster window)

Unfortunatly I cannot send some screens capture as I am actually touring in south Chile (CE7/F6DXE) and have another set (IC7000) with me and no HRD active

Didier F6DXE
TS-690S and HRD user

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> I have a TS-850S and am using HRD CAT. Yesterday for the first time I could click on the HRD logbook DX Cluster spot and the radio would tune to the frequency. It never work before yesterday. Today I could not get it to do it. Some how I must have changed some setting or ? Does anyone have a suggestion on what I can do to get back my automatic DX Cluster spot tuning. It was really neat while it lasted. I'm not sure what turns it on or off?
>
> Glenn - K4ZOT
>

10072. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-03 16:19:41 UTC
From: ah6rr1
Topic: 10069 Message: 10072

Glenn,
HRD can be set-up to either double click or single click to go to the cluster spot. I should work all the time. First what version of HRD are you running 4 or 5? I use ver 5, on the logbook page with the cluster open the cluster options and goto the selection tab here you can chose single or double click. It should work all the time. If not check your interface. This feature has worked with the Kenwood IF-232 and the G4ZLP interfaces for me for at least 7 years now.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> I have a TS-850S and am using HRD CAT. Yesterday for the first time I could click on the HRD logbook DX Cluster spot and the radio would tune to the frequency. It never work before yesterday. Today I could not get it to do it. Some how I must have changed some setting or ? Does anyone have a suggestion on what I can do to get back my automatic DX Cluster spot tuning. It was really neat while it lasted. I'm not sure what turns it on or off?
>
> Glenn - K4ZOT
>

10073. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-03 21:19:28 UTC
From: k4zot
Topic: 10069 Message: 10073

I have checked every function with HRD - all CAT controls work fine except the DX Cluster spot tuning. HRD is the newest version 5.0 build 2777. The DX Cluster stop is set at one click - doesn't work. Any other advise?

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Glenn,
> HRD can be set-up to either double click or single click to go to the cluster spot. I should work all the time. First what version of HRD are you running 4 or 5? I use ver 5, on the logbook page with the cluster open the cluster options and goto the selection tab here you can chose single or double click. It should work all the time. If not check your interface. This feature has worked with the Kenwood IF-232 and the G4ZLP interfaces for me for at least 7 years now.
> Roland AH6RR
>
>
> --- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@> wrote:
> >
> > I have a TS-850S and am using HRD CAT. Yesterday for the first time I could click on the HRD logbook DX Cluster spot and the radio would tune to the frequency. It never work before yesterday. Today I could not get it to do it. Some how I must have changed some setting or ? Does anyone have a suggestion on what I can do to get back my automatic DX Cluster spot tuning. It was really neat while it lasted. I'm not sure what turns it on or off?
> >
> > Glenn - K4ZOT
> >
>

10074. 850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-04 12:29:59 UTC
From: na7i_dick
Topic: 10074 Message: 10074

Hello -

Still getting to know my 2nd hand 850s...

When using paddles, I've discovered that the 850s puts dashes on the left paddle and dots on the right - opposite to that which my paddles and home-brew keyer use. When using paddles years ago, I had gotten used to having dashes on the right and dots on the left. I still greatly prefer this setup.

Short of rewiring my paddles, I can find no solution. I looked in the manual for a startup 'switch' to reverse this, but there appears to be no such option. The 'reverse cw' switch does not affect the problem - I think 'reverse cw' deals with some other effect (which sideband..?).

Comments would be welcome. Thank you.

Dick Chaffer NA7I

10075. PSK31 SignLink USB Interface Cable and Jumper Module

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-04 19:22:57 UTC
From: k4zot
Topic: 10075 Message: 10075

Can a user of the Tigertronics PSK31 SignaLink USB tell me the specific model number of the digital interface cable and jumper module they are using. I am using cable #SL-CAB13K connected to the TS-850 13 pin DIN Accessory port and the #SL-MOD13K jumper inside the USB unit.

Thanks,

Glenn - K4ZOT

10076. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-04 18:17:49 UTC
From: ah6rr1
Topic: 10069 Message: 10076

Are you using a RS232 to USB converter? If you are it could be the problem. Goto the HRD User page and post your question there there are many users that are much more knowledgeable than I.

http://forums.ham-radio.ch/forumdisplay.php?f=17

You should be able to get better answers there.

Roland AH6RR

10077. RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-04 18:10:02 UTC
From: ah6rr1
Topic: 10074 Message: 10077

Your Home Brew keyer is wired backwards along with your paddles.
All the paddles I have hooked up to my 850 are dots left and dashes right.

10078. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-04 23:26:54 UTC
From: k4zot
Topic: 10069 Message: 10078

Roland:

WOW - you may have just hit on the issue. Yes, I am using a RS232 to USB converter for the Kenwood IF-232C.

Thanks,

Glenn

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Are you using a RS232 to USB converter? If you are it could be the problem. Goto the HRD User page and post your question there there are many users that are much more knowledgeable than I.
>
> http://forums.ham-radio.ch/forumdisplay.php?f=17
>
> You should be able to get better answers there.
>
> Roland AH6RR
>

10079. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 02:11:56 UTC
From: Dave Barton
Topic: 10069 Message: 10079

Your radio must be in VFO mode. If your frequency is set through a memory channel, HRD won't be able to change the frequency.

Push the M>VFO button and then try to click a DX spot.

73, Dave
AI4GF

[Non-text portions of this message have been removed]

10080. Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 14:24:39 UTC
From: na7i_dick
Topic: 10074 Message: 10080

Unfortunately, this is not the case at all.

Both of my sets of paddles are commercial - one is a standard Bencher, the other by Vibroplex, obtained at Dayton 2009.

The keyer is not really 'homebrew' either - it was built long ago using CMOS from an article in QST or somewhere.

ALL of these work normally with my TS-830s. BOTH paddle sets work backwards, as I described, with the 850s.

That's why I suspected an internal 'switch' option, but cannot find one.

Dick NA7I

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Your Home Brew keyer is wired backwards along with your paddles.
> All the paddles I have hooked up to my 850 are dots left and dashes right.
>

10081. Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 16:01:38 UTC
From: birchardvilleobservatory
Topic: 10074 Message: 10081

Dick, the 1/4 inch stereo phone plug has 3 conductors -- tip, ring, and sleeve. The sleeve is the common (ground). The tip and ring are connected to whichever paddle you chose when you connected the other end of that cable to the Bencher paddle (my Bencher did not come pre-connected -- I went to the nearby and friendly Radio Shack store and bought a several foot long stereo cable -- cut and fit it to my paddle.

I'm certain you recognize that all this means is you can change the wiring on your paddle plug, on the paddle, or if you really want to, on the keyer jack in the back of the radio to make it how you want. There's no warranty issue involved (any more).

It would be nice, wouldn't it, if Kenwood had given you a menu option to reverse the dit and dah paddle lines. I suspect they thought anyone who wanted it reversed could just change the wires on their paddles.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "na7i_dick" <jrich@...> wrote:
>
> Unfortunately, this is not the case at all.
>
> Both of my sets of paddles are commercial - one is a standard Bencher, the other by Vibroplex, obtained at Dayton 2009.
>
> The keyer is not really 'homebrew' either - it was built long ago using CMOS from an article in QST or somewhere.
>
> ALL of these work normally with my TS-830s. BOTH paddle sets work backwards, as I described, with the 850s.
>
> That's why I suspected an internal 'switch' option, but cannot find one.
>
> Dick NA7I
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > Your Home Brew keyer is wired backwards along with your paddles.
> > All the paddles I have hooked up to my 850 are dots left and dashes right.
> >
>

10082. Re: [TS-850_450_690] Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 16:27:06 UTC
From: WW3S
Topic: 10074 Message: 10082

you are talking apples and oranges...you can set the 850 to work with the EXTERNAL keyer like you do on the 830....or use the internal keyer.....but if you do the paddles are the reverse of what the 850 expects....those paddles most likely work on your other keyer if it has an option to work "reverse"

On 1/5/2011 9:24:39 AM, na7i_dick (jrich@...) wrote:
> Unfortunately, this is not the case at all.
>
> Both of my sets of paddles are commercial - one is a standard Bencher, the
> other by Vibroplex, obtained at Dayton 2009.
>
> The keyer is not really 'homebrew' either - it was built long ago using
> CMOS from an article in QST or somewhere.
>
> ALL of these work normally with my TS-830s. BOTH paddle sets work
> backwards, as I described, with the 850s.
>
> That's why I suspected an internal 'switch' option, but cannot find one.
>
> Dick NA7I
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
> >
> > Your Home Brew keyer is wired backwards along with your paddles.
> > All the paddles I have hooked up to my 850 are dots left and dashes
> > right.
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
> <*

10083. Re: [TS-850_450_690] Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 16:50:50 UTC
From: Zack Widup
Topic: 10074 Message: 10083

If you built the keyer yourself, just wire it so it has the same
configuration that the TS-850 has.

I did this with a K1EL keyer chip. The connections to the plug are the
same as those on my 850. I can use either with the plug from the keyer
paddle without changing anything.

The K1EL keyer does provide that you can swap the paddle connections
internally, but I don't use it.

73, Zack W9SZ

On 1/5/11, WW3S <ww3s@...> wrote:
> you are talking apples and oranges...you can set the 850 to work with the
> EXTERNAL keyer like you do on the 830....or use the internal keyer.....but
> if you do the paddles are the reverse of what the 850 expects....those
> paddles most likely work on your other keyer if it has an option to work
> "reverse"
>
> On 1/5/2011 9:24:39 AM, na7i_dick (jrich@...) wrote:
>> Unfortunately, this is not the case at all.
>>
>> Both of my sets of paddles are commercial - one is a standard Bencher, the
>> other by Vibroplex, obtained at Dayton 2009.
>>
>> The keyer is not really 'homebrew' either - it was built long ago using
>> CMOS from an article in QST or somewhere.
>>
>> ALL of these work normally with my TS-830s. BOTH paddle sets work
>> backwards, as I described, with the 850s.
>>
>> That's why I suspected an internal 'switch' option, but cannot find one.
>>
>> Dick NA7I
>>
>> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>> >
>> > Your Home Brew keyer is wired backwards along with your paddles.
>> > All the paddles I have hooked up to my 850 are dots left and dashes
>> > right.
>> >
>>
>>
>>
>>
>> ------------------------------------

>>
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>>
>>
>> <*
>
>

10084. Re: 850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 16:56:24 UTC
From: Alan Whitman
Topic: 10074 Message: 10084

Dick,

I'm pretty new to CW and certainly no expert. But the more I read about keyer paddles, the more apparent it is that the 'right' way to wire them is the way you prefer. Left handers sometimes wire them 'backwards' and some people learned one way and some another.

A simple solution that I've seen espoused is to wire a short connection between a stereo jack and a stereo plug where you just reverse the connections for the plugs (i.e. tip wired to ring and vice versa). That way you can key the way you like and the radio never knows the difference.

Good luck and 73.

Alan K6ZY

10085. Re: Automatic Tuning to DX Cluster Spots via TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 18:34:58 UTC
From: k4zot
Topic: 10069 Message: 10085

Dave:

You are absolutely right - thanks. I push the Memory button and everything is good.

Thanks,

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, "Dave Barton" <dbarton@...> wrote:
>
> Your radio must be in VFO mode. If your frequency is set through a memory channel, HRD won't be able to change the frequency.
>
> Push the M>VFO button and then try to click a DX spot.
>
> 73, Dave
> AI4GF
>
>
> [Non-text portions of this message have been removed]
>

10086. RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 20:14:39 UTC
From: Dave @ Gmail
Topic: 10074 Message: 10086

why not go inside the radio and reverse them on the cw jack..

10087. TS-850 vs FT-990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-05 21:18:03 UTC
From: a1aop
Topic: 10087 Message: 10087

Hello to all, I'm new to the group. My main rig is a FT-990. I'm sort of a Kenwood guy though. I love my TS-430S,I can listen to it all day long which is one of the reasons I'm not jumping to get a DSP audio based rig. The 990, not quite as long. Just wondering if anyone out there has had a chance to compare both with their similar features, and why they might have stuck with one over the other. I have a chance at acquiring a 850.Oh yes,I,m not a contester, just casual DX and rag chewing on CW.

10088. Re: PSK31 SignLink USB Interface Cable and Jumper Module

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-06 01:23:31 UTC
From: kc5cqw
Topic: 10075 Message: 10088

Glenn,

I have the same setup but I made my own jumper block.
Actually, I use the Signalink with multiple radios not just my 450S.

I took an extra IC header (just like the one installed in the Signalink for the jumpers) and permanently soldered some jumpers to that.
The only difference was on the Mic jumper. I soldered in a nominal resistor that would allow me to set the TX pot on the signalink mid range. (For my 450, this was 330ohms).
This was done for each radio so I can just change the cable and jumper header block.

This has worked like a charm and really easy to do. It is also "set and forget".
Just in case, there is a Yahoo User Group for the Signalink as well.
I posted photos of my jumper block in the photos section there.
BTW, shortly after I posted them, Tigertronics started selling jumper blocks...

73, Damon

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
>
> Can a user of the Tigertronics PSK31 SignaLink USB tell me the specific model number of the digital interface cable and jumper module they are using. I am using cable #SL-CAB13K connected to the TS-850 13 pin DIN Accessory port and the #SL-MOD13K jumper inside the USB unit.
>
> Thanks,
>
> Glenn - K4ZOT
>

10089. Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-06 11:40:58 UTC
From: na7i_dick
Topic: 10074 Message: 10089

Thanks for all the comments. You pretty much answered my question - I was looking for some simple way to reverse the protocol, without rewiring the paddles. If I rewire them, then they're 'backwards' on the 830 - unless I also switch connections inside my little keyer.

Come to think of it, you-all might be right about having to wire the paddles after purchasing. The Bencher was purchased at least 20 yrs ago, and I can see that I did wire it myself. The Vibro was picked up at Dayton in 2009, and indeed, I wired that one too, after finding some scrap shielded 3-conductor cable.

I just thought there might be a 'switch' that would be an easy fix.

Thanks to all who replied.

Dick NA7I

--- In TS-850_450_690@yahoogroups.com, "na7i_dick" <jrich@...> wrote:

>
> Both of my sets of paddles are commercial - one is a standard Bencher, the other by Vibroplex, obtained at Dayton 2009.
>
> The keyer is not really 'homebrew' either - it was built long ago using CMOS from an article in QST or somewhere.
>
> ALL of these work normally with my TS-830s. BOTH paddle sets work backwards, as I described, with the 850s.
>
> That's why I suspected an internal 'switch' option, but cannot find one.
>
> Dick NA7I
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > Your Home Brew keyer is wired backwards along with your paddles.
> > All the paddles I have hooked up to my 850 are dots left and dashes right.
> >
>

10090. Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-06 12:00:55 UTC
From: biggles_no1
Topic: 10074 Message: 10090

Or you could get

a Stereo jack plug,
an inline stereo socket and
a length of 3 core cable.

A few mins with a soldering iron will give you a left-to-right converter.

Jason

--- In TS-850_450_690@yahoogroups.com, "na7i_dick" <jrich@...> wrote:
>
> Thanks for all the comments. You pretty much answered my question - I was looking for some simple way to reverse the protocol, without rewiring the paddles. If I rewire them, then they're 'backwards' on the 830 - unless I also switch connections inside my little keyer.
>
> Come to think of it, you-all might be right about having to wire the paddles after purchasing. The Bencher was purchased at least 20 yrs ago, and I can see that I did wire it myself. The Vibro was picked up at Dayton in 2009, and indeed, I wired that one too, after finding some scrap shielded 3-conductor cable.
>
> I just thought there might be a 'switch' that would be an easy fix.
>
> Thanks to all who replied.
>
> Dick NA7I
>
> --- In TS-850_450_690@yahoogroups.com, "na7i_dick" <jrich@> wrote:
>
> >
> > Both of my sets of paddles are commercial - one is a standard Bencher, the other by Vibroplex, obtained at Dayton 2009.
> >
> > The keyer is not really 'homebrew' either - it was built long ago using CMOS from an article in QST or somewhere.
> >
> > ALL of these work normally with my TS-830s. BOTH paddle sets work backwards, as I described, with the 850s.
> >
> > That's why I suspected an internal 'switch' option, but cannot find one.
> >
> > Dick NA7I
> >
> > --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> > >

> > > Your Home Brew keyer is wired backwards along with your paddles.
> > > All the paddles I have hooked up to my 850 are dots left and dashes right.
> > >
> >
>

10091. have A happy new year

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-06 13:07:22 UTC
From: Kim Wind
Topic: 10091 Message: 10091

[Non-text portions of this message have been removed]

10092. Re: sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-06 19:53:46 UTC
From: david broger
Topic: 9947 Message: 10092

Hi
I hooked an sdr (FA-SDR (http://www.box73.de/catalog/product_info.php?cPath=112_113&products_id=2147&osCsid=ev64tu3il173mkn60qmig9pr32) with PowerSDR) to if out, set the sdr rx frequency to 8.83HMz and ..... saw nothing on the screen. What's wrong? I think that should work... Any idea?

David

10093. 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-07 00:35:23 UTC
From: jp.astier
Topic: 10093 Message: 10093

My TS450S/AT has developed a problem recently. It will no longer transmit on any frequency higher than 21.500 (with or without the ATU on).

The problem began intermittently about 3 months ago but now does not tx at all (on any mode).

Anyone experience this sort of thing?

I just ordered a TS480 but would like to keep the 450 as a backup rig so long as the repair isn't too costly (I bought the rig about a year and a half ago for about $450...).

Any information/advice is most appreciated.

tnx/73
John, KA8PFA

10094. Re: [TS-850_450_690] 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-07 00:51:42 UTC
From: Dave @ Gmail
Topic: 10093 Message: 10094

Does it still receive above 21.500????

yes??? maybe just dirty relays??? poor connection somewhere in that same area??

no suggests pll going out of lock

-----Original Message-----
From: jp.astier
Sent: Thursday, January 06, 2011 7:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450S/AT no transmit problem

My TS450S/AT has developed a problem recently. It will no longer transmit on any frequency higher than 21.500 (with or without the ATU on).

The problem began intermittently about 3 months ago but now does not tx at all (on any mode).

Anyone experience this sort of thing?

I just ordered a TS480 but would like to keep the 450 as a backup rig so long as the repair isn't too costly (I bought the rig about a year and a half ago for about $450...).

Any information/advice is most appreciated.

tnx/73
John, KA8PFA

THANKS FOR USING TS-850_450_690@...! Groups Links

10095. Re: sdr as a panadapter (TS-850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-07 10:27:04 UTC
From: vojtech
Topic: 9947 Message: 10095

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Hi
> I hooked an sdr (FA-SDR (http://www.box73.de/catalog/product_info.php?cPath=112_113&products_id=2147&osCsid=ev64tu3il173mkn60qmig9pr32) with PowerSDR) to if out, set the sdr rx frequency to 8.83HMz and ..... saw nothing on the screen. What's wrong? I think that should work... Any idea?
>
> David
>

Hello David, I solved in some way the same problem on TS-870, even with a simple SDR-IQ receiver. I do not know, how the IF on 8.83MHz is done on TS-850, but I suppose it is similar. See my post on TS870 forum on Yahoo.
http://groups.yahoo.com/group/KENWOODTS870/message/495

The main problem is, if the IF zero 8.8305MHz is a good place for receiving due to the problems with the gain curve. It seems that a certain offset is better. In case that the IF output offers about 1MHz wide bandwidth there is a lots of place for experimenting.

Regards,
OK1VAW, Vojtech.

10096. Converter for the TS-450 IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-07 11:27:38 UTC
From: biggles_no1
Topic: 10096 Message: 10096

HI all

I found this website . . .

http://ea1ghe.blogspot.com/2008/05/receiving-drm-with-kenwood-ts-450sii.html

. . . which describes how to use the TS-450 IF out from the DSP 2 socket do recieve DRM. He built a convertor to change the 36.891khz to 12khz. (the Circuit diag is in the pdf from that page).

My question is, is it possible to make a similar convertor to convert the 36.891khz to 8.83Mhz? and if so would it be wide enough to be useful to connect to a panadapter or sdr etc?

Many thanks for reading

Jason
M0WBC

10097. Re: 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-07 17:22:15 UTC
From: jp.astier
Topic: 10093 Message: 10097

It does receive fine above 21.500.

not sure if relays are dirty or not. will try and check myself...

tnx

--- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@...> wrote:
>
> Does it still receive above 21.500????
>
> yes??? maybe just dirty relays??? poor connection somewhere in that same
> area??
>
> no suggests pll going out of lock
>
>
> -----Original Message-----
> From: jp.astier
> Sent: Thursday, January 06, 2011 7:35 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] 450S/AT no transmit problem
>
> My TS450S/AT has developed a problem recently. It will no longer transmit
> on any frequency higher than 21.500 (with or without the ATU on).
>
> The problem began intermittently about 3 months ago but now does not tx at
> all (on any mode).
>
> Anyone experience this sort of thing?
>
> I just ordered a TS480 but would like to keep the 450 as a backup rig so
> long as the repair isn't too costly (I bought the rig about a year and a
> half ago for about $450...).
>
> Any information/advice is most appreciated.
>
> tnx/73
> John, KA8PFA
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10098. Re: RE:850 internal keyer backwards...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-08 12:16:07 UTC
From: na7i_dick
Topic: 10074 Message: 10098

My gosh, how clean and simple. How can I not have thought of that.
Thanks.

Dick NA7I

--- In TS-850_450_690@yahoogroups.com, "biggles_no1" <biggles_no1@...> wrote:
>
> Or you could get
>
> a Stereo jack plug,
> an inline stereo socket and
> a length of 3 core cable.
>

10099. AW: [TS-850_450_690] 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-09 01:38:11 UTC
From: Manfred Frenger
Topic: 10093 Message: 10099

Hello Jean-Pierre,

I have a TS450SAT as well but because we are refurbishing my shack
right now it's stored away in the basement.

When you tune the HF bands manually (outside the ham bands)
there are certain frequencies where you can recognize a clicking
sound from the inside, but not too loud. I guess that the internal controller switches to a different bandpass filter when your vfo
gets across that distinct frequency.

I am sorry that I cant verify this fact rigth now.

How well does your rig receive above 21.500?

vy 72/73
Manfred W. Frenger
Robert-Schumann-Str. 16
67454 Hassloch, GERMANY

DF2PD / AB0WX
gqrp #9129

--- jp.astier <jpastier@...> schrieb am Fr, 7.1.2011:

> Von: jp.astier <jpastier@...>
> Betreff: [TS-850_450_690] 450S/AT no transmit problem
> An: TS-850_450_690@yahoogroups.com
> Datum: Freitag, 7. Januar, 2011 01:35 Uhr
> My TS450S/AT has developed a problem
> recently. It will no longer transmit on any frequency
> higher than 21.500 (with or without the ATU on).
>
> The problem began intermittently about 3 months ago but now
> does not tx at all (on any mode).
>
> Anyone experience this sort of thing?
>
> I just ordered a TS480 but would like to keep the 450 as a
> backup rig so long as the repair isn't too costly (I bought
> the rig about a year and a half ago for about $450...).
>
> Any information/advice is most appreciated.
>
> tnx/73
> John, KA8PFA
>

>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...!
> Groups Links
>
>
>   TS-850_450_690-fullfeatured@yahoogroups.com
>
>
>

10100. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-09 17:08:32 UTC
From: david broger
Topic: 9957 Message: 10100

Hi and a happy new year!
I checked IC1 (according message 9726) and this seams to be ok. I checked every diode and they are ok.
I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49 seams to be ok.
I compared the rx sensitivity with my old TS-830. I used the XG2 from Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very low herable. This means there is definitvly somthing wrong. The good side: the TS-850 receiver is very noiseless.....(but I like to have a little bit more noise...)

73 David

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> I'll check it tomorrow but I'm not sure. The api and both att stage are switchable...
>
> David
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Sorry, I could have been more clear.
> >
> > The rx BPF diodes on the RF unit short and cause problems. Q49 is an attenuator on the RF unit that is turned on in tx to protect the front end. When it shorts it causes about 20db of attenuation.
> >
> > Check msg 9726.
> >
> > Clif
> >
>

10101. Re: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 00:04:12 UTC
From: Dave @ Gmail
Topic: 9957 Message: 10101

check the 4 resistors r1 to r4, on rf board, have to do with the attenuator circuit, 2 of them may be open r1 and r3...

-----Original Message-----
From: david broger
Sent: Sunday, January 09, 2011 12:08 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Hi and a happy new year!
I checked IC1 (according message 9726) and this seams to be ok. I checked every diode and they are ok.
I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49 seams to be ok.
I compared the rx sensitivity with my old TS-830. I used the XG2 from Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very low herable. This means there is definitvly somthing wrong. The good side: the TS-850 receiver is very noiseless.......(but I like to have a little bit more noise...)

73 David

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> I'll check it tomorrow but I'm not sure. The api and both att stage are
> switchable...
>
> David
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Sorry, I could have been more clear.
> >
> > The rx BPF diodes on the RF unit short and cause problems. Q49 is an
> > attenuator on the RF unit that is turned on in tx to protect the front
> > end. When it shorts it causes about 20db of attenuation.
> >
> > Check msg 9726.
> >
> > Clif
> >
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10102. Acc 2 pin numbering

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 04:51:02 UTC
From: n2tbp
Topic: 10102 Message: 10102

I'm confused as to the pin numbering of the 13 pin ACC2 jack.
Page 18 of the manual lists the pin numbers and their functions, but is this looking into the jack on the rear of the radio, or is this looking into the plug from the radio??? It says "View from the rear panel", but that still has me wondering. I suspect that the diagram as shown is from the solder side of a plug that was being wired. Anyone can clear this up for me? Thanks in advance.

73 de N2TBP Mike

10103. Re: Acc 2 pin numbering

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 15:17:14 UTC
From: avvidclif
Topic: 10102 Message: 10103

The view from the rear of the radio and the solder side of a plug is the same.

Clif

--- In TS-850_450_690@yahoogroups.com, "n2tbp" <n2tbp@...> wrote:
>
> I'm confused as to the pin numbering of the 13 pin ACC2 jack.
> Page 18 of the manual lists the pin numbers and their functions, but is this looking into the jack on the rear of the radio, or is this looking into the plug from the radio??? It says "View from the rear panel", but that still has me wondering. I suspect that the diagram as shown is from the solder side of a plug that was being wired. Anyone can clear this up for me? Thanks in advance.
>
> 73 de N2TBP Mike
>

10104. TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 16:34:14 UTC
From: villy.madsen
Topic: 10104 Message: 10104

Took part in the ARRL RTTY roundup this weekend. Didn't give it all of the time that I could, but got close.

I've played in a few rtty contests before, but this is the first one that I got the least bit serious about.

If anyone is interested, the score is shown below. I should have got up earlier Sunday Morning, 80 was really hot! DX was not (for me at least). KL & KH, a couple of places in the Carib & Spain was about it...

Band QSOs Pts Sec Cty
3.5 53 53 4 0
7 86 86 7 0
14 148 148 14 3
21 117 117 27 9
Total 404 404 52 12
Score: 25,856

On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz filters (a xmas present from the better half). Using the slope tuning with RTTY, turning off the AGC and riding the RF gain as necessary makes you almost immune to "adjacent channel interference". Of course if someone is using AFSK & splattering, then .....

Questions...

The book states that the maximum output for RTTY is 100 watts. Looking at the specs for AM, I kept my output at abt 50 watts. I doubt if the extra 3 db would make much difference, but I am curious as why they would rate the max outputs differently for RTTY and AM. Is it a case of the max pwr that the 850 will put out, or the max you should ask of it so that it doesn't overheat ????

Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it. Any way, time to bite the bullet and replace TC2 (the spray clean, blow out with canned air & twirl the trimmer a dozen times kept it good since before Christmas). The operating room is prepared for the transplant. I have two donor organs - piston caps that I bought from surplus sales, and a camera ready to take pictures on the way in.

Wish me luck

Villy VE6SQ

10105. Re: TS-850 vs FT-990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 18:25:31 UTC
From: kd5vhf
Topic: 10087 Message: 10105

I have owned both rigs for a few years now, you can see them in the pic on QRZ under my call sign.
I think both are nice rigs.I like the FT990 and I LOVE the TS850.
Doing a "A-B" comparison on weak signals, both rigs seem to be the same as far as my hearing goes. Sometimes the 990 seems a bit clearer and sometimes the 850 seems better.
That said, The 850 is SO MUCH BETTER at cutting out near by stations(QRM)with the slope tune compared to Yaesus poor atempt with their high/low digital filter.
If the seller is local, see if the seller will let you put the two rigs side by side and see what you like better.
I just sent my TS850 to AVVID for repair and when it comes back I will be selling the FT990.
Once my 990 is sold I will be looking for another TS850 or TS940.
73 , Mike

--- In TS-850_450_690@yahoogroups.com, "a1aop" <a1aop@...> wrote:
>
> Hello to all, I'm new to the group. My main rig is a FT-990. I'm sort of a Kenwood guy though. I love my TS-430S,I can listen to it all day long which is one of the reasons I'm not jumping to get a DSP audio based rig. The 990, not quite as long. Just wondering if anyone out there has had a chance to compare both with their similar features, and why they might have stuck with one over the other. I have a chance at acquiring a 850.Oh yes,I,m not a contester, just casual DX and rag chewing on CW.
>

10106. Re: [TS-850_450_690] Re: Acc 2 pin numbering

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 20:18:34 UTC
From: Dave @ Gmail
Topic: 10102 Message: 10106

my 13 pin connector, it has the numbers on the connector, on the inside. if you are using a new connector, see if they have the numbers as well, then it does not matter which way you look at it.

-----Original Message-----
From: avvidclif
Sent: Monday, January 10, 2011 10:17 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Acc 2 pin numbering

The view from the rear of the radio and the solder side of a plug is the same.

Clif

--- In TS-850_450_690@yahoogroups.com, "n2tbp" <n2tbp@...> wrote:
>
> I'm confused as to the pin numbering of the 13 pin ACC2 jack.
> Page 18 of the manual lists the pin numbers and their functions, but is
> this looking into the jack on the rear of the radio, or is this looking
> into the plug from the radio??? It says "View from the rear panel", but
> that still has me wondering. I suspect that the diagram as shown is from
> the solder side of a plug that was being wired. Anyone can clear this up
> for me? Thanks in advance.
>
> 73 de N2TBP Mike
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10107. Re: [TS-850_450_690] Re: TS-850 vs FT-990

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 20:29:41 UTC
From: Crownhaven
Topic: 10087 Message: 10107

Don't forget the 450. That is a damn nice radio too with the filters in it. I have 850/870/450. I like all of them. I am able to work about anything I want with any of them.

Steve, N4JQQ

On 1/10/2011 12:25 PM, kd5vhf wrote:
>
> I have owned both rigs for a few years now, you can see them in the
> pic on QRZ under my call sign.
> I think both are nice rigs.I like the FT990 and I LOVE the TS850.
> Doing a "A-B" comparison on weak signals, both rigs seem to be the
> same as far as my hearing goes. Sometimes the 990 seems a bit clearer
> and sometimes the 850 seems better.
> That said, The 850 is SO MUCH BETTER at cutting out near by
> stations(QRM)with the slope tune compared to Yaesus poor atempt with
> their high/low digital filter.
> If the seller is local, see if the seller will let you put the two
> rigs side by side and see what you like better.
> I just sent my TS850 to AVVID for repair and when it comes back I will
> be selling the FT990.
> Once my 990 is sold I will be looking for another TS850 or TS940.
> 73 , Mike
>
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "a1aop" <a1aop@...> wrote:
> >
> > Hello to all, I'm new to the group. My main rig is a FT-990. I'm
> sort of a Kenwood guy though. I love my TS-430S,I can listen to it all
> day long which is one of the reasons I'm not jumping to get a DSP
> audio based rig. The 990, not quite as long. Just wondering if anyone
> out there has had a chance to compare both with their similar
> features, and why they might have stuck with one over the other. I
> have a chance at acquiring a 850.Oh yes,I,m not a contester, just
> casual DX and rag chewing on CW.
> >
>
>

[Non-text portions of this message have been removed]

10108. Re: [TS-850_450_690] TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 20:41:46 UTC
From: iz1mkz enrico
Topic: 10104 Message: 10108

> Wish me luck

Good luck !
Enrico iz1mkz

10109. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 21:03:05 UTC
From: david broger
Topic: 9957 Message: 10109

Hi Dave
I made the check. According the manual:
R1=51Ohm
R2=100Ohm
R3=150Ohm
R4=82Ohm

I measured over R1: The resistance was 50.6Ohm
I measured over R3: The resistance was 82.3Ohm (calculated: 82.2Ohm)
I measured over R2: the resistance was 69.9Ohm (calculated: 69.9Ohm)
I measured over R4: the resistance was 61.8Ohm (calculated 61.7Ohm)

In the next step I activated K1: the resistance over R1 was 0.3 Ohm. Then I activated K2 and the resistance over R3 was 0.3 Ohm too.
Ok, I think there is no fault.

73 David

--- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@...> wrote:
>
> check the 4 resistors r1 to r4, on rf board, have to do with the attenuator
> circuit, 2 of them may be open r1 and r3...
>
>
>
>
> -----Original Message-----
> From: david broger
> Sent: Sunday, January 09, 2011 12:08 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
>
> Hi and a happy new year!
> I checked IC1 (according message 9726) and this seams to be ok. I checked
> every diode and they are ok.
> I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49
> seams to be ok.
> I compared the rx sensitivity with my old TS-830. I used the XG2 from
> Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear
> herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very low
> herable. This means there is definitvly somthing wrong. The good side: the
> TS-850 receiver is very noiseless.......(but I like to have a little bit
> more noise...)
>
> 73 David
>

>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> >
> > I'll check it tomorrow but I'm not sure. The api and both att stage are
> > switchable...
> >
> > David
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Sorry, I could have been more clear.
> > >
> > > The rx BPF diodes on the RF unit short and cause problems. Q49 is an
> > > attenuator on the RF unit that is turned on in tx to protect the front
> > > end. When it shorts it causes about 20db of attenuation.
> > >
> > > Check msg 9726.
> > >
> > > Clif
> > >
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10110. Re: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 21:24:13 UTC
From: Dave @ Gmail
Topic: 9957 Message: 10110

you dont have the agc OFF, do ya

-----Original Message-----
From: david broger
Sent: Monday, January 10, 2011 4:03 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Hi Dave
I made the check. According the manual:
R1=51Ohm
R2=100Ohm
R3=150Ohm
R4=82Ohm

I measured over R1: The resistance was 50.6Ohm
I measured over R3: The resistance was 82.3Ohm (calculated: 82.2Ohm)
I measured over R2: the resistance was 69.9Ohm (calculated: 69.9Ohm)
I measured over R4: the resistance was 61.8Ohm (calculated 61.7Ohm)

In the next step I activated K1: the resistance over R1 was 0.3 Ohm. Then I
activated K2 and the resistance over R3 was 0.3 Ohm too.
Ok, I think there is no fault.

73 David

--- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@...> wrote:
>
> check the 4 resistors r1 to r4, on rf board, have to do with the
> attenuator
> circuit, 2 of them may be open r1 and r3...
>
>
>
>
> -----Original Message-----
> From: david broger
> Sent: Sunday, January 09, 2011 12:08 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
>
> Hi and a happy new year!
> I checked IC1 (according message 9726) and this seams to be ok. I checked
> every diode and they are ok.
> I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49
> seams to be ok.

> I compared the rx sensitivity with my old TS-830. I used the XG2 from
> Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear
> herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very
> low
> herable. This means there is definitvly somthing wrong. The good side: the
> TS-850 receiver is very noiseless.......(but I like to have a little bit
> more noise...)
>
> 73 David
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> >
> > I'll check it tomorrow but I'm not sure. The api and both att stage are
> > switchable...
> >
> > David
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Sorry, I could have been more clear.
> > >
> > > The rx BPF diodes on the RF unit short and cause problems. Q49 is an
> > > attenuator on the RF unit that is turned on in tx to protect the front
> > > end. When it shorts it causes about 20db of attenuation.
> > >
> > > Check msg 9726.
> > >
> > > Clif
> > >
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10112. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 21:41:21 UTC
From: david broger
Topic: 9957 Message: 10112

AGC was on position fast. I made a short test: I measured over R1+R3 and got 132.7Ohm (calculated 133.2Ohm). This is independat of the AGC position.
I took CN1, 9, 10, 14 and 15 away. So it was possible to turn the pcb to do the measurments on the bottom side.

--- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@...> wrote:
>
> you dont have the agc OFF, do ya
>
>
> -----Original Message-----
> From: david broger
> Sent: Monday, January 10, 2011 4:03 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
>
> Hi Dave
> I made the check. According the manual:
> R1=51Ohm
> R2=100Ohm
> R3=150Ohm
> R4=82Ohm
>
> I measured over R1: The resistance was 50.6Ohm
> I measured over R3: The resistance was 82.3Ohm (calculated: 82.2Ohm)
> I measured over R2: the resistance was 69.9Ohm (calculated: 69.9Ohm)
> I measured over R4: the resistance was 61.8Ohm (calculated 61.7Ohm)
>
> In the next step I activated K1: the resistance over R1 was 0.3 Ohm. Then I
> activated K2 and the resistance over R3 was 0.3 Ohm too.
> Ok, I think there is no fault.
>
> 73 David
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@> wrote:
> >
> > check the 4 resistors r1 to r4, on rf board, have to do with the
> > attenuator
> > circuit, 2 of them may be open r1 and r3...
> >
> >
> >

> >
> > -----Original Message-----
> > From: david broger
> > Sent: Sunday, January 09, 2011 12:08 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
> >
> > Hi and a happy new year!
> > I checked IC1 (according message 9726) and this seams to be ok. I checked
> > every diode and they are ok.
> > I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49
> > seams to be ok.
> > I compared the rx sensitivity with my old TS-830. I used the XG2 from
> > Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear
> > herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very
> > low
> > herable. This means there is definitvly somthing wrong. The good side: the
> > TS-850 receiver is very noiseless.......(but I like to have a little bit
> > more noise...)
> >
> > 73 David
> >
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> > >
> > > I'll check it tomorrow but I'm not sure. The api and both att stage are
> > > switchable...
> > >
> > > David
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Sorry, I could have been more clear.
> > > >
> > > > The rx BPF diodes on the RF unit short and cause problems. Q49 is an
> > > > attenuator on the RF unit that is turned on in tx to protect the front
> > > > end. When it shorts it causes about 20db of attenuation.
> > > >
> > > > Check msg 9726.
> > > >
> > > > Clif
> > > >
> > >
> > >
> > >
> > >
> > >

> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10113. RE: [TS-850_450_690] Re: Acc 2 pin numbering

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 21:40:19 UTC
From: Mike
Topic: 10102 Message: 10113

No, there are no numbers on the new connector, either inside or out.
I'm going with the assumption that the diagram in the manual is looking at
the back of the radio, which like Clif said, is the same as looking at the
solder side of the plug.

MIke

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dave @ Gmail
Sent: Monday, January 10, 2011 15:19 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Acc 2 pin numbering

my 13 pin connector, it has the numbers on the connector, on the inside. if
you are using a new connector, see if they have the numbers as well, then it

does not matter which way you look at it.

-----Original Message-----
From: avvidclif
Sent: Monday, January 10, 2011 10:17 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Re: Acc 2 pin numbering

The view from the rear of the radio and the solder side of a plug is the
same.

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "n2tbp" <n2tbp@...> wrote:
>
> I'm confused as to the pin numbering of the 13 pin ACC2 jack.
> Page 18 of the manual lists the pin numbers and their functions, but is
> this looking into the jack on the rear of the radio, or is this looking
> into the plug from the radio??? It says "View from the rear panel", but
> that still has me wondering. I suspect that the diagram as shown is from
> the solder side of a plug that was being wired. Anyone can clear this up
> for me? Thanks in advance.
>
> 73 de N2TBP Mike
>

THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links

[Non-text portions of this message have been removed]

10114. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 23:37:39 UTC
From: villy.madsen
Topic: 10104 Message: 10114

Well, the patient survived. The Doctor was a little worried at the end, but it all came together...

One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....

Villy

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.
>
> Wish me luck
>
> Villy VE6SQ
>

10115. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 23:38:19 UTC
From: villy.madsen
Topic: 10104 Message: 10115

Thanks Enrico!!

--- In TS-850_450_690@yahoogroups.com, iz1mkz enrico <iz1mkz@...> wrote:
>
> > Wish me luck
>
> Good luck !
> Enrico iz1mkz
>

10116. Re: [TS-850_450_690] Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-10 23:54:26 UTC
From: Jordan
Topic: 10104 Message: 10116

I actually pulled the assembly right out and replaced the bad cap with a ceramic variable...It was one of those things I just had to try, and it worked....!!! 73...Jordan VE6ZT

----- Original Message -----
From: villy.madsen
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 10, 2011 4:37 PM
Subject: [TS-850_450_690] Re: TS850 and RTTY

Well, the patient survived. The Doctor was a little worried at the end, but it all came together...

One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....

Villy

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.
>
> Wish me luck
>
> Villy VE6SQ
>

[Non-text portions of this message have been removed]

10117. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 01:26:15 UTC
From: villy.madsen
Topic: 10104 Message: 10117

Good thing that I had an old fashioned soldering iron - needed a fair bit of heat to get the VCO "case" unsoldered....

It's done now - hopefully that will be the last operation that it needs..

Villy

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> I actually pulled the assembly right out and replaced the bad cap with a ceramic variable...It was one of those things I just had to try, and it worked....!!! 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> From: villy.madsen
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 10, 2011 4:37 PM
> Subject: [TS-850_450_690] Re: TS850 and RTTY
>
>
>
> Well, the patient survived. The Doctor was a little worried at the end, but it all came together...
>
> One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
> Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....
>
> Villy
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.
> >
> > Wish me luck
> >
> > Villy VE6SQ
> >
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

10118. Re: [TS-850_450_690] Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 02:00:30 UTC
From: Jordan
Topic: 10104 Message: 10118

Way to go Villy....I used a big Weller 150W pistol for quick desoldering of the ground/shield tabs, and my old Weller 25w station for the ckt bd....I might even have some pics on my digital camera..73...Jordan...

----- Original Message -----
From: villy.madsen
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 10, 2011 6:26 PM
Subject: [TS-850_450_690] Re: TS850 and RTTY

Good thing that I had an old fashioned soldering iron - needed a fair bit of heat to get the VCO "case" unsoldered....

It's done now - hopefully that will be the last operation that it needs..

Villy

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> I actually pulled the assembly right out and replaced the bad cap with a ceramic variable...It was one of those things I just had to try, and it worked....!!! 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> From: villy.madsen
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 10, 2011 4:37 PM
> Subject: [TS-850_450_690] Re: TS850 and RTTY
>
>
>
> Well, the patient survived. The Doctor was a little worried at the end, but it all came together...
>
> One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
> Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....
>
> Villy
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.

> >
> > Wish me luck
> >
> > Villy VE6SQ
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10119. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 02:47:07 UTC
From: villy.madsen
Topic: 10104 Message: 10119

Lots of solder wick, flux & a solder sucker....

The tabs weren't that much of a problem - I think the the three pins were more of an issue...

Villy

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Way to go Villy....I used a big Weller 150W pistol for quick desoldering of the ground/shield tabs, and my old Weller 25w station for the ckt bd....I might even have some pics on my digital camera..73...Jordan...
>
>
> ----- Original Message -----
> From: villy.madsen
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 10, 2011 6:26 PM
> Subject: [TS-850_450_690] Re: TS850 and RTTY
>
>
>
> Good thing that I had an old fashioned soldering iron - needed a fair bit of heat to get the VCO "case" unsoldered....
>
> It's done now - hopefully that will be the last operation that it needs..
>
> Villy
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@> wrote:
> >
> > I actually pulled the assembly right out and replaced the bad cap with a ceramic variable...It was one of those things I just had to try, and it worked....!!! 73...Jordan VE6ZT
> >
> >
> > ----- Original Message -----
> > From: villy.madsen
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, January 10, 2011 4:37 PM
> > Subject: [TS-850_450_690] Re: TS850 and RTTY
> >
> >
> >
> > Well, the patient survived. The Doctor was a little worried at the end, but it all came together...

> >
> > One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
> > Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....
> >
> > Villy
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > >
> > > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.
> > >
> > > Wish me luck
> > >
> > > Villy VE6SQ
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10120. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 04:48:17 UTC
From: birchardvilleobservatory
Topic: 10104 Message: 10120

Villy,

I haven't seen an answer to your RTTY vs AM power question, so here's mine:

The PEP of CW and RTTY is the same -- 100% constant. The PEP of SSB varies with your voice syllables. AM's PEP is 4x average.

I've been told (here) that the finals and power supply to them is quite sufficient to run your CW and even RTTY at 100 watts, but I know the PEP output of the finals is not enough for AM. There used to be an article in the ARRL handbook about AM linear amplifiers and why they had so low carrier output -- it is the same here.

I can't help with the rasp. I trust the open heart surgery fixed the murmur.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Took part in the ARRL RTTY roundup this weekend. Didn't give it all of the time that I could, but got close.
>
> I've played in a few rtty contests before, but this is the first one that I got the least bit serious about.
>
> If anyone is interested, the score is shown below. I should have got up earlier Sunday Morning, 80 was really hot! DX was not (for me at least). KL & KH, a couple of places in the Carib & Spain was about it...
>
>
> Band QSOs Pts Sec Cty
> 3.5 53 53 4 0
> 7 86 86 7 0
> 14 148 148 14 3
> 21 117 117 27 9
> Total 404 404 52 12
> Score: 25,856
>
> On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz filters (a xmas present from the better half). Using the slope tuning with RTTY, turning off the AGC and riding the RF gain as necessary makes you almost immune to "adjacent channel interference". Of course if someone is using AFSK & splattering, then ....
>
> Questions...
>
> The book states that the maximum output for RTTY is 100 watts. Looking at the specs for AM, I kept my output at abt 50 watts. I doubt if the extra 3 db would make much difference,

but I am curious as why they would rate the max outputs differently for RTTY and AM. Is it a case of the max pwr that the 850 will put out, or the max you should ask of it so that it doesn't overheat ????
>
> Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it. Any way, time to bite the bullet and replace TC2 (the spray clean, blow out with canned air & twirl the trimmer a dozen times kept it good since before Christmas). The operating room is prepared for the transplant. I have two donor organs - piston caps that I bought from surplus sales, and a camera ready to take pictures on the way in.
>
> Wish me luck
>
> Villy VE6SQ
>

10121. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 12:34:46 UTC
From: villy.madsen
Topic: 10104 Message: 10121

My concern is with the ability of the TS-850 to manage continuous output at 100 watts. RTTY is the equivalent of CW key down for however long you are transmitting.

That was my concern. In the old AM days, there was no question, nothing was worse than AM.

So the question is : can the finals in the TS-850 handle full power key down for extended lengths of time ??

Yes, the surgery seemed to have fixed the raspy signal - strange that vco2 is the only one that seems to suffer from this problem - since there are 4 other vcos in the box using that same type of trimmer - and no=one seems to have much trouble with them.

74
Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> Villy,
>
> I haven't seen an answer to your RTTY vs AM power question, so here's mine:
>
> The PEP of CW and RTTY is the same -- 100% constant. The PEP of SSB varies with your voice syllables. AM's PEP is 4x average.
>
> I've been told (here) that the finals and power supply to them is quite sufficient to run your CW and even RTTY at 100 watts, but I know the PEP output of the finals is not enough for AM. There used to be an article in the ARRL handbook about AM linear amplifiers and why they had so low carrier output -- it is the same here.
>
> I can't help with the rasp. I trust the open heart surgery fixed the murmur.
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Took part in the ARRL RTTY roundup this weekend. Didn't give it all of the time that I could, but got close.
> >
> > I've played in a few rtty contests before, but this is the first one that I got the least bit serious about.
> >
> > If anyone is interested, the score is shown below. I should have got up earlier Sunday Morning, 80 was really hot! DX was not (for me at least). KL & KH, a couple of places in the Carib & Spain was about it...
> >

> >
> > Band QSOs Pts Sec Cty
> > 3.5 53 53 4 0
> > 7 86 86 7 0
> > 14 148 148 14 3
> > 21 117 117 27 9
> > Total 404 404 52 12
> > Score: 25,856
> >
> > On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz filters (a xmas present from the better half). Using the slope tuning with RTTY, turning off the AGC and riding the RF gain as necessary makes you almost immune to "adjacent channel interference". Of course if someone is using AFSK & splattering, then ....
> >
> > Questions...
> >
> > The book states that the maximum output for RTTY is 100 watts. Looking at the specs for AM, I kept my output at abt 50 watts. I doubt if the extra 3 db would make much difference, but I am curious as why they would rate the max outputs differently for RTTY and AM. Is it a case of the max pwr that the 850 will put out, or the max you should ask of it so that it doesn't overheat ????
> >
> > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it. Any way, time to bite the bullet and replace TC2 (the spray clean, blow out with canned air & twirl the trimmer a dozen times kept it good since before Christmas). The operating room is prepared for the transplant. I have two donor organs - piston caps that I bought from surplus sales, and a camera ready to take pictures on the way in.
> >
> > Wish me luck
> >
> > Villy VE6SQ
> >
>

10122. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 12:35:14 UTC
From: villy.madsen
Topic: 10104 Message: 10122

My concern is with the ability of the TS-850 to manage continuous output at 100 watts. RTTY is the equivalent of CW key down for however long you are transmitting.

That was my concern. In the old AM days, there was no question, nothing was worse than AM.

So the question is : can the finals in the TS-850 handle full power key down for extended lengths of time ??

Yes, the surgery seemed to have fixed the raspy signal - strange that vco2 is the only one that seems to suffer from this problem - since there are 4 other vcos in the box using that same type of trimmer - and no=one seems to have much trouble with them.

74
Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> Villy,
>
> I haven't seen an answer to your RTTY vs AM power question, so here's mine:
>
> The PEP of CW and RTTY is the same -- 100% constant. The PEP of SSB varies with your voice syllables. AM's PEP is 4x average.
>
> I've been told (here) that the finals and power supply to them is quite sufficient to run your CW and even RTTY at 100 watts, but I know the PEP output of the finals is not enough for AM. There used to be an article in the ARRL handbook about AM linear amplifiers and why they had so low carrier output -- it is the same here.
>
> I can't help with the rasp. I trust the open heart surgery fixed the murmur.
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Took part in the ARRL RTTY roundup this weekend. Didn't give it all of the time that I could, but got close.
> >
> > I've played in a few rtty contests before, but this is the first one that I got the least bit serious about.
> >
> > If anyone is interested, the score is shown below. I should have got up earlier Sunday Morning, 80 was really hot! DX was not (for me at least). KL & KH, a couple of places in the Carib & Spain was about it...
> >

> >
> > Band QSOs Pts Sec Cty
> > 3.5 53 53 4 0
> > 7 86 86 7 0
> > 14 148 148 14 3
> > 21 117 117 27 9
> > Total 404 404 52 12
> > Score: 25,856
> >
> > On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz filters (a xmas present from the better half). Using the slope tuning with RTTY, turning off the AGC and riding the RF gain as necessary makes you almost immune to "adjacent channel interference". Of course if someone is using AFSK & splattering, then ....
> >
> > Questions...
> >
> > The book states that the maximum output for RTTY is 100 watts. Looking at the specs for AM, I kept my output at abt 50 watts. I doubt if the extra 3 db would make much difference, but I am curious as why they would rate the max outputs differently for RTTY and AM. Is it a case of the max pwr that the 850 will put out, or the max you should ask of it so that it doesn't overheat ????
> >
> > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it. Any way, time to bite the bullet and replace TC2 (the spray clean, blow out with canned air & twirl the trimmer a dozen times kept it good since before Christmas). The operating room is prepared for the transplant. I have two donor organs - piston caps that I bought from surplus sales, and a camera ready to take pictures on the way in.
> >
> > Wish me luck
> >
> > Villy VE6SQ
> >
>

10123. Re: [TS-850_450_690] Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 13:05:06 UTC
From: Crownhaven
Topic: 10104 Message: 10123

Go to AA5AU's web page. He has used TS-850s in the past. He is a significant, if not the number one RTTY contester. Email Don and see what he has to say.

Steve, N4JQQ

On 1/11/2011 6:34 AM, villy.madsen wrote:
>
> My concern is with the ability of the TS-850 to manage continuous
> output at 100 watts. RTTY is the equivalent of CW key down for however
> long you are transmitting.
>
> That was my concern. In the old AM days, there was no question,
> nothing was worse than AM.
>
> So the question is : can the finals in the TS-850 handle full power
> key down for extended lengths of time ??
>
> Yes, the surgery seemed to have fixed the raspy signal - strange that
> vco2 is the only one that seems to suffer from this problem - since
> there are 4 other vcos in the box using that same type of trimmer -
> and no=one seems to have much trouble with them.
>
> 74
> Villy ve6sq
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "birchardvilleobservatory"
> <birchardvilleobservatory@...> wrote:
> >
> > Villy,
> >
> > I haven't seen an answer to your RTTY vs AM power question, so
> here's mine:
> >
> > The PEP of CW and RTTY is the same -- 100% constant. The PEP of SSB
> varies with your voice syllables. AM's PEP is 4x average.
> >
> > I've been told (here) that the finals and power supply to them is
> quite sufficient to run your CW and even RTTY at 100 watts, but I know
> the PEP output of the finals is not enough for AM. There used to be an
> article in the ARRL handbook about AM linear amplifiers and why they
> had so low carrier output -- it is the same here.
> >
> > I can't help with the rasp. I trust the open heart surgery fixed the

> murmur.
> >
> > Dan AA3LS
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "villy.madsen"
> <Villy.Madsen@> wrote:
> > >
> > > Took part in the ARRL RTTY roundup this weekend. Didn't give it
> all of the time that I could, but got close.
> > >
> > > I've played in a few rtty contests before, but this is the first
> one that I got the least bit serious about.
> > >
> > > If anyone is interested, the score is shown below. I should have
> got up earlier Sunday Morning, 80 was really hot! DX was not (for me
> at least). KL & KH, a couple of places in the Carib & Spain was about
> it...
> > >
> > >
> > > Band QSOs Pts Sec Cty
> > > 3.5 53 53 4 0
> > > 7 86 86 7 0
> > > 14 148 148 14 3
> > > 21 117 117 27 9
> > > Total 404 404 52 12
> > > Score: 25,856
> > >
> > > On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz
> filters (a xmas present from the better half). Using the slope tuning
> with RTTY, turning off the AGC and riding the RF gain as necessary
> makes you almost immune to "adjacent channel interference". Of course
> if someone is using AFSK & splattering, then ....
> > >
> > > Questions...
> > >
> > > The book states that the maximum output for RTTY is 100 watts.
> Looking at the specs for AM, I kept my output at abt 50 watts. I doubt
> if the extra 3 db would make much difference, but I am curious as why
> they would rate the max outputs differently for RTTY and AM. Is it a
> case of the max pwr that the 850 will put out, or the max you should
> ask of it so that it doesn't overheat ????
> > >
> > > Turning the rig on this morning, I noticed the rasp back in the cw
> signals again - I wonder if the extended operating time this weekend
> triggered it. Any way, time to bite the bullet and replace TC2 (the
> spray clean, blow out with canned air & twirl the trimmer a dozen
> times kept it good since before Christmas). The operating room is
> prepared for the transplant. I have two donor organs - piston caps
> that I bought from surplus sales, and a camera ready to take pictures

> on the way in.
> > >
> > > Wish me luck
> > >
> > > Villy VE6SQ
> > >
> >
>
>

[Non-text portions of this message have been removed]

10124. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 20:29:16 UTC
From: david broger
Topic: 9957 Message: 10124

When I give the signal of the XG2 (50uV) to CN1 (input of the rf board) then I get with the 2.7kHz filter S9. This make sense. So the problem shuold be between antenna connector an input rf board.

David

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> AGC was on position fast. I made a short test: I measured over R1+R3 and got 132.7Ohm (calculated 133.2Ohm). This is independat of the AGC position.
> I took CN1, 9, 10, 14 and 15 away. So it was possible to turn the pcb to do the measurments on the bottom side.
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@> wrote:
> >
> > you dont have the agc OFF, do ya
> >
> >
> > -----Original Message-----
> > From: david broger
> > Sent: Monday, January 10, 2011 4:03 PM
> > To: TS-850_450_690@...m
> > Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
> >
> > Hi Dave
> > I made the check. According the manual:
> > R1=51Ohm
> > R2=100Ohm
> > R3=150Ohm
> > R4=82Ohm
> >
> > I measured over R1: The resistance was 50.6Ohm
> > I measured over R3: The resistance was 82.3Ohm (calculated: 82.2Ohm)
> > I measured over R2: the resistance was 69.9Ohm (calculated: 69.9Ohm)
> > I measured over R4: the resistance was 61.8Ohm (calculated 61.7Ohm)
> >
> > In the next step I activated K1: the resistance over R1 was 0.3 Ohm. Then I
> > activated K2 and the resistance over R3 was 0.3 Ohm too.
> > Ok, I think there is no fault.
> >
> > 73 David

> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave @ Gmail" <ve3wej@> wrote:
> > >
> > > check the 4 resistors r1 to r4, on rf board, have to do with the
> > > attenuator
> > > circuit, 2 of them may be open r1 and r3...
> > >
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: david broger
> > > Sent: Sunday, January 09, 2011 12:08 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
> > >
> > > Hi and a happy new year!
> > > I checked IC1 (according message 9726) and this seams to be ok. I checked
> > > every diode and they are ok.
> > > I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49
> > > seams to be ok.
> > > I compared the rx sensitivity with my old TS-830. I used the XG2 from
> > > Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear
> > > herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very
> > > low
> > > herable. This means there is definitvly somthing wrong. The good side: the
> > > TS-850 receiver is very noiseless.......(but I like to have a little bit
> > > more noise...)
> > >
> > > 73 David
> > >
> > >
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@> wrote:
> > > >
> > > > I'll check it tomorrow but I'm not sure. The api and both att stage are
> > > > switchable...
> > > >
> > > > David
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Sorry, I could have been more clear.
> > > > >
> > > > > The rx BPF diodes on the RF unit short and cause problems. Q49 is an

> > > > > attenuator on the RF unit that is turned on in tx to protect the front
> > > > > end. When it shorts it causes about 20db of attenuation.
> > > > >
> > > > > Check msg 9726.
> > > > >
> > > > > Clif
> > > > >
> > > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

10125. Fwd: Re: [TS-850_450_690] Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 21:36:10 UTC
From: Crownhaven
Topic: 10125 Message: 10125

-------- Original Message --------
Subject: Re: [TS-850_450_690] Re: TS850 and RTTY
Date: Tue, 11 Jan 2011 06:28:03 -0800 (PST)
From: Don AA5AU <aa5au@...>
To: Crownhaven <crownhaven@...>, TS-850_450_690@yahoogroups.com

Hi Steve!
Villy, I never owned a TS-850 but have owned three TS-870s. I have
operated the TS-850 in RTTY contests at full power and you can key it
for long periods of time.
Joe, K0BX, has used TS-850s on RTTY for years. Google his call. I
think he has a website.
73, Don AA5AU

From: Crownhaven <crownhaven@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, January 11, 2011 7:05:06 AM
Subject: Re: [TS-850_450_690] Re: TS850 and RTTY

Go to AA5AU's web page. He has used TS-850s in the past. He is a
significant, if not the number one RTTY contester. Email Don and see
what he has to say.

Steve, N4JQQ

On 1/11/2011 6:34 AM, villy.madsen wrote:
>
> My concern is with the ability of the TS-850 to manage continuous
> output at 100 watts. RTTY is the equivalent of CW key down for however
> long you are transmitting.
>
> That was my concern. In the old AM days, there was no question,
> nothing was worse than AM.
>
> So the question is : can the finals in the TS-850 handle full power
> key down for extended lengths of time ??
>
> Yes, the surgery seemed to have fixed the raspy signal - strange that
> vco2 is the only one that seems to suffer from this problem - since
> there are 4 other vcos in the box using that same type of trimmer -
> and no=one seems to have much trouble with them.
>
> 74
> Villy ve6sq
>

> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "birchardvilleobservatory"
> <birchardvilleobservatory@...> wrote:
> >
> > Villy,
> >
> > I haven't seen an answer to your RTTY vs AM power question, so
> here's mine:
> >
> > The PEP of CW and RTTY is the same -- 100% constant. The PEP of SSB
> varies with your voice syllables. AM's PEP is 4x average.
> >
> > I've been told (here) that the finals and power supply to them is
> quite sufficient to run your CW and even RTTY at 100 watts, but I know
> the PEP output of the finals is not enough for AM. There used to be an
> article in the ARRL handbook about AM linear amplifiers and why they
> had so low carrier output -- it is the same here.
> >
> > I can't help with the rasp. I trust the open heart surgery fixed the
> murmur.
> >
> > Dan AA3LS
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "villy.madsen"
> <Villy.Madsen@> wrote:
> > >
> > > Took part in the ARRL RTTY roundup this weekend. Didn't give it
> all of the time that I could, but got close.
> > >
> > > I've played in a few rtty contests before, but this is the first
> one that I got the least bit serious about.
> > >
> > > If anyone is interested, the score is shown below. I should have
> got up earlier Sunday Morning, 80 was really hot! DX was not (for me
> at least). KL & KH, a couple of places in the Carib & Spain was about
> it...
> > >
> > >
> > > Band QSOs Pts Sec Cty
> > > 3.5 53 53 4 0
> > > 7 86 86 7 0
> > > 14 148 148 14 3
> > > 21 117 117 27 9
> > > Total 404 404 52 12
> > > Score: 25,856
> > >
> > > On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz
> filters (a xmas present from the better half). Using the slope tuning
> with RTTY, turning off the AGC and riding the RF gain as necessary

> makes you almost immune to "adjacent channel interference". Of course
> if someone is using AFSK & splattering, then ....
> > >
> > > Questions...
> > >
> > > The book states that the maximum output for RTTY is 100 watts.
> Looking at the specs for AM, I kept my output at abt 50 watts. I doubt
> if the extra 3 db would make much difference, but I am curious as why
> they would rate the max outputs differently for RTTY and AM. Is it a
> case of the max pwr that the 850 will put out, or the max you should
> ask of it so that it doesn't overheat ????
> > >
> > > Turning the rig on this morning, I noticed the rasp back in the cw
> signals again - I wonder if the extended operating time this weekend
> triggered it. Any way, time to bite the bullet and replace TC2 (the
> spray clean, blow out with canned air & twirl the trimmer a dozen
> times kept it good since before Christmas). The operating room is
> prepared for the transplant. I have two donor organs - piston caps
> that I bought from surplus sales, and a camera ready to take pictures
> on the way in.
> > >
> > > Wish me luck
> > >
> > > Villy VE6SQ
> > >
> >
>
>

[Non-text portions of this message have been removed]

10126. Re: Re: [TS-850_450_690] Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-11 22:35:32 UTC
From: Mel Cruts
Topic: 10125 Message: 10126

Hi all,
Keep in mind that in the AM mode there is 50 watts allowed in the carrier...their will be an equal amount in the sidebands with 100 percent modulation. This is almost the same as the RTTY at 100 watts. Just have to be certain the rig stays cool in the RTTY or AM modes.
73,
Mel - KF6OZ

On Tue, Jan 11, 2011 at 3:36 PM, Crownhaven <crownhaven@...>wrote:

>
>
>
>
> -------- Original Message --------
> Subject: Re: [TS-850_450_690] Re: TS850 and RTTY
> Date: Tue, 11 Jan 2011 06:28:03 -0800 (PST)
> From: Don AA5AU <aa5au@... <aa5au%40bellsouth.net>>
> To: Crownhaven <crownhaven@... <crownhaven%40bellsouth.net>>,
> TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
>
> Hi Steve!
> Villy, I never owned a TS-850 but have owned three TS-870s. I have
> operated the TS-850 in RTTY contests at full power and you can key it
> for long periods of time.
> Joe, K0BX, has used TS-850s on RTTY for years. Google his call. I
> think he has a website.
> 73, Don AA5AU
>
> --
> *From:* Crownhaven <crownhaven@...t <crownhaven%40bellsouth.net>>
> *To:* TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> *Sent:* Tue, January 11, 2011 7:05:06 AM
> *Subject:* Re: [TS-850_450_690] Re: TS850 and RTTY
>
> Go to AA5AU's web page. He has used TS-850s in the past. He is a
> significant, if not the number one RTTY contester. Email Don and see
> what he has to say.
>
> Steve, N4JQQ
>
> On 1/11/2011 6:34 AM, villy.madsen wrote:
> >
> > My concern is with the ability of the TS-850 to manage continuous
> > output at 100 watts. RTTY is the equivalent of CW key down for however

> > long you are transmitting.
> >
> > That was my concern. In the old AM days, there was no question,
> > nothing was worse than AM.
> >
> > So the question is : can the finals in the TS-850 handle full power
> > key down for extended lengths of time ??
> >
> > Yes, the surgery seemed to have fixed the raspy signal - strange that
> > vco2 is the only one that seems to suffer from this problem - since
> > there are 4 other vcos in the box using that same type of trimmer -
> > and no=one seems to have much trouble with them.
> >
> > 74
> > Villy ve6sq
> >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>>,
> "birchardvilleobservatory"
> > <birchardvilleobservatory@...> wrote:
> > >
> > > Villy,
> > >
> > > I haven't seen an answer to your RTTY vs AM power question, so
> > here's mine:
> > >
> > > The PEP of CW and RTTY is the same -- 100% constant. The PEP of SSB
> > varies with your voice syllables. AM's PEP is 4x average.
> > >
> > > I've been told (here) that the finals and power supply to them is
> > quite sufficient to run your CW and even RTTY at 100 watts, but I know
> > the PEP output of the finals is not enough for AM. There used to be an
> > article in the ARRL handbook about AM linear amplifiers and why they
> > had so low carrier output -- it is the same here.
> > >
> > > I can't help with the rasp. I trust the open heart surgery fixed the
> > murmur.
> > >
> > > Dan AA3LS
> > >
> > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com<TS-850_450_690%2540yahoogroups.com>>,
> "villy.madsen"
> > <Villy.Madsen@> wrote:
> > > > >
> > > > Took part in the ARRL RTTY roundup this weekend. Didn't give it
> > all of the time that I could, but got close.
> > > > >
> > > > I've played in a few rtty contests before, but this is the first
> > one that I got the least bit serious about.

> > > >
> > > > If anyone is interested, the score is shown below. I should have
> > got up earlier Sunday Morning, 80 was really hot! DX was not (for me
> > at least). KL & KH, a couple of places in the Carib & Spain was about
> > it...
> > > > >
> > > > >
> > > > > Band QSOs Pts Sec Cty
> > > > > 3.5 53 53 4 0
> > > > > 7 86 86 7 0
> > > > > 14 148 148 14 3
> > > > > 21 117 117 27 9
> > > > > Total 404 404 52 12
> > > > > Score: 25,856
> > > > >
> > > > > On to TS-850 matters. I installed a couple of the INRAD 2.1 mhz
> > filters (a xmas present from the better half). Using the slope tuning
> > with RTTY, turning off the AGC and riding the RF gain as necessary
> > makes you almost immune to "adjacent channel interference". Of course
> > if someone is using AFSK & splattering, then ....
> > > > >
> > > > > Questions...
> > > > >
> > > > > The book states that the maximum output for RTTY is 100 watts.
> > Looking at the specs for AM, I kept my output at abt 50 watts. I doubt
> > if the extra 3 db would make much difference, but I am curious as why
> > they would rate the max outputs differently for RTTY and AM. Is it a
> > case of the max pwr that the 850 will put out, or the max you should
> > ask of it so that it doesn't overheat ????
> > > > >
> > > > > Turning the rig on this morning, I noticed the rasp back in the cw
> > signals again - I wonder if the extended operating time this weekend
> > triggered it. Any way, time to bite the bullet and replace TC2 (the
> > spray clean, blow out with canned air & twirl the trimmer a dozen
> > times kept it good since before Christmas). The operating room is
> > prepared for the transplant. I have two donor organs - piston caps
> > that I bought from surplus sales, and a camera ready to take pictures
> > on the way in.
> > > > >
> > > > > Wish me luck
> > > > >
> > > > > Villy VE6SQ
> > > > >
> > > >
> > >
> > >
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

10127. Re: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-12 18:02:05 UTC
From: Bob Naylor
Topic: 9957 Message: 10127

Correct me if I'm wrong but I had heard that 50uV is supposed to be S-9 on a TS-850???
Bob WE6C

--- On Sun, 1/9/11, david broger <dabrog@sunrise.ch> wrote:

From: david broger <dabrog@...>
Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
To: TS-850_450_690@yahoogroups.com
Date: Sunday, January 9, 2011, 9:08 AM

Hi and a happy new year!

I checked IC1 (according message 9726) and this seams to be ok. I checked every diode and they are ok.

I checked q49 too. The collector voltage is about 11.8V and txb is 0V. Q49 seams to be ok.

I compared the rx sensitivity with my old TS-830. I used the XG2 from Elecraft. TS-830: 50uV gives S9 and 1uV no S-meter deflection but is clear herable. Compared with the TS-850: 50uV gives about S5-6 and 1uV is very low herable. This means there is definitvly somthing wrong. The good side: the TS-850 receiver is very noiseless.....(but I like to have a little bit more noise...)

73 David

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:

>

> I'll check it tomorrow but I'm not sure. The api and both att stage are switchable...

>

> David

>

> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> >

> > Sorry, I could have been more clear.

> >

> > The rx BPF diodes on the RF unit short and cause problems. Q49 is an attenuator on the RF unit that is turned on in tx to protect the front end. When it shorts it causes about 20db of attenuation.

> >

> > Check msg 9726.

> >

> > Clif

> >

>

[Non-text portions of this message have been removed]

10128. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-12 20:21:22 UTC
From: david broger
Topic: 9957 Message: 10128

Hi Bob
50uV should give s9.
I supposed the problem is on the small filter board X51 B/3. But this board semas to bo ok.
I measure 50kOhm on the antenna connector.

Question to the experts:
When you have 50uV at the antenna connector. How mutch do you have at the CN6 connector?

50uV at CN6 gives me S9. 50uV at the antenna connector gives me about S4. Make this sense?

David

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Correct me if I'm wrong but I had heard that 50uV is supposed to be S-9 on a TS-850???
> BobÂ WE6C
>
> --- On Sun, 1/9/11, david broger <dabrog@...> wrote:
>
> From: david broger <dabrog@...>
> Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, January 9, 2011, 9:08 AM
>

10129. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-12 22:22:07 UTC
From: avvidclif
Topic: 9957 Message: 10129

The s-meter on an 850 is set for 20uV = S-9. 50 uV should be 8dB over S-9.

On the small filter unit board replace C24, C25, C26, C27 after making sure the relay is working correctly.

Clif

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> Hi Bob
> 50uV should give s9.
> I supposed the problem is on the small filter board X51 B/3. But this board semas to bo ok. I measure 50kOhm on the antenna connector.
>
> Question to the experts:
> When you have 50uV at the antenna connector. How mutch do you have at the CN6 connector?
>
> 50uV at CN6 gives me S9. 50uV at the antenna connector gives me about S4. Make this sense?
>
>
> David
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> >
> > Correct me if I'm wrong but I had heard that 50uV is supposed to be S-9 on a TS-850???
> > BobÂ WE6C
> >
> > --- On Sun, 1/9/11, david broger <dabrog@> wrote:
> >
> > From: david broger <dabrog@>
> > Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
> > To: TS-850_450_690@yahoogroups.com
> > Date: Sunday, January 9, 2011, 9:08 AM
> >
>

10130. Re: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-13 00:40:22 UTC
From: Bob Naylor
Topic: 9957 Message: 10130

Thanks Clif. I guess I had that wrong. 20uV doesn't seem like much. I wish it was standardized.
Bob N WE6C

--- On Wed, 1/12/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...m>
Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, January 12, 2011, 2:22 PM

The s-meter on an 850 is set for 20uV = S-9. 50 uV should be 8dB over S-9.

On the small filter unit board replace C24, C25, C26, C27 after making sure the relay is working correctly.

Clif

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:

>

> Hi Bob

> 50uV should give s9.

> I supposed the problem is on the small filter board X51 B/3. But this board semas to bo ok. I measure 50kOhm on the antenna connector.

>

> Question to the experts:

> When you have 50uV at the antenna connector. How mutch do you have at the CN6 connector?

>

> 50uV at CN6 gives me S9. 50uV at the antenna connector gives me about S4. Make this sense?

>

>

> David

>

>

>

>

>

> --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:

> >

> > Correct me if I'm wrong but I had heard that 50uV is supposed to be S-9 on a TS-850???

> > BobÂ WE6C

> >

> > --- On Sun, 1/9/11, david broger <dabrog@> wrote:

> >

> > From: david broger <dabrog@>

> > Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

> > To: TS-850_450_690@yahoogroups.com

> > Date: Sunday, January 9, 2011, 9:08 AM

> >

>

[Non-text portions of this message have been removed]

10131. WTB TS-450S front panel or full parts unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-13 08:33:21 UTC
From: Jose V. Gavila
Topic: 10131 Message: 10131

Hello!

I have a TS-450SAT which has suffered an accident, resulting in an smashed front panel. Everything else is perfect but the front panel, including display, is gone. I would like to fix it, so I need a complete front panel or even a parts unit with a good front panel. Any luck ;-)?

Thanks and best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

10132. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-13 21:07:11 UTC
From: david broger
Topic: 9957 Message: 10132

problem found!
C25 made a short contact. I'll replace it next week end. Thanks everybody for helping!

73 David

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The s-meter on an 850 is set for 20uV = S-9. 50 uV should be 8dB over S-9.
>
> On the small filter unit board replace C24, C25, C26, C27 after making sure the relay is working correctly.
>
> Clif

10133. In rad 2.1 khz filters and slope tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-14 03:58:14 UTC
From: villy.madsen
Topic: 10133 Message: 10133

I thought that I had a problem, then I thought I didn't and now I am almost sure that I do....

symptoms...

I have the inrad filters in the 270hz slot (for the 8.83 mhz one) and the 455 in the only available (500hz) slot.

in USB, LSB & FSK using the inrad filters everything works as I think it should. I can play with the slope knobs to my hearts content - getting a nice narrow passband.

on CW - If I use the builtin 2.7 khz filters it works much as expected - I can narrow up the pass band & by tweeking the knobs - move the passband up & down in freqency.

If I use one of the 2.1 khz inrads & a 2.7 khz - ditto although the slope knobs can be slightly to way off centre depending upon the pairs of filters being used.

If I select both of the inrad filters, the slope tuning has little if any effect (in all of the other cases - by mistuning the two slope tuning knobs, I can kill the signal completely)

Other symptoms. With the 2.7 khz filters selected, by mistuning the slope knows I can reduce the signal to almost nothing in lsb,usb,fsk - cw reduces a lot, but not to the same extent

With the inrad 2.1s - same for everything except CW...(no noticeable change there at all. AGC is turned off.

Any Thoughts ??

Villy ve6sq

www.members.shaw.ca/villy.madsen

10134. Re: TS850 Receiving AM broadcast Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-14 08:54:44 UTC
From: Alex
Topic: 9876 Message: 10134

Clif Thank you for the info for repair, i already repaired the 850 receiving AM broadcast, its the rls135 diode. The diode is shorted and another is leaking. Also another 850 of my brother with attenuated rx, only average signal is coming in, but the weak that other radio can pick up is attenuated. Also the rls135 is the problem, I replaced 2 rls135 diode on each radio on the RF board. Again thank you, Alex DV1TBX --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > Replace the leaky diode, all your tests confirm it. > > Clif > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > Thank you Clif for the info,its a big clue whats going on the radio. Heres another question for this issue, the 850 was tested to another loaction and the broadcast station were not heard there but when it was returned or used to the original location it can pick up the broadcast. What iam trying to point is if the diode is shorted on the RF board will it still rx good or ok when far from the broadcast station? For sure the original location is near the a broadcast station. So it is over loading the frontend when near? The broadacst audio were mix on rx audio on all the band. Any advise for this situation? > > > > Also another 850 were tested near the broadcast station and its not getting any broadcast station. Thats why we can say there is a problem with the other 850. > > > > Thank you for your good advise it helps me alot. Hoping for another good advice from you. > > > > Alex > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote: > > > > > > Shorted BPF diode on the RF unit. > > > > > > Clif > > > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > > > Hi, Does anyone encountered or repaired this problem? my brother 850 is having this problem, There is a mix RX on ham band of AM broadcast, before he does not have this problem. I suspect it happen or the radio were damage during his antenna calibration or swr checking / tuning, sort of RF return to the radio due to high SWR? After that he said he is hearing AM broadcast. He is near an AM broadcast staion i suppose but before there were none of this, Hope anyone can give help how to trouble shoot or what is the possible problem and solution. > > > > > > > > Hope Cliff can give me advise also,or anyone with this probelem before. > > > > > > > > Thank you, > > > > Alex > > > > DV1TBX > > > > > > > > > > > >

10135. Re: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-14 17:40:49 UTC
From: Bob Naylor
Topic: 9957 Message: 10135

David, Clif answered that 20uV is S9 on an 850. Bob WE6C

--- On Wed, 1/12/11, david broger <dabrog@...> wrote:

From: david broger <dabrog@...>
Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, January 12, 2011, 12:21 PM

Hi Bob

50uV should give s9.

I supposed the problem is on the small filter board X51 B/3. But this board semas to bo ok. I measure 50kOhm on the antenna connector.

Question to the experts:

When you have 50uV at the antenna connector. How mutch do you have at the CN6 connector?

50uV at CN6 gives me S9. 50uV at the antenna connector gives me about S4. Make this sense?

David

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:

>

> Correct me if I'm wrong but I had heard that 50uV is supposed to be S-9 on a TS-850???

> BobÂ WE6C

>

> --- On Sun, 1/9/11, david broger <dabrog@...> wrote:

>

> From: david broger <dabrog@...>

> Subject: [TS-850_450_690] Re: no s-meter deflection while rx (TS-850)

> To: TS-850_450_690@yahoogroups.com

> Date: Sunday, January 9, 2011, 9:08 AM

>

[Non-text portions of this message have been removed]

10136. Re: no s-meter deflection while rx (TS-850)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-14 23:45:01 UTC
From: david broger
Topic: 9957 Message: 10136

and now problem solved!
I replaced C25 and now all is ok! 50uV gives me S9+15-20dB.

73 David

--- In TS-850_450_690@yahoogroups.com, "david broger" <dabrog@...> wrote:
>
> problem found!
> C25 made a short contact. I'll replace it next week end. Thanks everybody for helping!
>
> 73 David
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > The s-meter on an 850 is set for 20uV = S-9. 50 uV should be 8dB over S-9.
> >
> > On the small filter unit board replace C24, C25, C26, C27 after making sure the relay is working correctly.
> >
> > Clif
>

10138. Help please!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-15 10:39:03 UTC
From: tas_crest
Topic: 10138 Message: 10138

Hi everyone, I tried searching for my problem and could not find anything that covered all point at the same time.
I turned my 850 on yesterday, and heard a faint signal of interest, so I went to turn up the volume, and discovered that it was already up at 1/2 travel. I also noticed that the S meter was "stuck" on S8 and did not vary with signal, or band change. I am not sure if it may be AGC related, because when I switch from "slow" to "medium", there is a burst of almost normal level volume and the S meter swings normally. Then after about one second it reverts back to it's previous behaviour. Going from "medium" to "fast" of "off" makes no difference, it only happens on the "S" to "M" change.
I am hoping that someone has seen this behaviour before and will know the fix.
Thanks in advance,

Chris VK7HCH

10139. Re: Help please!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-15 14:58:29 UTC
From: avvidclif
Topic: 10138 Message: 10139

Turn the RF Gain all the way clockwise.

Clif

--- In TS-850_450_690@yahoogroups.com, "tas_crest" <vk7hch@...> wrote:
>
> Hi everyone, I tried searching for my problem and could not find anything that covered all point at the same time.
> I turned my 850 on yesterday, and heard a faint signal of interest, so I went to turn up the volume, and discovered that it was already up at 1/2 travel. I also noticed that the S meter was "stuck" on S8 and did not vary with signal, or band change. I am not sure if it may be AGC related, because when I switch from "slow" to "medium", there is a burst of almost normal level volume and the S meter swings normally. Then after about one second it reverts back to it's previous behaviour. Going from "medium" to "fast" of "off" makes no difference, it only happens on the "S" to "M" change.
> I am hoping that someone has seen this behaviour before and will know the fix.
> Thanks in advance,
>
> Chris VK7HCH
>

10140. Re: [TS-850_450_690] Help please!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-15 16:13:26 UTC
From: Zack Widup
Topic: 10138 Message: 10140

Where is your RF gain control set? This is the exact symptom of the RF
gain control not being fully CW.

73, Zack W9SZ

On 1/15/11, tas_crest <vk7hch@...> wrote:
> Hi everyone, I tried searching for my problem and could not find anything
> that covered all point at the same time.
> I turned my 850 on yesterday, and heard a faint signal of interest, so I
> went to turn up the volume, and discovered that it was already up at 1/2
> travel. I also noticed that the S meter was "stuck" on S8 and did not vary
> with signal, or band change. I am not sure if it may be AGC related, because
> when I switch from "slow" to "medium", there is a burst of almost normal
> level volume and the S meter swings normally. Then after about one second it
> reverts back to it's previous behaviour. Going from "medium" to "fast" of
> "off" makes no difference, it only happens on the "S" to "M" change.
> I am hoping that someone has seen this behaviour before and will know the
> fix.
> Thanks in advance,
>
> Chris VK7HCH
>
>

10141. Re: [TS-850_450_690] Help please!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-15 17:27:24 UTC
From: Bob Naylor
Topic: 10138 Message: 10141

Check your RF gain.
Bob We6C

--- On Sat, 1/15/11, tas_crest <vk7hch@gmail.com> wrote:

From: tas_crest <vk7hch@...>
Subject: [TS-850_450_690] Help please!
To: TS-850_450_690@yahoogroups.com
Date: Saturday, January 15, 2011, 2:39 AM

Hi everyone, I tried searching for my problem and could not find anything that covered all point at the same time.

I turned my 850 on yesterday, and heard a faint signal of interest, so I went to turn up the volume, and discovered that it was already up at 1/2 travel. I also noticed that the S meter was "stuck" on S8 and did not vary with signal, or band change. I am not sure if it may be AGC related, because when I switch from "slow" to "medium", there is a burst of almost normal level volume and the S meter swings normally. Then after about one second it reverts back to it's previous behaviour. Going from "medium" to "fast" of "off" makes no difference, it only happens on the "S" to "M" change.

I am hoping that someone has seen this behaviour before and will know the fix.

Thanks in advance,

Chris VK7HCH

[Non-text portions of this message have been removed]

10142. TS-450 tooo much power and ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-16 22:38:34 UTC
From: trev
Topic: 10142 Message: 10142

Hi All
I have purchased a TS-450SAT that puts out 150w on all bands plus the ALC fires across the screen even on a very low mic gain(1/2 mark with processor)I have a copy of the service manual, is there an easy fix to bring it all back to approx 100w and without overdriving the ALC.
I luv the radio but i want it to last a for a while!!
Many thanks

10143. Re: TS-450 tooo much power and ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 00:20:04 UTC
From: kc5cqw
Topic: 10142 Message: 10143

Sounds like someone performed the high power mod...
To fix this, you will need a small phillips screw driver, a dummy load and optionally a watt meter.
Now navigate to Files, Alignment FAQ's, TS-450S, More than 100 Watts.
This if in the "files" section in this group...

Basically, you want to adjust VR15 so that the right most "dot" on the ALC meter is just flickering on all bands.

Mine is happy right at 125W. As long as you have good ALC, then it should be fine as is.

--- In TS-850_450_690@yahoogroups.com, "trev" <cypryman@...> wrote:
>
> Hi All
> I have purchased a TS-450SAT that puts out 150w on all bands plus the ALC fires across the screen even on a very low mic gain(1/2 mark with processor)I have a copy of the service manual, is there an easy fix to bring it all back to approx 100w and without overdriving the ALC.
> I luv the radio but i want it to last a for a while!!
> Many thanks
>

10144. TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-17 21:55:48 UTC
From: fcp_lopes
Topic: 10144 Message: 10144

Hello everyone I've searched the forum and although similar but I find no problem exactly like mine so I decided to put this post.
I have a TS450S with the following problem:
ALC indicator is almost always in full scale when not in full scale does not move, at the same time the power drops from 100W to 5W or less.
I got the service manual on the internet and through some tips from the forum found that the ALC voltage was not correct which I set and I think that the power is in accordance with the signal injected into the mic, I made several QSOs and power held constant, stable at about 100w but I notice that the ALC indicator is always in full scale even with the low Mic/Gain. I tried to calibrate the ALC meter as shown in the service manual, but I can not adjust the level because when turn Mic/Gain the ALC meter goes to full scale and is impossible to calibrate.
Would appreciate help for solving this problem
Thanks in advance.

CT1FAC / Fernando

10145. Re: Help please!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 02:31:30 UTC
From: tas_crest
Topic: 10138 Message: 10145

Hi fellas,
I replied the other day, but it never showed up.
I went and checked the RF gain the following day, it was fully CW as it normally is.
When I powered up, everything was as normal. S meter deflection, volume level etc...
The only difference was the humidity level. I am serious, the day it played up the humidity was about 85%. I originally thought I had a wet speaker cone.
So it looks like condensation / moisture somewhere in the AGC circuit or across the RF gain control wiring simulated the symptom of decreased RF gain.

Thanks again, chalk this one up to experience.
Chris
VK7HCH

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Check your RF gain.
> BobÂ We6C
>

10146. Re: [TS-850_450_690] TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 15:50:03 UTC
From: Bob Naylor
Topic: 10144 Message: 10146

Fernando, I'm not sure about the 450 but on the 850 the ALC meter can be used via the CAR control in CW mode. Is your 450 the same? If so, how does it work in CW mode?
Bob WE6C

--- On Mon, 1/17/11, fcp_lopes <CT1FAC@...> wrote:

From: fcp_lopes <CT1FAC@...>
Subject: [TS-850_450_690] TS450S ALC meter
To: TS-850_450_690@yahoogroups.com
Date: Monday, January 17, 2011, 1:55 PM

Hello everyone I've searched the forum and although similar but I find no problem exactly like mine so I decided to put this post.

I have a TS450S with the following problem:

ALC indicator is almost always in full scale when not in full scale does not move, at the same time the power drops from 100W to 5W or less.

I got the service manual on the internet and through some tips from the forum found that the ALC voltage was not correct which I set and I think that the power is in accordance with the signal injected into the mic, I made several QSOs and power held constant, stable at about 100w but I notice that the ALC indicator is always in full scale even with the low Mic/Gain. I tried to calibrate the ALC meter as shown in the service manual, but I can not adjust the level because when turn Mic/Gain the ALC meter goes to full scale and is impossible to calibrate.

Would appreciate help for solving this problem

Thanks in advance.

CT1FAC / Fernando

[Non-text portions of this message have been removed]

10147. Re: [TS-850_450_690] TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 19:23:31 UTC
From: Fernando Lopes
Topic: 10144 Message: 10147

Hi Bob it?s the same, I get full scale in ALC meter with CAR at min.
Thanks
ct1fac / Fernando

2011/1/18 Bob Naylor <wotbob01@...>

>
>
> Fernando, I'm not sure about the 450 but on the 850 the ALC meter can be
> used via the CAR control in CW mode. Is your 450 the same? If so, how does
> it work in CW mode?
> Bob WE6C
>
> --- On Mon, 1/17/11, fcp_lopes <CT1FAC@... <CT1FAC%40Gmail.com>>
> wrote:
>
> From: fcp_lopes <CT1FAC@Gmail.com <CT1FAC%40Gmail.com>>
> Subject: [TS-850_450_690] TS450S ALC meter
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Date: Monday, January 17, 2011, 1:55 PM
>
>
>
>
> Hello everyone I've searched the forum and although similar but I find no
> problem exactly like mine so I decided to put this post.
>
> I have a TS450S with the following problem:
>
> ALC indicator is almost always in full scale when not in full scale does
> not move, at the same time the power drops from 100W to 5W or less.
>
> I got the service manual on the internet and through some tips from the
> forum found that the ALC voltage was not correct which I set and I think
> that the power is in accordance with the signal injected into the mic, I
> made several QSOs and power held constant, stable at about 100w but I notice
> that the ALC indicator is always in full scale even with the low Mic/Gain. I
> tried to calibrate the ALC meter as shown in the service manual, but I can
> not adjust the level because when turn Mic/Gain the ALC meter goes to full
> scale and is impossible to calibrate.
>
> Would appreciate help for solving this problem
>
> Thanks in advance.
>

> CT1FAC / Fernando
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10148. Re: TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 21:21:02 UTC
From: avvidclif
Topic: 10144 Message: 10148

The ALC meter on the 450 is set in the alignment menu and requires an audio generator with a calibrated output or at least a method of setting the audio level to 1000Hz @ 5mv and 10mv level.

Clif

--- In TS-850_450_690@yahoogroups.com, Fernando Lopes <CT1FAC@...> wrote:
>
> Hi Bob it´s the same, I get full scale in ALC meter with CAR at min.
> Thanks
> ct1fac / Fernando
>
> 2011/1/18 Bob Naylor <wotbob01@...>
>
> >
> >
> > Fernando, I'm not sure about the 450 but on the 850 the ALC meter can be
> > used via the CAR control in CW mode. Is your 450 the same? If so, how does
> > it work in CW mode?
> > Bob WE6C
> >
> > --- On Mon, 1/17/11, fcp_lopes <CT1FAC@... <CT1FAC%40Gmail.com>>
> > wrote:
> >
> > From: fcp_lopes <CT1FAC@... <CT1FAC%40Gmail.com>>
> > Subject: [TS-850_450_690] TS450S ALC meter
> > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> > Date: Monday, January 17, 2011, 1:55 PM
> >
> >
> >
> >
> >
> > Hello everyone I've searched the forum and although similar but I find no
> > problem exactly like mine so I decided to put this post.
> >
> > I have a TS450S with the following problem:
> >
> > ALC indicator is almost always in full scale when not in full scale does
> > not move, at the same time the power drops from 100W to 5W or less.
> >
> > I got the service manual on the internet and through some tips from the
> > forum found that the ALC voltage was not correct which I set and I think
> > that the power is in accordance with the signal injected into the mic, I
> > made several QSOs and power held constant, stable at about 100w but I notice
> > that the ALC indicator is always in full scale even with the low Mic/Gain. I

> > tried to calibrate the ALC meter as shown in the service manual, but I can
> > not adjust the level because when turn Mic/Gain the ALC meter goes to full
> > scale and is impossible to calibrate.
> >
> > Would appreciate help for solving this problem
> >
> > Thanks in advance.
> >
> > CT1FAC / Fernando
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10149. Re: [TS-850_450_690] Re: TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 22:15:17 UTC
From: Fernando Lopes
Topic: 10144 Message: 10149

Hi Clif

after entering in calibration mode, according to the Service Manual when I inject the signal of 1kHz/5mV and try to set the ALC meter for one dot ligth, simply does not show anything or is at full scale, impossible to adjust, the same goes for the other signal generator of 1kHz/10mV and 1kHz/20mV.

Thanks

Ct1fac / Fenando

2011/1/18 avvidclif <clif@...>

>
>
> The ALC meter on the 450 is set in the alignment menu and requires an audio
> generator with a calibrated output or at least a method of setting the audio
> level to 1000Hz @ 5mv and 10mv level.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Fernando Lopes <CT1FAC@...> wrote:
> >
> > Hi Bob it?s the same, I get full scale in ALC meter with CAR at min.
> > Thanks
> > ct1fac / Fernando
> >
> > 2011/1/18 Bob Naylor <wotbob01@...>
>
> >
> >
> > >
> > >
> > > Fernando, I'm not sure about the 450 but on the 850 the ALC meter can
> be
> > > used via the CAR control in CW mode. Is your 450 the same? If so, how
> does
> > > it work in CW mode?
> > > Bob WE6C
> > >
> > > --- On Mon, 1/17/11, fcp_lopes <CT1FAC@... <CT1FAC%40Gmail.com>>
> > > wrote:
> > >
> > > From: fcp_lopes <CT1FAC@... <CT1FAC%40Gmail.com>>

>
> > > Subject: [TS-850_450_690] TS450S ALC meter
> > > To: TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>
>
> > > Date: Monday, January 17, 2011, 1:55 PM
> > >
> > >
> > >
> > >
> > > Hello everyone I've searched the forum and although similar but I find
> no
> > > problem exactly like mine so I decided to put this post.
> > >
> > > I have a TS450S with the following problem:
> > >
> > > ALC indicator is almost always in full scale when not in full scale
> does
> > > not move, at the same time the power drops from 100W to 5W or less.
> > >
> > > I got the service manual on the internet and through some tips from the
> > > forum found that the ALC voltage was not correct which I set and I
> think
> > > that the power is in accordance with the signal injected into the mic,
> I
> > > made several QSOs and power held constant, stable at about 100w but I
> notice
> > > that the ALC indicator is always in full scale even with the low
> Mic/Gain. I
> > > tried to calibrate the ALC meter as shown in the service manual, but I
> can
> > > not adjust the level because when turn Mic/Gain the ALC meter goes to
> full
> > > scale and is impossible to calibrate.
> > >
> > > Would appreciate help for solving this problem
> > >
> > > Thanks in advance.
> > >
> > > CT1FAC / Fernando
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >

>
>
>

[Non-text portions of this message have been removed]

10150. Re: TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-18 23:53:11 UTC
From: avvidclif
Topic: 10144 Message: 10150

Set the Mic VR for just as it gets to max output without the ALC moving and go thru the alignment. Then do it several more times. When it's AFU from someone playing it's hard to get it back.

Clif

--- In TS-850_450_690@yahoogroups.com, Fernando Lopes <CT1FAC@...> wrote:
>
> Hi Clif
>
> after entering in calibration mode, according to the Service Manual when I
> inject the signal of 1kHz/5mV and try to set the ALC meter for one dot
> ligth, simply does not show anything or is at full scale, impossible to
> adjust, the same goes for the other signal generator of 1kHz/10mV and
> 1kHz/20mV.
>
> Thanks
>
> Ct1fac / Fenando
>
>
>
>
> 2011/1/18 avvidclif <clif@...>
>
> > >
> > The ALC meter on the 450 is set in the alignment menu and requires an audio
> > generator with a calibrated output or at least a method of setting the audio
> > level to 1000Hz @ 5mv and 10mv level.
> > >
> > Clif
> > >
> > >
> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > Fernando Lopes <CT1FAC@> wrote:
> > > >
> > > Hi Bob it´s the same, I get full scale in ALC meter with CAR at min.
> > > Thanks
> > > ct1fac / Fernando
> > > >
> > > 2011/1/18 Bob Naylor <wotbob01@>
> > >
> > > >
> > > > >

> > > >
> > > > Fernando, I'm not sure about the 450 but on the 850 the ALC meter can
> > be
> > > > used via the CAR control in CW mode. Is your 450 the same? If so, how
> > does
> > > > it work in CW mode?
> > > > Bob WE6C
> > > >
> > > > --- On Mon, 1/17/11, fcp_lopes <CT1FAC@ <CT1FAC%40Gmail.com>>
> > > > wrote:
> > > >
> > > > From: fcp_lopes <CT1FAC@ <CT1FAC%40Gmail.com>>
> >
> > > > Subject: [TS-850_450_690] TS450S ALC meter
> > > > To: TS-850_450_690@yahoogroups.com
<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> > 40yahoogroups.com>
> >
> > > > Date: Monday, January 17, 2011, 1:55 PM
> > > >
> > > >
> > > >
> > > >
> > > > Hello everyone I've searched the forum and although similar but I find
> > no
> > > > problem exactly like mine so I decided to put this post.
> > > >
> > > > I have a TS450S with the following problem:
> > > >
> > > > ALC indicator is almost always in full scale when not in full scale
> > does
> > > > not move, at the same time the power drops from 100W to 5W or less.
> > > >
> > > > I got the service manual on the internet and through some tips from the
> > > > forum found that the ALC voltage was not correct which I set and I
> > think
> > > > that the power is in accordance with the signal injected into the mic,
> > I
> > > > made several QSOs and power held constant, stable at about 100w but I
> > notice
> > > > that the ALC indicator is always in full scale even with the low
> > Mic/Gain. I
> > > > tried to calibrate the ALC meter as shown in the service manual, but I
> > can
> > > > not adjust the level because when turn Mic/Gain the ALC meter goes to
> > full
> > > > scale and is impossible to calibrate.
> > > >
> > > > Would appreciate help for solving this problem
> > > >

> > > > Thanks in advance.
> > > >
> > > > CT1FAC / Fernando
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10151. TS-450S Antenna Relay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 14:27:41 UTC
From: Mark
Topic: 10151 Message: 10151

Could I get someone to look at the black antenna relay on the filter board and give me the Matsushito part number on it? Mine needs replacing, but part of the number is rubbed out. I have a source for the relays and just need to know the right number. Kenwood wants too much for them. Thanks.

Mark - W5EZY

10152. Re: TS-450S Antenna Relay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 15:04:16 UTC
From: cintrans
Topic: 10151 Message: 10152

Mark

Markings i found on mine:
MATSUSHITA HD1-M-DC12V AG4013 JAPAN 11219U

GL
73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "Mark" <w5ezy@...> wrote:
>
> Could I get someone to look at the black antenna relay on the filter board and give me the Matsushito part number on it? Mine needs replacing, but part of the number is rubbed out. I have a source for the relays and just need to know the right number. Kenwood wants too much for them. Thanks.
>
> Mark - W5EZY
>

10153. Re: [TS-850_450_690] Re: TS-450S Antenna Relay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 16:19:02 UTC
From: Mark Baugh
Topic: 10151 Message: 10153

Thanks so much, Jean-Pierre. That's what I was looking for.

Mark

--- On Wed, 1/19/11, cintrans <p43a@...> wrote:

From: cintrans <p43a@...>
Subject: [TS-850_450_690] Re: TS-450S Antenna Relay
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, January 19, 2011, 9:04 AM

Mark

Markings i found on mine:

MATSUSHITA HD1-M-DC12V AG4013 JAPAN 11219U

GL

73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "Mark" <w5ezy@...> wrote:

>

> Could I get someone to look at the black antenna relay on the filter board and give me the Matsushito part number on it? Mine needs replacing, but part of the number is rubbed out. I have a source for the relays and just need to know the right number. Kenwood wants too much for them. Thanks.

>

> Mark - W5EZY

>

[Non-text portions of this message have been removed]

10154. TS-450S D11

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 20:27:22 UTC
From: Mark
Topic: 10154 Message: 10154

O.k., now I'm looking for a source for D11 on the Filter Board; the part number is DSA301LA. It's surge suppressor. Anyone know where to get one? I've not ever ordered from Kenwood, so don't know if they would have it in stock or not. Thanks.

Mark - W5EZY

10155. Re: TS-450S D11

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 20:30:11 UTC
From: avvidclif
Topic: 10154 Message: 10155

www.kenwoodparts.com

Clif

--- In TS-850_450_690@yahoogroups.com, "Mark" <w5ezy@...> wrote:
>
> O.k., now I'm looking for a source for D11 on the Filter Board; the part number is DSA301LA. It's surge suppressor. Anyone know where to get one? I've not ever ordered from Kenwood, so don't know if they would have it in stock or not. Thanks.
>
> Mark - W5EZY
>

10156. Re: [TS-850_450_690] Re: TS-450S D11

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 21:52:17 UTC
From: Mark Baugh
Topic: 10154 Message: 10156

You guys are great! Thanks, Clif.

Mark - W5EZY

--- On Wed, 1/19/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-450S D11
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, January 19, 2011, 2:30 PM

www.kenwoodparts.com

Clif

--- In TS-850_450_690@yahoogroups.com, "Mark" <w5ezy@...> wrote:

>

> O.k., now I'm looking for a source for D11 on the Filter Board; the part number is DSA301LA. It's surge suppressor. Anyone know where to get one? I've not ever ordered from Kenwood, so don't know if they would have it in stock or not. Thanks.

>

> Mark - W5EZY

>

[Non-text portions of this message have been removed]

10157. New rig I'd like to check out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-19 22:26:23 UTC
From: VA3UE
Topic: 10157 Message: 10157

Hi gents,

I just bought TWO TS-450S/ATs on eBay. One arrived today and I expet the other tomorrow. As with any electronics it's nice to know if it is functioning as it should.

I am planning on sending them both in to hamrepair.com in Carollton to have them checked soon, but it would be nice to give a go in an existing shack. I don't know this radio well enough to know what to check for.

Is there somebody in the Rockwall, Garland, Dallas, Plano, Frisco area (preferably another TS-450S/950S) that might allow me to bring one or both of these over and see how they measures up against a known good setup?

Thanks in advance!

'73
Daniel (in Fate TX)
VA3UE

10158. SSB filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-20 02:55:56 UTC
From: VA3UE
Topic: 10158 Message: 10158

TS-450S questions again. Sorry, new to this rig.

One of the pair of these I bought comes with the 2.4 KHz SSB filter in the 8830 KHz IF section. The manual and the guy who sold it to me lists it as a YK-88S-1.

I'm looking for another one of these for the other TS-450S whici doesn't have any filters in it. I've been shopping around and I see YK-88S filters (no "-1" suffix) saying thee are for TS-430/440 and another listing mentioning soldering them in.

So are the YK-88S-1 and YK-88S the exact same or is one a solder and the other plug in version?

Thanks in advance

Daniel
VA3UE

10159. Re: [TS-850_450_690] SSB filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-20 03:54:38 UTC
From: Crownhaven
Topic: 10158 Message: 10159

I think the YK-88S was made for the TS-830S, etc. and is solder in. The
YK-88S-1 in the plug-in. The YK-88SN-1 is the 1.8 KHz plug-in.

On 1/19/2011 8:55 PM, VA3UE wrote:
>
> TS-450S questions again. Sorry, new to this rig.
>
> One of the pair of these I bought comes with the 2.4 KHz SSB filter in
> the 8830 KHz IF section. The manual and the guy who sold it to me
> lists it as a YK-88S-1.
>
> I'm looking for another one of these for the other TS-450S whici
> doesn't have any filters in it. I've been shopping around and I see
> YK-88S filters (no "-1" suffix) saying thee are for TS-430/440 and
> another listing mentioning soldering them in.
>
> So are the YK-88S-1 and YK-88S the exact same or is one a solder and
> the other plug in version?
>
> Thanks in advance
>
> Daniel
> VA3UE
>
>

[Non-text portions of this message have been removed]

10160. Re: SSB filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-20 04:03:55 UTC
From: VA3UE
Topic: 10158 Message: 10160

Thanks for the info.

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I think the YK-88S was made for the TS-830S, etc. and is solder in. The
> YK-88S-1 in the plug-in. The YK-88SN-1 is the 1.8 KHz plug-in.
>

10161. RE: [TS-850_450_690] Re: SSB filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-20 13:40:53 UTC
From: Jose V. Gavila
Topic: 10158 Message: 10161

Hello all,

Beware with one detail... it is NOT the same the YK-88S-1 than the YK-88S1. The later is a solder in 2.6kHz filter, used in the TS-940 among others (I know as I just replaced one :-))

I have found some info here... there is even an YK-88S2:

http://jg1xlv.jp-au.net/yk88s2.htm

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

-----Mensaje original-----
De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] En nombre de VA3UE
Enviado el: jueves, 20 de enero de 2011 5:04
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Re: SSB filters

Thanks for the info.

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I think the YK-88S was made for the TS-830S, etc. and is solder in. The
> YK-88S-1 in the plug-in. The YK-88SN-1 is the 1.8 KHz plug-in.
>

10162. TS-450 TX power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 00:01:33 UTC
From: cintrans
Topic: 10162 Message: 10162

Hi all

My TS-450Sat developed another glitch.

While transmitting (CW or SSB) the power sometimes falls back from the normal 100w to about 50w. I noticed this especially on the bands from 17m up to 10m and when the radio has been on for some time (radio warmed up)
When the power drops down, there is no ALC reading at all.
To get the power back to normal i either have to play with the carier (for CW), the mic (for SSB), the pwr, TX into a high SWR or momentary swith S1 on the IF board for 50w and back to normal... changing band or mode sometimes does the trick allso... then it will TX for a few key ups back at full power...
Anyone with any tips on where i should start looking to solve this glitch??

TNX
73's de P43A, Jean-Pierre

10163. Re: [TS-850_450_690] SSB filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 01:39:05 UTC
From: Bob Naylor
Topic: 10158 Message: 10163

Daniel, I may be wrong but I believe I heard that the two filters (the "S" and the "S-1") have different center frequencies. Right Clif?
Bob WE6C

--- On Wed, 1/19/11, VA3UE <va3ue@...> wrote:

From: VA3UE <va3ue@qsl.net>
Subject: [TS-850_450_690] SSB filters
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, January 19, 2011, 6:55 PM

TS-450S questions again. Sorry, new to this rig.

One of the pair of these I bought comes with the 2.4 KHz SSB filter in the 8830 KHz IF section. The manual and the guy who sold it to me lists it as a YK-88S-1.

I'm looking for another one of these for the other TS-450S whici doesn't have any filters in it. I've been shopping around and I see YK-88S filters (no "-1" suffix) saying thee are for TS-430/440 and another listing mentioning soldering them in.

So are the YK-88S-1 and YK-88S the exact same or is one a solder and the other plug in version?

Thanks in advance

Daniel

VA3UE

[Non-text portions of this message have been removed]

10164. Re: [TS-850_450_690] SSB filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 02:03:14 UTC
From: Crownhaven
Topic: 10158 Message: 10164

The YK-88S is a solder in filter. The YK-88S-1 is a plug in. It is reported by users that they are the same filter. In fact, there is one post that says you can remove the filter from the board and solder it in a TS-430/530, etc.

Steve, N4JQQ,

The YK-88SN-1 is listed as an optional filter in the TS-450/850 manuals but there is no mention of the YK-88S-1.

This this:

Date *Posted by* *Category*

Aug 15, 2008

K5JN <http://www.eham.net/user/profile/K5JN>

Misc

Kenwood YK-88S-1 2.4Khz SSB Filter - Sold!

<http://www.eham.net/data/classifieds/images/266289.jpg>

Kenwood YK88S1 2.4Khz SSB filter.
This is the plug in type.
Used in the TS-450S and TS-850S radios and others.
Please check your manual.
Price 75.00 shipped

This was marked by the originator on Aug 15, 2008 as being sold.

**
Or this:

http://www.eham.net/classifieds/detail/266289

or wrote:
>
> Daniel, I may be wrong but I believe I heard that the two filters (the
> "S" and the "S-1") have different center frequencies. Right Clif?
> Bob WE6C
>
> --- On Wed, 1/19/11, VA3UE <va3ue@... <mailto:va3ue%40qsl.net>> wrote:
>
> From: VA3UE <va3ue@... <mailto:va3ue%40qsl.net>>
> Subject: [TS-850_450_690] SSB filters
> To: TS-850_450_690@yahoogroups.com

> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Wednesday, January 19, 2011, 6:55 PM
>
>
>
> TS-450S questions again. Sorry, new to this rig.
>
> One of the pair of these I bought comes with the 2.4 KHz SSB filter in
> the 8830 KHz IF section. The manual and the guy who sold it to me
> lists it as a YK-88S-1.
>
> I'm looking for another one of these for the other TS-450S whici
> doesn't have any filters in it. I've been shopping around and I see
> YK-88S filters (no "-1" suffix) saying thee are for TS-430/440 and
> another listing mentioning soldering them in.
>
> So are the YK-88S-1 and YK-88S the exact same or is one a solder and
> the other plug in version?
>
> Thanks in advance
>
> Daniel
>
> VA3UE
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10165. Re: [TS-850_450_690] Re: TS450S ALC meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 14:22:47 UTC
From: Fernando Lopes
Topic: 10144 Message: 10165

Hi Clif thanks for the info, after several attempts adjusting the ALC meter
finally got values according to the manual.
Finally, and with your help I could solve this problem
thanks

CT1FAC / Fernando

2011/1/18 avvidclif <clif@...>

>
>
> Set the Mic VR for just as it gets to max output without the ALC moving and
> go thru the alignment. Then do it several more times. When it's AFU from
> someone playing it's hard to get it back.
>
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Fernando Lopes <CT1FAC@...> wrote:
> >
> > Hi Clif
> >
> > after entering in calibration mode, according to the Service Manual when
> I
> > inject the signal of 1kHz/5mV and try to set the ALC meter for one dot
> > ligth, simply does not show anything or is at full scale, impossible to
> > adjust, the same goes for the other signal generator of 1kHz/10mV and
> > 1kHz/20mV.
> >
> > Thanks
> >
> > Ct1fac / Fenando
> >
> >
> >
> >
> > 2011/1/18 avvidclif <clif@...>
>
> >
> > >
> > > >
> > > The ALC meter on the 450 is set in the alignment menu and requires an
> audio
> > > > generator with a calibrated output or at least a method of setting the
> audio

> > > level to 1000Hz @ 5mv and 10mv level.
> > >
> > > Clif
> > >
> > >
> > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>,
>
> > > Fernando Lopes <CT1FAC@> wrote:
> > > >
> > > > Hi Bob it?s the same, I get full scale in ALC meter with CAR at min.
> > > > Thanks
> > > > ct1fac / Fernando
> > > >
> > > > 2011/1/18 Bob Naylor <wotbob01@>
> > >
> > > >
> > > > >
> > > > > Fernando, I'm not sure about the 450 but on the 850 the ALC meter
> can
> > > be
> > > > > used via the CAR control in CW mode. Is your 450 the same? If so,
> how
> > > does
> > > > > it work in CW mode?
> > > > > Bob WE6C
> > > > >
> > > > > --- On Mon, 1/17/11, fcp_lopes <CT1FAC@ <CT1FAC%40Gmail.com>>
> > > > > wrote:
> > > > >
> > > > > From: fcp_lopes <CT1FAC@ <CT1FAC%40Gmail.com>>
> > >
> > > > > Subject: [TS-850_450_690] TS450S ALC meter
> > > > > To:
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com><TS-850_450_690%
>
> > > 40yahoogroups.com>
> > >
> > > > > Date: Monday, January 17, 2011, 1:55 PM
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > Hello everyone I've searched the forum and although similar but I
> find
> > > no
> > > > > problem exactly like mine so I decided to put this post.

> > > > >
> > > > > I have a TS450S with the following problem:
> > > > >
> > > > > ALC indicator is almost always in full scale when not in full scale
> > > does
> > > > > not move, at the same time the power drops from 100W to 5W or less.
> > > > >
> > > > > I got the service manual on the internet and through some tips from
> the
> > > > > forum found that the ALC voltage was not correct which I set and I
> > > think
> > > > > that the power is in accordance with the signal injected into the
> mic,
> > > I
> > > > > made several QSOs and power held constant, stable at about 100w but
> I
> > > notice
> > > > > that the ALC indicator is always in full scale even with the low
> > > Mic/Gain. I
> > > > > tried to calibrate the ALC meter as shown in the service manual,
> but I
> > > can
> > > > > not adjust the level because when turn Mic/Gain the ALC meter goes
> to
> > > full
> > > > > scale and is impossible to calibrate.
> > > > >
> > > > > Would appreciate help for solving this problem
> > > > >
> > > > > Thanks in advance.
> > > > >
> > > > > CT1FAC / Fernando
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

>

[Non-text portions of this message have been removed]

10166. Computer Control TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 15:31:40 UTC
From: n4dtf
Topic: 10166 Message: 10166

Be easy with me, I am new to the whole CAT process. I bought the cable from HoseNose and, with the help of a USB/Serial converter, have successfully gotten my VQlog and N1MM software to talk to my rig. Frankly, seeing the frequency change when I turn the tuning knob was a big deal for me. Just the help with contest logging will be awesome.

Here's my question . . . beyond rig control, can I also use this interface for digital modes, keyboard CW, etc, or will that require a separate sound card interface? I note that my rig has an FSK-441 setting . . . does that mean I can drive it via this interface?

Insight from those of you who have already paved the way is greatly appreciated.

73 and Good DX

Trent

N4DTF

10167. TS-850 LP-Pan VAC help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 15:49:06 UTC
From: Jordan
Topic: 10167 Message: 10167

I have my 850S running LP-Pan with excellent results so far, but I cannot get VAC (registered version) to feed the I/Q out from PowerSDR-IF.

As soon as I hit the VAC button, Psdr-IF crashes.

Is there someone using this setup that could go over their settings with me..?

Thanks....Jordan VE6ZT

10168. Re: [TS-850_450_690] Computer Control TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 21:58:22 UTC
From: W8HW
Topic: 10166 Message: 10168

There is many ways to make digital and CW work, in general, there are two ways FSK and AFSK. I have been involved in digital since 1971 and have used them all, but suggest AFSK to because it is so much easer for someone new. This would require two audio connections (TX and RX) between your radio and computer. I feel the best way is to forget all of the commercial stuff and home brew a audio connection with audio padding in between. It is easy and is explained in your N1MM logging software help instructions. The N1MM comes with the digital and CW modes included. The N1MM instructions is indexed and you can click right to what you need. Hope this helps.

73, Bruce, W8HW
-- Buy and/or Repair Broke (or not broke) 2-way radios --

Commercial 2-way-Marine-Ham-CB-Broadcast

----- Original Message -----
From: n4dtf
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 21, 2011 10:31 AM
Subject: [TS-850_450_690] Computer Control TS-690S

Be easy with me, I am new to the whole CAT process. I bought the cable from HoseNose and, with the help of a USB/Serial converter, have successfully gotten my VQlog and N1MM software to talk to my rig. Frankly, seeing the frequency change when I turn the tuning knob was a big deal for me. Just the help with contest logging will be awesome.

Here's my question . . . beyond rig control, can I also use this interface for digital modes, keyboard CW, etc, or will that require a separate sound card interface? I note that my rig has an FSK-441 setting . . . does that mean I can drive it via this interface?

Insight from those of you who have already paved the way is greatly appreciated.

73 and Good DX

Trent

N4DTF

[Non-text portions of this message have been removed]

10169. Re: [TS-850_450_690] Computer Control TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 22:51:24 UTC
From: Dave @ Gmail
Topic: 10166 Message: 10169

> Here's my question . . . beyond rig control, can I also use this
> interface for digital modes, keyboard CW, etc, or will that require a
> separate sound card interface? I note that my rig has an FSK-441 setting .
> . . does that mean I can drive it via
> this interface?

That will depend on which cat interface you bought. Some high end cat devices also do the sound card . The Kenwood if232c will not do both...they WILL do the ptt line, but the device needed for sound card software is a different device normally

10170. Re: [TS-850_450_690] Computer Control TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-21 23:22:21 UTC
From: Tom Osborne
Topic: 10166 Message: 10170

Hi Trent

Usually you need a small interface to use for digital. They are very simple to make, or you can purchase many different ones that are available. You can also do a Google for G4ZLP. He makes some really good interfaces for the Kenwoods.

K4ABT makes some great RASCAL interfaces. I have 3 of them here. I use 2 of them on my TS-450SAT's and one on my Yaesu. You have to figure what mode you are going to use before getting one. He makes them for either FSK or AFSK. FSK is good because it allows you to use your CW filters in the FSK mode. Problem is most software packages that do a lot of different digital modes use AFSK, not FSK. Then you are at the mercy of your SSB filters.

If you are just going to do RTTY, MMTTY is a great software package (and it's free). N1MM Logger is a great contesting software (also free). N1MM and MMTTY work very well together. N1MM will also work with FLDigi and MMVARI for other digital modes. 73 and have fun on RTTY.
Tom W7WHY

Be easy with me, I am new to the whole CAT process. I bought the cable from HoseNose and, with the help of a USB/Serial converter, have successfully gotten my VQlog and N1MM software to talk to my rig. Frankly, seeing the frequency change when I turn the tuning knob was a big deal for me. Just the help with contest logging will be awesome.

Here's my question . . . beyond rig control, can I also use this interface for digital modes, keyboard CW, etc, or will that require a separate sound card interface? I note that my rig has an FSK-441 setting . . . does that mean I can drive it via this interface?

Insight from those of you who have already paved the way is greatly appreciated.

73 and Good DX

Trent

N4DTF

10171. Re: Computer Control TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-24 15:35:20 UTC
From: kc5cqw
Topic: 10166 Message: 10171

CAT and digital modes are different. Save yourself the trouble and get a Tigertrinics Signlink USB+ with the 13-pin DIN cable for kenwood rigs and have fun!

--- In TS-850_450_690@yahoogroups.com, "n4dtf" <trent.fleming@...> wrote:
>
> Be easy with me, I am new to the whole CAT process. I bought the cable from HoseNose and, with the help of a USB/Serial converter, have successfully gotten my VQlog and N1MM software to talk to my rig. Frankly, seeing the frequency change when I turn the tuning knob was a big deal for me. Just the help with contest logging will be awesome.
>
> Here's my question . . . beyond rig control, can I also use this interface for digital modes, keyboard CW, etc, or will that require a separate sound card interface? I note that my rig has an FSK-441 setting . . . does that mean I can drive it via this interface?
>
> Insight from those of you who have already paved the way is greatly appreciated.
>
> 73 and Good DX
>
> Trent
>
> N4DTF
>

10172. Re: [TS-850_450_690] Re: Computer Control TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-24 20:14:27 UTC
From: Tom Osborne
Topic: 10166 Message: 10172

Hi
The Signalink doesn't work with all the logging programs. It will work in some modes, but not all. Some op's have had some problems with it. 73

Tom W7WHY

CAT and digital modes are different. Save yourself the trouble and get a Tigertrinics Signlink USB+ with the 13-pin DIN cable for kenwood rigs and have fun!

--- In TS-850_450_690@yahoogroups.com, "n4dtf" <trent.fleming@...> wrote:
>
> Be easy with me, I am new to the whole CAT process. I bought the cable
> from HoseNose and, with the help of a USB/Serial converter, have
> successfully gotten my VQlog and N1MM software to talk to my rig. Frankly,
> seeing the frequency change when I turn the tuning knob was a big deal for
> me. Just the help with contest logging will be awesome.
>
> Here's my question . . . beyond rig control, can I also use this interface
> for digital modes, keyboard CW, etc, or will that require a separate sound
> card interface? I note that my rig has an FSK-441 setting . . . does that
> mean I can drive it via this interface?
>
> Insight from those of you who have already paved the way is greatly
> appreciated.
>
> 73 and Good DX
>
> Trent
>
> N4DTF

10173. Re: New rig I'd like to check out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-26 14:26:46 UTC
From: kd5vhf
Topic: 10157 Message: 10173

If you decide to send it somewhere,I would suggest sending it to your "neighbor" here...
http://www.avvid.com/
He just repaired my TS 850 at a great price.
73 , Mike

--- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@...> wrote:
>
> Hi gents,
>
> I just bought TWO TS-450S/ATs on eBay. One arrived today and I expet the other tomorrow. As with any electronics it's nice to know if it is functioning as it should.
>
> I am planning on sending them both in to hamrepair.com in Carollton to have them checked soon, but it would be nice to give a go in an existing shack. I don't know this radio well enough to know what to check for.
>
> Is there somebody in the Rockwall, Garland, Dallas, Plano, Frisco area (preferably another TS-450S/950S) that might allow me to bring one or both of these over and see how they measures up against a known good setup?
>
> Thanks in advance!
>
> '73
> Daniel (in Fate TX)
> VA3UE
>

10175. TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-29 14:48:24 UTC
From: kangarooman_01
Topic: 7959 Message: 10175

Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
Anyone had a similar problem?
Cheers
Vk4HMD

10176. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-30 17:46:24 UTC
From: EdwinB
Topic: 7959 Message: 10176

Tour post was a little short on information.

Have you checked the PTT on the mic?

Does the rig TX full power on CW?

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@...> wrote:
>
> Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> Anyone had a similar problem?
> Cheers
> Vk4HMD
>

10177. TS-850 cooling fan doesn't work unless it gets a manual spin

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-30 18:30:25 UTC
From: JamesL
Topic: 10177 Message: 10177

Hi all. I have a 1991 TS-850 that works great except for the cooling fan. When I key up the fan just makes a high pitch whir and doesn't turn unless helped with a push. I hooked the fan up to a separate 12V source and it turned fine. I also tried the modification to increase fan speed by jumpering R601 but didn't notice any change. Any thoughts on how to fix it?

Thanks,
Jim
N7EUF

10178. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-30 19:48:55 UTC
From: avvidclif
Topic: 7959 Message: 10178

Start with a service manual in hand. Go to the RF Board and check for the common 8v line at the TP, then beside it the RXB and TXB (when in tx).

Clif

--- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@...> wrote:
>
> Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> Anyone had a similar problem?
> Cheers
> Vk4HMD
>

10179. Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-30 20:59:46 UTC
From: Dave @ Gmail
Topic: 10177 Message: 10179

are you sure the internal fan is a 12 v??? and not 8 volt. also, the current available to give the fan a "push" is maybe not enough , but an external supply would...

what voltage do you have at the fan when it is supposed to be running (during transmit)

-----Original Message-----
From: JamesL
Sent: Sunday, January 30, 2011 1:30 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Hi all. I have a 1991 TS-850 that works great except for the cooling fan. When I key up the fan just makes a high pitch whir and doesn't turn unless helped with a push. I hooked the fan up to a separate 12V source and it turned fine. I also tried the modification to increase fan speed by jumpering R601 but didn't notice any change. Any thoughts on how to fix it?

Thanks,
Jim
N7EUF

THANKS FOR USING TS-850_450_690@...! Groups Links

10180. TS 450 tx monitor! Is it possible?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-31 14:33:17 UTC
From: py1ttn
Topic: 10180 Message: 10180

Does anyone know if it is possible to build internally a TX monitor in the Kenwood TS 450?

Tks in advance;

Humberto;
py1ttn

10181. RE: [TS-850_450_690] TS 450 tx monitor! Is it possible?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-31 15:20:05 UTC
From: F6DXE
Topic: 10180 Message: 10181

What do you mean ?

It is easy to create a program for all the kenwood but not to PUT IN the tx

Didier F6DXE

De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de py1ttn
Envoyé : lundi 31 janvier 2011 15:33
À : TS-850_450_690@yahoogroups.com
Objet : [TS-850_450_690] TS 450 tx monitor! Is it possible?

Does anyone know if it is possible to build internally a TX monitor in the
Kenwood TS 450?

Tks in advance;

Humberto;
py1ttn

[Non-text portions of this message have been removed]

10182. Re: [TS-850_450_690] TS 450 tx monitor! Is it possible?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-31 16:38:20 UTC
From: Humberto
Topic: 10180 Message: 10182

Have a TS 850 and a TS 450.

When I am transmitting,..., I listen my 850 transmission utilizing the TX monitor.

I would like to listen my TS 450 transmission similarly that I listen the transmission when I utilize my TS 850.
The Kenwood TS 450 does not have this kind of function.
I want to monitor my TS 450 transmission utilizing the a "possible" TX monitor.

Humberto

From: F6DXE <f6dxe@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, January 31, 2011 1:20:05 PM
Subject: RE: [TS-850_450_690] TS 450 tx monitor! Is it possible?

What do you mean ?

It is easy to create a program for all the kenwood but not to PUT IN the tx

Didier F6DXE

De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de py1ttn
Envoyé : lundi 31 janvier 2011 15:33
À : TS-850_450_690@yahoogroups.com
Objet : [TS-850_450_690] TS 450 tx monitor! Is it possible?

Does anyone know if it is possible to build internally a TX monitor in the Kenwood TS 450?

Tks in advance;

Humberto;
py1ttn

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10183. Re: [TS-850_450_690] TS 450 tx monitor! Is it possible?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-01-31 19:18:09 UTC
From: kurt@kuhlroad.net
Topic: 10180 Message: 10183

My TS-450 is fitted with a TX monitor mod made by Inrad. I'm not sure if it is made any longer.

Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: Humberto <py1ttn@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Mon, 31 Jan 2011 08:38:20
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS 450 tx monitor! Is it possible?

Have a TS 850 and a TS 450.

When I am transmitting,..., I listen my 850 transmission utilizing the TX monitor.

I would like to listen my TS 450 transmission similarly that I listen the transmission when I utilize my TS 850.
The Kenwood TS 450 does not have this kind of function.
I want to monitor my TS 450 transmission utilizing the a "possible" TX monitor.

Humberto

From: F6DXE <f6dxe@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, January 31, 2011 1:20:05 PM
Subject: RE: [TS-850_450_690] TS 450 tx monitor! Is it possible?

What do you mean ?

It is easy to create a program for all the kenwood but not to PUT IN the tx

Didier F6DXE

De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de py1ttn
Envoyé : lundi 31 janvier 2011 15:33
À : TS-850_450_690@yahoogroups.com
Objet : [TS-850_450_690] TS 450 tx monitor! Is it possible?

Does anyone know if it is possible to build internally a TX monitor in the Kenwood TS 450?

Tks in advance;

Humberto;
py1ttn

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10184. Re: [TS-850_450_690] TS 450 tx monitor! Is it possible?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-01 10:40:52 UTC
From: Humberto
Topic: 10180 Message: 10184

What kind of modification INRAD did in your TS 450?
Is there a place in the internet where this kind of modification is available?

Humberto;
py1ttn

From: "kurt@..." <kurt@kuhlroad.net>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, January 31, 2011 5:18:09 PM
Subject: Re: [TS-850_450_690] TS 450 tx monitor! Is it possible?

My TS-450 is fitted with a TX monitor mod made by Inrad. I'm not sure if it is made any longer.

Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: Humberto <py1ttn@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Mon, 31 Jan 2011 08:38:20
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS 450 tx monitor! Is it possible?

Have a TS 850 and a TS 450.

When I am transmitting,..., I listen my 850 transmission utilizing the TX monitor.

I would like to listen my TS 450 transmission similarly that I listen the transmission when I utilize my TS 850.
The Kenwood TS 450 does not have this kind of function.
I want to monitor my TS 450 transmission utilizing the a "possible" TX monitor.

Humberto

From: F6DXE <f6dxe@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, January 31, 2011 1:20:05 PM
Subject: RE: [TS-850_450_690] TS 450 tx monitor! Is it possible?

What do you mean ?

It is easy to create a program for all the kenwood but not to PUT IN the tx

Didier F6DXE

De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
De la part de py1ttn
Envoyé : lundi 31 janvier 2011 15:33
À : TS-850_450_690@yahoogroups.com
Objet : [TS-850_450_690] TS 450 tx monitor! Is it possible?

Does anyone know if it is possible to build internally a TX monitor in the Kenwood TS 450?

Tks in advance;

Humberto;
py1ttn

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10185. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-01 13:50:36 UTC
From: kangarooman_01
Topic: 7959 Message: 10185

Hi Ed, nothing as far as output at all, via microphone of send switch on front panel or CW. Audio I dont think could be much maybe a transisitor or something like that. Transmit is zero nothing even registers on RF prode when testing. I am not real sure on the story I got told, i think they were having a lend of me.But I will keep soldering on thats for sure. Martin

--- In TS-850_450_690@yahoogroups.com, "EdwinB" <n5kzw@...> wrote:
>
> Tour post was a little short on information.
>
> Have you checked the PTT on the mic?
>
> Does the rig TX full power on CW?
>
> Regards,
> Ed
>
> --- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@> wrote:
> >
> > Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> > Anyone had a similar problem?
> > Cheers
> > Vk4HMD
> >
>

10186. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-01 13:52:32 UTC
From: kangarooman_01
Topic: 7959 Message: 10186

--- In TS-850_450_690@yahoogroups.com, "EdwinB" <n5kzw@...> wrote:
>
> Tour post was a little short on information.
>
> Have you checked the PTT on the mic?
>
> Does the rig TX full power on CW?
>
> Regards,
> Ed
>
> --- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@> wrote:
> >
> > Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> > Anyone had a similar problem?
> > Cheers
> > Vk4HMD
> >
>

10188. Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 12:40:16 UTC
From: Lichatowich
Topic: 10177 Message: 10188

Thanks for the reply. I checked the label on the fan and its 12V and it is getting 13V from the radio. I suspect the fan must just getting old. The external power supply is a little more than 13V so maybe its got enough push to get it started. I'll try a 3" fan from Radio Shack.

On Sun, Jan 30, 2011 at 3:59 PM, Dave @ Gmail <ve3wej@...> wrote:

>
>
> are you sure the internal fan is a 12 v??? and not 8 volt. also, the
> current available to give the fan a "push" is maybe not enough , but an
> external supply would...
>
> what voltage do you have at the fan when it is supposed to be running
> (during transmit)
>
>
> -----Original Message-----
> From: JamesL
> Sent: Sunday, January 30, 2011 1:30 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a
> manual spin
>
> Hi all. I have a 1991 TS-850 that works great except for the cooling fan.
> When I key up the fan just makes a high pitch whir and doesn't turn unless
> helped with a push. I hooked the fan up to a separate 12V source and it
> turned fine. I also tried the modification to increase fan speed by
> jumpering R601 but didn't notice any change. Any thoughts on how to fix it?
>
> Thanks,
> Jim
> N7EUF
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>
>

[Non-text portions of this message have been removed]

10189. Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 13:50:36 UTC
From: Jim Baumann
Topic: 10177 Message: 10189

I had a noisy tuner in my 850s when i bought it. It screached when i used it. I placed a couple drops of w d 40 on the tuner shafts and it fixed that instantly. i sprayed a q-tip and applied it that way as to not get it everywhere.just a thought. ab9na jim

_____
From: Lichatowich <ellasuejim@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wed, February 2, 2011 7:40:16 AM
Subject: Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Thanks for the reply. I checked the label on the fan and its 12V and it is getting 13V from the radio. I suspect the fan must just getting old. The external power supply is a little more than 13V so maybe its got enough push to get it started. I'll try a 3" fan from Radio Shack.

On Sun, Jan 30, 2011 at 3:59 PM, Dave @ Gmail <ve3wej@...> wrote:

>
>
> are you sure the internal fan is a 12 v??? and not 8 volt. also, the
> current available to give the fan a "push" is maybe not enough , but an
> external supply would...
>
> what voltage do you have at the fan when it is supposed to be running
> (during transmit)
>
>
> -----Original Message-----
> From: JamesL
> Sent: Sunday, January 30, 2011 1:30 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a
> manual spin
>
> Hi all. I have a 1991 TS-850 that works great except for the cooling fan.
> When I key up the fan just makes a high pitch whir and doesn't turn unless
> helped with a push. I hooked the fan up to a separate 12V source and it
> turned fine. I also tried the modification to increase fan speed by
> jumpering R601 but didn't notice any change. Any thoughts on how to fix it?
>
> Thanks,
> Jim
> N7EUF

>
> ------------------------------------
>
> THANKS FOR USING
>TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10190. Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 16:20:13 UTC
From: Lichatowich
Topic: 10177 Message: 10190

I'll try some good old WD and we what happen.
Jim

On Wed, Feb 2, 2011 at 8:50 AM, Jim Baumann <kc9iak@...> wrote:

>
>
> I had a noisy tuner in my 850s when i bought it. It screached when i used
> it. I
> placed a couple drops of w d 40 on the tuner shafts and it fixed that
> instantly.
> i sprayed a q-tip and applied it that way as to not get it everywhere.just
> a
> thought. ab9na jim
>
> _____
> From: Lichatowich <ellasuejim@... <ellasuejim%40gmail.com>>
>
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Sent: Wed, February 2, 2011 7:40:16 AM
> Subject: Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it
> gets a
> manual spin
>
>
> Thanks for the reply. I checked the label on the fan and its 12V and it is
> getting 13V from the radio. I suspect the fan must just getting old. The
> external power supply is a little more than 13V so maybe its got enough
> push
> to get it started. I'll try a 3" fan from Radio Shack.
>
> On Sun, Jan 30, 2011 at 3:59 PM, Dave @ Gmail <ve3wej@...<ve3wej%40gmail.com>>
> wrote:
>
> > >
> > >
> > > are you sure the internal fan is a 12 v??? and not 8 volt. also, the
> > > current available to give the fan a "push" is maybe not enough , but an
> > > external supply would...
> > >
> > > what voltage do you have at the fan when it is supposed to be running
> > > (during transmit)
> > >
> > >

> > -----Original Message-----
> > From: JamesL
> > Sent: Sunday, January 30, 2011 1:30 PM
> > To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> 40yahoogroups.com>
> > Subject: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets
> a
> > manual spin
> >
> > Hi all. I have a 1991 TS-850 that works great except for the cooling fan.
> > When I key up the fan just makes a high pitch whir and doesn't turn
> unless
> > helped with a push. I hooked the fan up to a separate 12V source and it
> > turned fine. I also tried the modification to increase fan speed by
> > jumpering R601 but didn't notice any change. Any thoughts on how to fix
> it?
> >
> > Thanks,
> > Jim
> > N7EUF
> >
> > ------------------------------------
> >
> > THANKS FOR USING
> >TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>
> <TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> > Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10191. LP-Pan TS-850s IF response

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 16:38:18 UTC
From: Jordan
Topic: 10191 Message: 10191

Hi group....

I have finally gotten around to checking out LP-Pan connected to my 850S....It works very well and is very sensitive.

The only real issue is that the passband is distorted close to the IF center frequency...It has dips and rises that are due to the IF coupling into the 850 IF chain and the filter network responses which appear to 'pull' the output down.

On a quiet band, this is almost a non-issue, but below 14Mhz I've seen 5-15dB dips which is an issue if you want to read the panadapter display. High noise levels make it much worse.

Was this an issue with the SM-230...? Would a buffer/amp help..?

I don't know if all the Kenwoods have this anomoly, but given the method of IF output implementation, I'd think they'd all have some degree of the problem...

Any ideas out there..?

Thank for your time...73...Jordan VE6ZT

[Non-text portions of this message have been removed]

10192. Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 17:04:56 UTC
From: Alan Riley
Topic: 10177 Message: 10192

The TS-850 fan normally only receives about 8.5V in order to have it
run quieter. After replacing the fan, you may want to remove the jumper
you installed that raised the voltage.

A small amount of sewing machine oil or gun oil applied to the bearing of
the original fan may save you a trip to Radio Shack. Don't use WD-40 -
you want a non-gumming lubricant.

73,
Alan, KD5R

----- Original Message -----
From: Lichatowich
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 02, 2011 6:40 AM
Subject: Re: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a manual spin

Thanks for the reply. I checked the label on the fan and its 12V and it is
getting 13V from the radio. I suspect the fan must just getting old. The
external power supply is a little more than 13V so maybe its got enough push
to get it started. I'll try a 3" fan from Radio Shack.

On Sun, Jan 30, 2011 at 3:59 PM, Dave @ Gmail <ve3wej@...> wrote:

>
>
> are you sure the internal fan is a 12 v??? and not 8 volt. also, the
> current available to give the fan a "push" is maybe not enough , but an
> external supply would...
>
> what voltage do you have at the fan when it is supposed to be running
> (during transmit)
>
>
> -----Original Message-----
> From: JamesL
> Sent: Sunday, January 30, 2011 1:30 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] TS-850 cooling fan doesn't work unless it gets a
> manual spin
>
> Hi all. I have a 1991 TS-850 that works great except for the cooling fan.
> When I key up the fan just makes a high pitch whir and doesn't turn unless
> helped with a push. I hooked the fan up to a separate 12V source and it
> turned fine. I also tried the modification to increase fan speed by

> jumpering R601 but didn't notice any change. Any thoughts on how to fix it?
>
> Thanks,
> Jim
> N7EUF
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...<TS-850_450_690%40YAHOOGROUPS.COMYahoo>!
> Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10193. Re: LP-Pan TS-850s IF response

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 20:47:22 UTC
From: PaulC
Topic: 10191 Message: 10193

I used my TS-850-SAT with a SM-220, and a BS-8 installed.

I found that a given signal showed taller when it was tuned on the left side of the center frequency, than when it was tuned to the right side of the center frequency.

It was a weird effect... when I tuned up the band, all the signals came in from the right side, and then seemed to pop up after they passed the center frequency. It was not bad enough to be a problem, just an odd visual - as I recall, it was down about 10db difference, smaller on the right.

Paul - K2BK.

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi group....
>
> I have finally gotten around to checking out LP-Pan connected to my 850S....It works very well and is very sensitive.
>
> The only real issue is that the passband is distorted close to the IF center frequency...It has dips and rises that are due to the IF coupling into the 850 IF chain and the filter network responses which appear to 'pull' the output down.
>
> On a quiet band, this is almost a non-issue, but below 14Mhz I've seen 5-15dB dips which is an issue if you want to read the panadapter display. High noise levels make it much worse.
>
> Was this an issue with the SM-230...? Would a buffer/amp help..?
>
> I don't know if all the Kenwoods have this anomoly, but given the method of IF output implementation, I'd think they'd all have some degree of the problem...
>
> Any ideas out there..?
>
> Thank for your time...73...Jordan VE6ZT
>
> [Non-text portions of this message have been removed]
>

10194. Re: [TS-850_450_690] Re: LP-Pan TS-850s IF response

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-02 20:48:24 UTC
From: Jordan
Topic: 10191 Message: 10194

Thanks Paul....thats the effect I'm seeing here too....73...Jordan...

----- Original Message -----
From: PaulC
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 02, 2011 1:47 PM
Subject: [TS-850_450_690] Re: LP-Pan TS-850s IF response

I used my TS-850-SAT with a SM-220, and a BS-8 installed.

I found that a given signal showed taller when it was tuned on the left side of the center frequency, than when it was tuned to the right side of the center frequency.

It was a weird effect... when I tuned up the band, all the signals came in from the right side, and then seemed to pop up after they passed the center frequency. It was not bad enough to be a problem, just an odd visual - as I recall, it was down about 10db difference, smaller on the right.

Paul - K2BK.

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi group....
>
> I have finally gotten around to checking out LP-Pan connected to my 850S....It works very well and is very sensitive.
>
> The only real issue is that the passband is distorted close to the IF center frequency...It has dips and rises that are due to the IF coupling into the 850 IF chain and the filter network responses which appear to 'pull' the output down.
>
> On a quiet band, this is almost a non-issue, but below 14Mhz I've seen 5-15dB dips which is an issue if you want to read the panadapter display. High noise levels make it much worse.
>
> Was this an issue with the SM-230...? Would a buffer/amp help..?
>
> I don't know if all the Kenwoods have this anomoly, but given the method of IF output implementation, I'd think they'd all have some degree of the problem...
>
> Any ideas out there..?
>
> Thank for your time...73...Jordan VE6ZT
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10195. Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-03 00:43:41 UTC
From: Jerry Harley
Topic: 6646 Message: 10195

If I'm going to add a 1.8 or 2.1 filter, where is the best place to add it 455 or 8.83? and why

10196. Re: LP-Pan TS-850s IF response

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-03 11:20:28 UTC
From: vojtech
Topic: 10191 Message: 10196

Hello Jordan, I have mentioned similar problems on TS-870 with the IF output (see my post some time ago), the dips are there too, but only about 15kHz BW around the 8.83MHz carrier, as far as the BW is up to 1MHz, it is a very small problematic part, although on a bad place. As far as the SDR radios have zero beat problem, a nice idea is to shift the LO of the SDR about 10KHz away to be able to have display frequency on 10kHz of the sdr.
This works for me and it is easy to decode the DRM too with Dream.
I can scan the measured conversion loss curve of the TS-870s, i suppose it is similar to ts 850.
Regards,
OK1VAW, Vojtech.

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi group....
>
> I have finally gotten around to checking out LP-Pan connected to my 850S....It works very well and is very sensitive.
>
> The only real issue is that the passband is distorted close to the IF center frequency...It has dips and rises that are due to the IF coupling into the 850 IF chain and the filter network responses which appear to 'pull' the output down.
>
> On a quiet band, this is almost a non-issue, but below 14Mhz I've seen 5-15dB dips which is an issue if you want to read the panadapter display. High noise levels make it much worse.
>
> Was this an issue with the SM-230...? Would a buffer/amp help..?
>
> I don't know if all the Kenwoods have this anomoly, but given the method of IF output implementation, I'd think they'd all have some degree of the problem...
>
> Any ideas out there..?
>
> Thank for your time...73...Jordan VE6ZT
>
> [Non-text portions of this message have been removed]
>

10197. Re: [TS-850_450_690] Re: LP-Pan TS-850s IF response

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-03 15:58:23 UTC
From: Jordan
Topic: 10191 Message: 10197

Hi Vojtech...

That's what I needed to know.... I guess I will have to live with these artifacts.....Thanks....Jordan VE6ZT

----- Original Message -----
From: vojtech
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 03, 2011 4:20 AM
Subject: [TS-850_450_690] Re: LP-Pan TS-850s IF response

Hello Jordan, I have mentioned similar problems on TS-870 with the IF output (see my post some time ago), the dips are there too, but only about 15kHz BW around the 8.83MHz carrier, as far as the BW is up to 1MHz, it is a very small problematic part, although on a bad place. As far as the SDR radios have zero beat problem, a nice idea is to shift the LO of the SDR about 10KHz away to be able to have display frequency on 10kHz of the sdr.
This works for me and it is easy to decode the DRM too with Dream.
I can scan the measured conversion loss curve of the TS-870s, i suppose it is similar to ts 850.
Regards,
OK1VAW, Vojtech.

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Hi group....
>
> I have finally gotten around to checking out LP-Pan connected to my 850S....It works very well and is very sensitive.
>
> The only real issue is that the passband is distorted close to the IF center frequency...It has dips and rises that are due to the IF coupling into the 850 IF chain and the filter network responses which appear to 'pull' the output down.
>
> On a quiet band, this is almost a non-issue, but below 14Mhz I've seen 5-15dB dips which is an issue if you want to read the panadapter display. High noise levels make it much worse.
>
> Was this an issue with the SM-230...? Would a buffer/amp help..?
>
> I don't know if all the Kenwoods have this anomoly, but given the method of IF output implementation, I'd think they'd all have some degree of the problem...
>
> Any ideas out there..?
>
> Thank for your time...73...Jordan VE6ZT
>

> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10198. Re: Slope tuning problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-04 15:38:28 UTC
From: villy.madsen
Topic: 9951 Message: 10198

Hi Zack

not sure if you are still interested but - here's what I think is going on.. - at least in my TS850SAT.

When CW mode is selected, and if filters in the 270 or 500hz positions are selected, the impact of the slope tuning knob for the mixer associated with that filter is reduced. In Other Words when you select filters in the 2.7 khz position, you can move the passband say 2.7 khz. When you select filters in the 500 hz position, you can only move the slope say 500 hz. It doesn't matter what filters are in those positions - the transceiver has no way of knowing - it's just selecting those positions - and it appears, this only happens if the mode selected is CW.

In my case, I have 2.1 khz inrads in the 500hz positions - tuning the slope trims the bw down a little - maybe to ~1.5 khz when in the CW position. When I'm in the FSK (& LSB & USB) positions, it can easily trim it to a bandwidth of ~ 200hz.

I can see the need for better "resolution" of the slope controls when dealing with filters of 270 and/or 500 bw. It would have been nice if there was a setup option that would allow one to over-ride that..

In the event, it appears that the only really solution is to actually replace the installed 2.7 khz filters with the 2.1 khz ones, or to buy a cw filter to fill the last 8.83 mhz filter slot, or to really bite the bullet and buy a pair - and pull the 2.1 khz and replace them with the cw filters as necessary...

none of these options are particularly satisfying <G>

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I think I asked about this some time ago but no one ever answered it.
> Ever since I got my TS-850 (secondhand), the slope tuning has never
> been right. I have the 500 Hz 8.83 MHz filter and the 2.7 kHz 8.83 MHz
> and 455 kHz Kenwood filters in it.
>
> The high-cut slope tuning control goes through a "zero" of low
> frequency in the three-o'clock position with the CW filter activated.
> I have used other TS-850's where this "zero" was in a different
> position, farther counterclockwise. The high-cut control doesn't seem
> to adequately high cut at all in the CW position. Slope tuning seems
> OK with the 2.7 kHz filters activated.
>
> I hope that description adequately describes the problem. Any idea
> what is the cause of this? Bad filter? Is there an internal adjustment
> to compensate for it?

>
> 73, Zack W9SZ
>

10199. Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-04 17:07:33 UTC
From: ah6rr1
Topic: 6646 Message: 10199

I would add it to both IF's and I would use the 2.1 the 1.8 pinches the audio too much for for comfort on the ears.I know I tried it and I now have the 2.1 in both IF's if you need to narrow it more use the slope tune. When the filters are added to both IF's it allows for better rejection of in close signals.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> If I'm going to add a 1.8 or 2.1 filter, where is the best place to add
> it 455 or 8.83? and why
>

10200. Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-04 17:14:37 UTC
From: villy.madsen
Topic: 6646 Message: 10200

I am using a pair of InRad 2.1 khz filters. They are great for contesting and if band condx are ugly - but I still find myself switching back to the 2.7 khz filters for general rag chew. The 2.1s in tandem are just a little harsh for general stuff - I would hate to think what the 1.8s are like.

I am not sure that the roofing filter would be high on my list of things to buy. I do have a have another ham a couple of km away from me - but even with him running a kw 20 or 30 khz away, I don't have much of a problem. However I also have a tendency to run with the AIP engaged, and will also hit the 6 and/or 12 db pads and ride the RF gain control more so than the volume control.

All of which has an amazing impact on adjacent channel splatter. Of course if I lived in K6 land vice VE6 land, I might have to take an alternative approach...

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, Steven Gehring <steven.gehring@...> wrote:
>
> Personally, I have found the 1.8 KHz filters too narrow. The 2.1 KHz filter
> is narrow enough, with any narrower choices resorting to the effective slope
> controls.
>
> I'll be interested in reading/hearing what others say. 73.
>
> On Tue, Nov 30, 2010 at 6:52 AM, waynesmithvo1ta
> <waynesmithvo1ta@...>wrote:
>
> > >
> > >
> > > I am looking to pick up a ssb filter for my 850. Have been looking at
> > > Inrads 2100Hz and 1800Hz-455kHz 8 pole filters. Not sure which one to go
> > > with. It will be used mostly for contesting.
> > > I have the two 8.83 slots filled with Kenwoods 500hz filters.
> > > Wondering if this combination will work.
> > > Any info would be much appreciated. Wayne
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >

10201. Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-04 22:07:02 UTC
From: avvidclif
Topic: 6646 Message: 10201

Always start with filters closest to the antenna. It removes garbage the rest of the IF chain doesn't have to contend with.

YMMV

Clif

--- In TS-850_450_690@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> If I'm going to add a 1.8 or 2.1 filter, where is the best place to add
> it 455 or 8.83? and why
>

10202. Re: [TS-850_450_690] Re: Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-04 22:28:33 UTC
From: Steven Gehring
Topic: 6646 Message: 10202

Both Roland and Cliff are correct.

The 2.1 KHz filter is the optimum choice -- your ears won't suffer that way, yet the close-in rejection is markedly improved over the wider (stock) SSB filters. If you can afford it, install matching pairs of 2.1 KHz filters in BOTH IF sections. That way, the VBT circuit "comes alive" and works singly with both IF's having the same filtering. You'll like the results, especially with both filters installed.

Today, I have a pair of 2.8 KHz filters in my TS-850S. The VBT circuit works wonderfully with them in both IF's. When the bands heat up again, I'm thinking of switching to a pair of 2.1 KHz filters -- to optimize the rejection.

I'm still torn over the cost of doing so, so I may just keep the 850 as-is, and order a TS-590S at some point -- if the bands pick up. ;)

73
- Steve, NL7W

On Fri, Feb 4, 2011 at 1:07 PM, avvidclif <clif@...> wrote:

>
>
> Always start with filters closest to the antenna. It removes garbage the
> rest of the IF chain doesn't have to contend with.
>
> YMMV
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> Jerry Harley <wa2tti@...> wrote:
> >
> > If I'm going to add a 1.8 or 2.1 filter, where is the best place to add
> > it 455 or 8.83? and why
> >
>
>
>

[Non-text portions of this message have been removed]

10203. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-11 13:49:03 UTC
From: kangarooman_01
Topic: 7959 Message: 10203

Hi all I am progressing a little further each time i get to look at the radio, have now sorted the no audio problem electro caps were unserviceable.Now to get it to transmit... Must say very easy to work on

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start with a service manual in hand. Go to the RF Board and check for the common 8v line at the TP, then beside it the RXB and TXB (when in tx).
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@> wrote:
> >
> > Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> > Anyone had a similar problem?
> > Cheers
> > Vk4HMD
> >
>

10204. Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-14 17:21:18 UTC
From: joe
Topic: 8848 Message: 10204

Hi
was this problem solved finally? One OM and me have the same problem,
in automatic mode the SWR lowers to 1:1,1, but the tuner does not switch off automaticlly.
tn xJOe

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> OK. It could be that the microcontroller circuit is bad. I haven't done
> anything with the ATU circuit so I am not sure how to track it down. You
> probably need an oscilloscope. I'll look at the service manual.
>
> If thw SWR meter on the radio shows 1:1 when you're transmitting into a
> dummy load with the tuner out of the circuit ("THRU") and shows something
> else when you're going into an antenna, I'd say it is OK.
>
> 73, Zack W9SZ
>
> On Sat, Feb 6, 2010 at 10:35 PM, nonenv <nonenv@...> wrote:
>
> >
> >
> > Hi Zack:
> > Thank you for staying with me.
> > Here are what I found so far:
> > 1. Both VC1 and VC2 can be manually turned by the main knob and VFO knob
> > respectively in the manual tuning mode.
> > 2. Only VC1 can be turned automatically in the auto mode.
> > 3. Both VC1 and VC2 can be automatically reset when reset (clear A=B) mode
> > is entered.
> >
> > I replaced the battery in the digital board as few suggested. However, the
> > problem where VC2 can NOT be automatically turned is still there.
> >
> > I think the signal sent by the "microprocessor" from the digital board is
> > not correct but I have no way to check it. At this moment I have no
> > solution.
> >
> > The VC1 and VC2 as designed they don't turn a full circle. They will turn
> > one direction then reverse its direction as designed.
> >
> > How do you check the SWR circuitry?
> >
> >
> > 73
> > Trung W6TN

> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
> > Zack Widup <w9sz.zack@> wrote:
> > >
> > > Interesting! First off, when you manually tune it now, can you tell if
> > the
> > > capacitor actually goes through its entire range when you rotate the
> > > control?
> > >
> > > It is possible that something has slipped and what the computer thinks is
> > > the capacitor's minimum and maximum positions are no longer true.
> > > I haven't actually ever had my tuner apart so I'm just kind of guessing
> > > here. It seems the only way you couldn't get a 1:1 SWR with the tuner
> > into a
> > > dummy load would be if one of the tuning caps wasn't going through its
> > whole
> > > range. Either that or there is something wrong with the SWR bridge
> > circuitry
> > > also.
> > >
> > > You probably know this, but make sure your power output is at least 10
> > > watts, too.
> > >
> > > 73, Zack W9SZ
> > >
> > >
> > > On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@> wrote:
> > >
> > > >
> > > >
> > > > Hi Zack:
> > > >
> > > > Thank you for your feedback.
> > > > Last night, I tested few steps.
> > > > First, I manually turned the left side capacitor (VC2) so I could view
> > it
> > > > easily. It would help me on the next thing.
> > > > Secondly, I reset it to the automatic mode. Then I cleared all memories
> > so
> > > > I didn't have any presetting on SWR.
> > > > Thirdly, when I turned it on again the VC2's motor actually TURNED
> > > > automatically and stayed at the "opening".
> > > > I assumed now the VC2's motor is working properly. However, the signal
> > was
> > > > incorrectly sent and wouldn't move the motor to automatically tune the
> > > > tuner. The VC1 works just fine.
> > > >
> > > > In addition, when I manually turned the tuner I could NOT adjust it to
> > > > lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?
> > > >
> > > > Any hints would be greatly appreciated. Thank you.

> > > >
> > > > 73
> > > > Trung W6TN
> > > >
> > > >
> > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> > 40yahoogroups.com>,
> > > > Zack Widup <w9sz.zack@> wrote:
> > > > >
> > > > > Hmm ... that may be an indication of why you're having trouble with
> > it
> > > > > tuning in auto mode. Looks like the left side capacitor motor or
> > control
> > > > > circuitry is not working.
> > > > >
> > > > > 73, Zack W9SZ
> > > > >
> > > > > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@> wrote:
> > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > Hi Ron:
> > > > > > Thank you for your suggestion.
> > > > > > I found out now that I can manually turn both the left side
> > variable
> > > > > > capacitor with the VFO knob and the right side variable capacitor
> > with
> > > > the
> > > > > > MAIN knob. But when I put it into the automatic tuning mode the
> > left
> > > > side
> > > > > > capacitor would not move. I don't know whether the motor for that
> > > > capacitor
> > > > > > did turn or not. Any hints?
> > > > > >
> > > > > > BTW, I had a full output into a dummy load when I turned off the
> > tuner.
> > > > I
> > > > > > can crank up the CAR to have that maximum output. It still didn't
> > move
> > > > that
> > > > > > variable capacitor at all in the automatic tuning mode.
> > > > > >
> > > > > >
> > > > > > Thank you
> > > > > > 73
> > > > > > Trung W6TN
> > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>

> > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> >
> > > > 40yahoogroups.com>,
> > > >
> > > > > > "ag1pct" <ronpotter@> wrote:
> > > > > > >
> > > > > > > May I assume you have CAR front panel control set correctly? Mine
> > is
> > > > set
> > > > > > at 6.
> > > > > > >
> > > > > > > 73
> > > > > > > Ron - AG1P
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
> > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
> >
> > > > 40yahoogroups.com>,
> > > >
> > > > > > "nonenv" <nonenv@> wrote:
> > > > > > > >
> > > > > > > > Hi all:
> > > > > > > > I just recently bought a TS-850S with a built-in antenna tuner.
> > And
> > > > the
> > > > > > tuner can't tune on any band or a dummy load.
> > > > > > > > After using a manual tuning mode described on the manual's page
> > 30,
> > > > I
> > > > > > found that the main knob can turn the right side capacitor, but the
> > VFO
> > > > knob
> > > > > > can NOT turn the left side capacitor. I can hear the motor running.
> > > > > > > > Is this a stuck or frozen capacitor? I already opened up the
> > tuner
> > > > unit
> > > > > > and want to find out how to fix it. I didn't see any burned coil or
> > > > other
> > > > > > obvious problem. Should I wiggle the capacitor while the motor is
> > > > running?
> > > > > > Any hep is greatly appreciated. Thank you.
> > > > > > > >
> > > > > > > > 73
> > > > > > > > Trung W6TN
> > > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > >

> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10205. Re: [TS-850_450_690] Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-14 20:46:05 UTC
From: JOHN WOLFE
Topic: 8848 Message: 10205

JOE CHECK THE SETUP MENU ITEMS FOR THE ONE THAT KEEPS THE TURNER ACTIVE. IF THE BATTERY WENT DOWN, THE SYSTEM MICRO MAY NEED TO BE RESET AND SETUP AGAIN.
CHECK YOUR USERS MANUAL ON HOW TO GET ACCESS TO THE MENU SETUP.

73, JOHN
--- On Mon, 2/14/11, joe <oe3jtb@...> wrote:

From: joe <oe3jtb@...>
Subject: [TS-850_450_690] Re: TS-850 antenna tuner not working
To: TS-850_450_690@yahoogroups.com
Date: Monday, February 14, 2011, 11:21 AM

Hi

was this problem solved finally? One OM and me have the same problem,

in automatic mode the SWR lowers to 1:1,1, but the tuner does not switch off automaticlly.

tn xJOe

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:

>

> OK. It could be that the microcontroller circuit is bad. I haven't done

> anything with the ATU circuit so I am not sure how to track it down. You

> probably need an oscilloscope. I'll look at the service manual.

>

> If thw SWR meter on the radio shows 1:1 when you're transmitting into a

> dummy load with the tuner out of the circuit ("THRU") and shows something

> else when you're going into an antenna, I'd say it is OK.

>

> 73, Zack W9SZ

>

> On Sat, Feb 6, 2010 at 10:35 PM, nonenv <nonenv@...> wrote:

>

> >

> >

> > Hi Zack:

> > Thank you for staying with me.

> > Here are what I found so far:

> > 1. Both VC1 and VC2 can be manually turned by the main knob and VFO knob

> > respectively in the manual tuning mode.

> > 2. Only VC1 can be turned automatically in the auto mode.

> > 3. Both VC1 and VC2 can be automatically reset when reset (clear A=B) mode

> > is entered.

> >

> > I replaced the battery in the digital board as few suggested. However, the

> > problem where VC2 can NOT be automatically turned is still there.

> >

> > I think the signal sent by the "microprocessor" from the digital board is

> > not correct but I have no way to check it. At this moment I have no

> > solution.

> >

> > The VC1 and VC2 as designed they don't turn a full circle. They will turn

> > one direction then reverse its direction as designed.

> >

> > How do you check the SWR circuitry?

> >

> >

> > 73

> > Trung W6TN

> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,

> > Zack Widup <w9sz.zack@> wrote:

> > >

> > > Interesting! First off, when you manually tune it now, can you tell if

> > the

> > > capacitor actually goes through its entire range when you rotate the

> > > control?

> > >

> > > It is possible that something has slipped and what the computer thinks is

> > > the capacitor's minimum and maximum positions are no longer true.

> > > I haven't actually ever had my tuner apart so I'm just kind of guessing

> > > here. It seems the only way you couldn't get a 1:1 SWR with the tuner

> > into a

> > > dummy load would be if one of the tuning caps wasn't going through its

> > whole

> > > range. Either that or there is something wrong with the SWR bridge

> > circuitry

> > > also.

> > >

> > > You probably know this, but make sure your power output is at least 10

> > > watts, too.

> > >

> > > 73, Zack W9SZ

> > >

> > >

> > > On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@> wrote:

> > >

> > > >

> > > >

> > > > Hi Zack:

> > > >

> > > > Thank you for your feedback.

> > > > Last night, I tested few steps.

> > > > First, I manually turned the left side capacitor (VC2) so I could view

> > it

> > > > easily. It would help me on the next thing.

> > > > Secondly, I reset it to the automatic mode. Then I cleared all memories

> > so

> > > > I didn't have any presetting on SWR.

> > > > Thirdly, when I turned it on again the VC2's motor actually TURNED

> > > > automatically and stayed at the "opening".

> > > > I assumed now the VC2's motor is working properly. However, the signal

> > was

> > > > incorrectly sent and wouldn't move the motor to automatically tune the

> > > > tuner. The VC1 works just fine.

> > > >

> > > > In addition, when I manually turned the tuner I could NOT adjust it to

> > > > lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?

> > > >

> > > > Any hints would be greatly appreciated. Thank you.

> > > >

> > > > 73

> > > > Trung W6TN

> > > >

> > > >

> > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%

> > 40yahoogroups.com>,

> > > > Zack Widup <w9sz.zack@> wrote:

> > > > >

> > > > > Hmm ... that may be an indication of why you're having trouble with

> > it

> > > > > tuning in auto mode. Looks like the left side capacitor motor or

> > control

> > > > > circuitry is not working.

> > > > >

> > > > > 73, Zack W9SZ

> > > > >

> > > > > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@> wrote:

> > > > >

> > > > > >

> > > > > > >

> > > > > > >

> > > > > > >

> > > > > > > Hi Ron:

> > > > > > > Thank you for your suggestion.

> > > > > > > I found out now that I can manually turn both the left side

> > variable

> > > > > > > capacitor with the VFO knob and the right side variable capacitor

> > with

> > > > > the

> > > > > > > MAIN knob. But when I put it into the automatic tuning mode the

> > left

> > > > > side

> > > > > > > capacitor would not move. I don't know whether the motor for that

> > > > > capacitor

> > > > > > > did turn or not. Any hints?

> > > > > > >

> > > > > > > BTW, I had a full output into a dummy load when I turned off the

> > tuner.

> > > > > I

> > > > > > > can crank up the CAR to have that maximum output. It still didn't

> > move

> > > > that

> > > > > > variable capacitor at all in the automatic tuning mode.

> > > > > >

> > > > > >

> > > > > > Thank you

> > > > > > 73

> > > > > > Trung W6TN

> > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>

> > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%

> >

> > > > 40yahoogroups.com>,

> > > >

> > > > > > "ag1pct" <ronpotter@> wrote:

> > > > > > >

> > > > > > > May I assume you have CAR front panel control set correctly? Mine

> > is

> > > > set

> > > > > > at 6.

> > > > > > >

> > > > > > > 73

> > > > > > > Ron - AG1P

> > > > > > >

> > > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>

> > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%

> >

> > > > 40yahoogroups.com>,

> > > >

> > > > > > "nonenv" <nonenv@> wrote:

> > > > > > > >

> > > > > > > > Hi all:

> > > > > > > > I just recently bought a TS-850S with a built-in antenna tuner.

> > And

> > > > the

> > > > > tuner can't tune on any band or a dummy load.

> > > > > > > > After using a manual tuning mode described on the manual's page

> > 30,

> > > > I

> > > > > found that the main knob can turn the right side capacitor, but the

> > VFO

> > > > knob

> > > > > can NOT turn the left side capacitor. I can hear the motor running.

> > > > > > > > Is this a stuck or frozen capacitor? I already opened up the

> > tuner

> > > > unit

> > > > > and want to find out how to fix it. I didn't see any burned coil or

> > > > other

> > > > > obvious problem. Should I wiggle the capacitor while the motor is

> > > > running?

> > > > > Any hep is greatly appreciated. Thank you.

> > > > > > > >

> > > > > > > > 73

> > > > > > > > Trung W6TN

> > > > > > > >

> > > > > > >

> > > > > >

> > > > > >

> > > > > >

> > > > >

> > > > >

> > > > > [Non-text portions of this message have been removed]

> > > > >

> > > > >

> > > > >

> > > > >

> > > >

> > > >

> > > [Non-text portions of this message have been removed]

> > >

> >

> >

> >

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

10206. Kenwood 850ATS Inrad Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-15 13:05:38 UTC
From: ko4nrbs@yahoo.com
Topic: 10206 Message: 10206

What Inrad filters do you guys suggest I install in my Kenwood 850ATS? It only has the stock filters in it. I use it for SSB ragchewing mostly but do like to listen in on CW.

I have already had a new CAR board installed and it has the DC-DC board and Noise Blanker mod done by Clif.

73,
Bill

10207. Re: [TS-850_450_690] Kenwood 850ATS Inrad Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-15 14:08:37 UTC
From: Dennis
Topic: 10206 Message: 10207

For ragchewing I would not use an optional filter. The tighter filter will make your friends' voices sound unnatural. I would use only the slope tune. If you "absolutely" have to have a filter I would use the 2.1 kHz in the 8.83 slot. For CW I would use the 500 Hz in the 455 slot. 73
Dennis W8YS

From: ko4nrbs@...
Sent: Tuesday, February 15, 2011 8:05 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood 850ATS Inrad Filters

What Inrad filters do you guys suggest I install in my Kenwood 850ATS? It only has the stock filters in it. I use it for SSB ragchewing mostly but do like to listen in on CW.

I have already had a new CAR board installed and it has the DC-DC board and Noise Blanker mod done by Clif.

73,
Bill

[Non-text portions of this message have been removed]

10208. IC8 on IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 05:23:00 UTC
From: Tom Osborne
Topic: 10208 Message: 10208

Hi
I'm working trying to get my 2nd TS-450SAT working better. On the IF board there is a socket labeled IC8.

What is supposed to go in there? On one of my '450's there is a black part plugged into it and on my other one, there is nothing plugged in.

I think in the service manual it is probably part number uPC1037HA. If that is the part, are they still available. The radio seems to work without it.
73 and thanks
Tom W7WHY

10209. Re: [TS-850_450_690] IC8 on IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 12:17:26 UTC
From: cparrish104@cfl.rr.com
Topic: 10208 Message: 10209

UPC1037HA NEC Electronics Modulator Circuit - Double Balanced Modulator, Zin 500 ohm, fmax 30MHz

K4TL

---- Tom Osborne <w7why@...> wrote:
> Hi
> I'm working trying to get my 2nd TS-450SAT working better. On the IF board
> there is a socket labeled IC8.
>
> What is supposed to go in there? On one of my '450's there is a black part
> plugged into it and on my other one, there is nothing plugged in.
>
> I think in the service manual it is probably part number uPC1037HA. If that
> is the part, are they still available. The radio seems to work without it.
> 73 and thanks
> Tom W7WHY
>
>

10210. R: Re: [TS-850_450_690] Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 12:28:58 UTC
From: ik8vze@tiscali.it
Topic: 10210 Message: 10210

check the menu to turn on # 20 then turn on control swith sw1 int
(internal)

----Messaggio originale----
Da: wa0bnz@...
Data: 14/02/2011 21.46
A: <TS-850_450_690@yahoogroups.com>
Ogg: Re: [TS-850_450_690] Re: TS-850 antenna tuner not working

JOE CHECK THE SETUP MENU ITEMS FOR THE ONE THAT KEEPS THE TURNER
ACTIVE. IF THE BATTERY WENT DOWN, THE SYSTEM MICRO MAY NEED TO BE
RESET AND SETUP AGAIN.
CHECK YOUR USERS MANUAL ON HOW TO GET ACCESS TO THE MENU SETUP.

73, JOHN
--- On Mon, 2/14/11, joe <oe3jtb@...> wrote:

From: joe <oe3jtb@...>
Subject: [TS-850_450_690] Re: TS-850 antenna tuner not working
To: TS-850_450_690@yahoogroups.com
Date: Monday, February 14, 2011, 11:21 AM

Hi

was this problem solved finally? One OM and me have the same
problem,

in automatic mode the SWR lowers to 1:1,1, but the tuner does not
switch off automaticlly.

tn xJOe

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...>
wrote:

>

> OK. It could be that the microcontroller circuit is bad. I haven't
done

> anything with the ATU circuit so I am not sure how to track it
down. You

> probably need an oscilloscope. I'll look at the service manual.

>

> If thw SWR meter on the radio shows 1:1 when you're transmitting
into a

> dummy load with the tuner out of the circuit ("THRU") and shows
something

> else when you're going into an antenna, I'd say it is OK.

>

> 73, Zack W9SZ

>

> On Sat, Feb 6, 2010 at 10:35 PM, nonenv <nonenv@...> wrote:

>

> >

> >

> > Hi Zack:

> > Thank you for staying with me.

> > Here are what I found so far:

> > 1. Both VC1 and VC2 can be manually turned by the main knob and
VFO knob

> > respectively in the manual tuning mode.

> > 2. Only VC1 can be turned automatically in the auto mode.

> > 3. Both VC1 and VC2 can be automatically reset when reset (clear
A=B) mode

> > is entered.

> >

> > I replaced the battery in the digital board as few suggested.
However, the

> > problem where VC2 can NOT be automatically turned is still
there.

> >

> > I think the signal sent by the "microprocessor" from the digital
board is

> > not correct but I have no way to check it. At this moment I have
no

> > solution.

> >

> > The VC1 and VC2 as designed they don't turn a full circle. They will turn

> > one direction then reverse its direction as designed.

> >

> > How do you check the SWR circuitry?

> >

> >

> > 73

> > Trung W6TN

> > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,

> > Zack Widup <w9sz.zack@> wrote:

> > >

> > > Interesting! First off, when you manually tune it now, can you tell if

> > the

> > > capacitor actually goes through its entire range when you rotate the

> > > control?

> > >

> > > It is possible that something has slipped and what the computer thinks is

> > > the capacitor's minimum and maximum positions are no longer true.

> > > I haven't actually ever had my tuner apart so I'm just kind of guessing

> > > here. It seems the only way you couldn't get a 1:1 SWR with the tuner

> > into a

> > > dummy load would be if one of the tuning caps wasn't going through its

> > whole

> > > range. Either that or there is something wrong with the SWR bridge

> > circuitry

> > > also.

> > >

> > > You probably know this, but make sure your power output is at
least 10

> > > watts, too.

> > >

> > > 73, Zack W9SZ

> > >

> > >

> > > On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@> wrote:

> > >

> > > >

> > > > >

> > > > > Hi Zack:

> > > > >

> > > > > Thank you for your feedback.

> > > > > Last night, I tested few steps.

> > > > > First, I manually turned the left side capacitor (VC2) so I
could view

> > it

> > > > > easily. It would help me on the next thing.

> > > > > Secondly, I reset it to the automatic mode. Then I cleared
all memories

> > so

> > > > > I didn't have any presetting on SWR.

> > > > > Thirdly, when I turned it on again the VC2's motor actually
TURNED

> > > > > automatically and stayed at the "opening".

> > > > > I assumed now the VC2's motor is working properly. However,
the signal

> > was

> > > > incorrectly sent and wouldn't move the motor to automatically tune the

> > > > tuner. The VC1 works just fine.

> > > >

> > > > In addition, when I manually turned the tuner I could NOT adjust it to

> > > > lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?

> > > >

> > > > Any hints would be greatly appreciated. Thank you.

> > > >

> > > > 73

> > > > Trung W6TN

> > > >

> > > >

> > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%

> > 40yahoogroups.com>,

> > > > Zack Widup <w9sz.zack@> wrote:

> > > > >

> > > > > Hmm ... that may be an indication of why you're having trouble with

> > it

> > > > > tuning in auto mode. Looks like the left side capacitor motor or

> > control

> > > > > circuitry is not working.

> > > > >

> > > > > 73, Zack W9SZ

> > > > >

> > > > > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@> wrote:

> > > > >

> > > > > >

> > > > > >

> > > > > >

> > > > > > Hi Ron:

> > > > > > Thank you for your suggestion.

> > > > > > I found out now that I can manually turn both the left
side

> > variable

> > > > > > capacitor with the VFO knob and the right side variable
capacitor

> > with

> > > > the

> > > > > > MAIN knob. But when I put it into the automatic tuning
mode the

> > left

> > > > side

> > > > > > capacitor would not move. I don't know whether the motor
for that

> > > > capacitor

> > > > > > did turn or not. Any hints?

> > > > > >

> > > > > > BTW, I had a full output into a dummy load when I turned
off the

> > tuner.

> > > > I

> > > > > > can crank up the CAR to have that maximum output. It
still didn't

> > move

> > > > that

> > > > > > variable capacitor at all in the automatic tuning mode.

> > > > > >

> > > > > >

> > > > > > Thank you

> > > > > > 73

> > > > > > Trung W6TN

> > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%
40yahoogroups.com>

> > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%

> >

> > > > 40yahoogroups.com>,

> > > >

> > > > > > "ag1pct" <ronpotter@> wrote:

> > > > > > >

> > > > > > > May I assume you have CAR front panel control set
correctly? Mine

> > is

> > > > set

> > > > > > at 6.

> > > > > > >

> > > > > > > 73

> > > > > > > Ron - AG1P

> > > > > > >

> > > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%
40yahoogroups.com>

> > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%

> >

> > > > 40yahoogroups.com>,

> > > >

> > > > > > "nonenv" <nonenv@> wrote:

> > > > > > > >

> > > > > > > > Hi all:

> > > > > > > > I just recently bought a TS-850S with a built-in
antenna tuner.

> > And

> > > > the

> > > > > > tuner can't tune on any band or a dummy load.

> > > > > > > > After using a manual tuning mode described on the
manual's page

> > 30,

> > > > I

> > > > > > found that the main knob can turn the right side
capacitor, but the

> > VFO

> > > > knob

> > > > > > can NOT turn the left side capacitor. I can hear the
motor running.

> > > > > > > > Is this a stuck or frozen capacitor? I already opened
up the

> > tuner

> > > > unit

> > > > > > and want to find out how to fix it. I didn't see any
burned coil or

> > > > other

> > > > > > obvious problem. Should I wiggle the capacitor while the
motor is

> > > > running?

> > > > > > Any hep is greatly appreciated. Thank you.

> > > > > > > > >

> > > > > > > > > 73

> > > > > > > > > Trung W6TN

> > > > > > > > >

> > > > > > > >

> > > > > >

> > > > > >

> > > > > >

> > > > >

> > > > >

> > > > > [Non-text portions of this message have been removed]

> > > > >

> > > >

> > > >

> > > >

> > >

> > >

> > [Non-text portions of this message have been removed]

> >

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

Supera i limiti: raddoppia la velocità da 10 a 20 Mega! Risparmia con Tutto Incluso: telefono + adsl 20 mega a soli 29,95 € al mese per due anni!SCONTO DI 240 EURO!http://abbonati.tiscali.it/telefono-adsl/prodotti/tc/tuttoincluso/?WT.mc_id=01fw

10211. thinking about cleaning shack

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 15:19:17 UTC
From: Anthony W. DePrato
Topic: 10206 Message: 10211

last week i sold one of my bought new by me. ts850sat's with 1.8, 500 ,and 250 filters.. that leaves me with an 850sat, 870s, ts950sd and ts790s on the op desk. i do not think i am going to unbox the other ts950sd as i have ran out of room with 4 rigs and 4 amps.
i have a boxed ts950sd with both 500 1.8 and 250 filters. i bought it for my mom WA4RTJ sk. she used it maybe a dozen times. Kenwood contacted me about a bias update they needed to make on both of my 950sd's so they were sent back to the factory and all the updates were installed. mom became an SK before i got it back and i just never opened it.
i need to make a list of what i have as i think i may have some NIB DR units for the 850 and 950's also some filters. where would be a good place to find out the fair market value for this rig.?

73 Tony wa4jqs/vp8bzl

10212. Re: IC8 on IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 16:35:52 UTC
From: avvidclif
Topic: 10208 Message: 10212

In my service manual IC-8 is an AN612. It is not socketed but soldered to the board. If missing there would be no SSB Tx audio as that is the Balanced Modulator. I see that IC1 is a PC1037HA which is used as the Product Detector for SSB Rx.

????

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi
> I'm working trying to get my 2nd TS-450SAT working better. On the IF board
> there is a socket labeled IC8.
>
> What is supposed to go in there? On one of my '450's there is a black part
> plugged into it and on my other one, there is nothing plugged in.
>
> I think in the service manual it is probably part number uPC1037HA. If that
> is the part, are they still available. The radio seems to work without it.
> 73 and thanks
> Tom W7WHY
>

10213. Re: [TS-850_450_690] thinking about cleaning shack

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 16:50:46 UTC
From: W8HW
Topic: 10206 Message: 10213

If the price is right, I might be interested.

73, Bruce, W8HW, w8hw@...
IF it transmits, I can fix it...

----- Original Message -----
From: Anthony W. DePrato
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 16, 2011 10:19 AM
Subject: [TS-850_450_690] thinking about cleaning shack

last week i sold one of my bought new by me. ts850sat's with 1.8, 500
,and 250 filters.. that leaves me with an 850sat, 870s, ts950sd and
ts790s on the op desk. i do not think i am going to unbox the other
ts950sd as i have ran out of room with 4 rigs and 4 amps.
i have a boxed ts950sd with both 500 1.8 and 250 filters. i bought it
for my mom WA4RTJ sk. she used it maybe a dozen times. Kenwood
contacted me about a bias update they needed to make on both of my
950sd's so they were sent back to the factory and all the updates
were installed. mom became an SK before i got it back and i just
never opened it.
i need to make a list of what i have as i think i may have some NIB
DR units for the 850 and 950's also some filters. where would be a
good place to find out the fair market value for this rig.?

73 Tony wa4jqs/vp8bzl

[Non-text portions of this message have been removed]

10214. Re: [TS-850_450_690] Re: IC8 on IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 19:47:57 UTC
From: Tom Osborne
Topic: 10208 Message: 10214

Hi Cliff

Yes, you're right. It is a AN612. I was just looking at the picture on the parts list. But, it is a plug in to socket IC8.

Someone had added a bunch of stuff where that AN612 plugs in. It had a board with the AN612 and another dual inline IC (I can't make out the number as it's worn off) and a transistor. That had a 2-wire cable that went to another board over by the filters with a bunch of parts on it. That had a 2-wire cable that plugged into CN2 and a wire going to a resistor labeled L1. I've disconnected all that stuff as my other FT-450 does not have that.

There was an AN612 on that board that was plugged into and I unsoldered it, but when I plugged it into the socket, the transmit audio doesn't work, so I'd guess I need a new one of those.

My biggest problem I've been working on is lack of sensitivity. On my good FT-450 a signal can be S-9 and on the other one it is S-3.

Now I need to see if I can get another AN612 somewhere. I see them on line but most have a minimum order of $250 or so. Thanks and 73
Tom W7WHY

In my service manual IC-8 is an AN612. It is not socketed but soldered to the board. If missing there would be no SSB Tx audio as that is the Balanced Modulator. I see that IC1 is a PC1037HA which is used as the Product Detector for SSB Rx.

????

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi
> I'm working trying to get my 2nd TS-450SAT working better. On the IF
> board
> there is a socket labeled IC8.
>
> What is supposed to go in there? On one of my '450's there is a black
> part
> plugged into it and on my other one, there is nothing plugged in.
>
> I think in the service manual it is probably part number uPC1037HA. If
> that
> is the part, are they still available. The radio seems to work without
> it.

> 73 and thanks
> Tom W7WHY
>

10215. TS-850 low power on 160 an 10m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-16 21:06:46 UTC
From: Tomasz Pedowski
Topic: 10215 Message: 10215

hello, i have problem with my ts850. it has low power on 1.8mhz and 28mhz. it around 60w and no alc indicator. on other bands 3.5 til 24mhz its working okey with 90-95watts. the receiver is ok.

its s/n 3... and has alld dds changed.

whats the problem ? can any one help me ? is it normal that alc is dropping down while i increase power ?

iam new one to 850s.
--
tom, sp5ets

[Non-text portions of this message have been removed]

10216. Re: IC8 on IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-17 01:04:59 UTC
From: avvidclif
Topic: 10208 Message: 10216

What's wrong with Kenwood Parts? Less than $10

Probably ESSB mods were I to guess.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Cliff
>
> Yes, you're right. It is a AN612. I was just looking at the picture on the
> parts list. But, it is a plug in to socket IC8.
>
> Someone had added a bunch of stuff where that AN612 plugs in. It had a
> board with the AN612 and another dual inline IC (I can't make out the number
> as it's worn off) and a transistor. That had a 2-wire cable that went to
> another board over by the filters with a bunch of parts on it. That had a
> 2-wire cable that plugged into CN2 and a wire going to a resistor labeled
> L1. I've disconnected all that stuff as my other FT-450 does not have that.
>
> There was an AN612 on that board that was plugged into and I unsoldered it,
> but when I plugged it into the socket, the transmit audio doesn't work, so
> I'd guess I need a new one of those.
>
> My biggest problem I've been working on is lack of sensitivity. On my good
> FT-450 a signal can be S-9 and on the other one it is S-3.
>
> Now I need to see if I can get another AN612 somewhere. I see them on line
> but most have a minimum order of $250 or so. Thanks and 73
> Tom W7WHY
>
>
>
>
> In my service manual IC-8 is an AN612. It is not socketed but soldered to
> the board. If missing there would be no SSB Tx audio as that is the Balanced
> Modulator. I see that IC1 is a PC1037HA which is used as the Product
> Detector for SSB Rx.
>
> ????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Hi

> > I'm working trying to get my 2nd TS-450SAT working better. On the IF
> > board
> > there is a socket labeled IC8.
> >
> > What is supposed to go in there? On one of my '450's there is a black
> > part
> > plugged into it and on my other one, there is nothing plugged in.
> >
> > I think in the service manual it is probably part number uPC1037HA. If
> > that
> > is the part, are they still available. The radio seems to work without
> > it.
> > 73 and thanks
> > Tom W7WHY
> >
>

10217. Re: [TS-850_450_690] Re: IC8 on IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-17 02:46:55 UTC
From: Tom Osborne
Topic: 10208 Message: 10217

Hi Clif

Got it ordered.
Thanks and 73
Tom W7WHY

What's wrong with Kenwood Parts? Less than $10

Probably ESSB mods were I to guess.

Clif

10218. Re: thinking about cleaning shack

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-17 19:28:04 UTC
From: k4zot
Topic: 10206 Message: 10218

I would be interested in any filters or accessories for the TS-850.

Thanks,

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, "W8HW" <w8hw@...> wrote:
>
> If the price is right, I might be interested.
>
> 73, Bruce, W8HW, w8hw@...
> IF it transmits, I can fix it...
>
> ----- Original Message -----
> From: Anthony W. DePrato
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, February 16, 2011 10:19 AM
> Subject: [TS-850_450_690] thinking about cleaning shack
>
>
>
> last week i sold one of my bought new by me. ts850sat's with 1.8, 500
> ,and 250 filters.. that leaves me with an 850sat, 870s, ts950sd and
> ts790s on the op desk. i do not think i am going to unbox the other
> ts950sd as i have ran out of room with 4 rigs and 4 amps.
> i have a boxed ts950sd with both 500 1.8 and 250 filters. i bought it
> for my mom WA4RTJ sk. she used it maybe a dozen times. Kenwood
> contacted me about a bias update they needed to make on both of my
> 950sd's so they were sent back to the factory and all the updates
> were installed. mom became an SK before i got it back and i just
> never opened it.
> i need to make a list of what i have as i think i may have some NIB
> DR units for the 850 and 950's also some filters. where would be a
> good place to find out the fair market value for this rig.?
>
> 73 Tony wa4jqs/vp8bzl
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10219. Re: thinking about cleaning shack

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-18 02:05:38 UTC
From: Bryan
Topic: 10206 Message: 10219

Tony WA4JQS/VP8BZL wrote:
>
> last week i sold one of my bought new by me. ts850sat's with 1.8, 500
> ,and 250 filters.. that leaves me with an 850sat, 870s, ts950sd and
> ts790s on the op desk. i do not think i am going to unbox the other
> ts950sd as i have ran out of room with 4 rigs and 4 amps.
> i have a boxed ts950sd with both 500 1.8 and 250 filters. i bought it
> for my mom WA4RTJ sk. she used it maybe a dozen times. Kenwood
> contacted me about a bias update they needed to make on both of my
> 950sd's so they were sent back to the factory and all the updates
> were installed. mom became an SK before i got it back and i just
> never opened it.
> i need to make a list of what i have as i think i may have some NIB
> DR units for the 850 and 950's also some filters. where would be a
> good place to find out the fair market value for this rig.?
>
> 73 Tony wa4jqs/vp8bzl
>
Hi Tony,

It's a tough call. As far as I know, there's no such thing as a "Blue Book" for used ham rigs. Fair value will depend on condition, options, desirability, and other factors. I suggest you look at the recent listings on QRZ, Eham, and QTH, as well as eBay.

For eBay, you can look at current listings without signing in but that won't tell you what a rig actually sold for. The trick is to sign in and do a search for the item and select the "Completed Auctions" option. What I can tell you is, all of those rigs are still highly regarded and desirable.

vy 73,
Bryan WA7PRC

10220. TS-450S Menu Option 19

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-18 06:06:57 UTC
From: k7zs
Topic: 10220 Message: 10220

My never ending TS-450S project continues. It goes for a week working fine, then it goes back to not going into transmit. Moody little sucker.

I have discovered an anomaly in troubleshooting this. When I try to toggle the menu option #19 (transmit inhibit) from OFF (default, transmit OK) to ON (to make the radio incapable of going into transmit), the receiver audio mutes. If I press CLR still no audio. Power cycle the radio, the radio stays muted. If I again go into the menu mode, and turn option 19 from ON back to OFF, the receive audio returns.

The radio is currently in it's 'no transmit' funk, I have not tried this when the radio is functioning normally.

Is there a correlation? I have performed processor reset etc. No change in this behavior.

Any clues out there?

73 Kevin K7ZS

10221. TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 15:41:55 UTC
From: fyrmandan56
Topic: 10221 Message: 10221

Hello group....I'm a newbie here...Thanx for allowing me to join!
My TS 850SAT, was working fine until recently when I noticed that I am recieving the same stations equally well on both USB and LSB. No amount of tuning/filtering/etc, will allow me to confirm whether the station is on LSB or USB.The ONLY time that I can determine if a stion is U or L is if that signal is very VERY weak.
My TX is fine and does not appear to have the same issue (confirmed by other stations)so it appears to be an issue on the RX side.
I have posted this on the other "repair" group and did get a reply from Jose....but was hoping to catch a few more readers on this forum.Also found that at least one other operator (Don) is having the same issue with RX on his 850.
Any help/advice would sure be great.....Thanx.....Dan

10222. TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 17:27:44 UTC
From: Ausbin
Topic: 5989 Message: 10222

I lost all of my audio output from the rig today. It shows on the meter that it is receiving plus it will transmit. The audio went out when I was calling a station. All I hear from any of the audio outputs is a click when I release the push to talk button. Have reveiwed all setting and can not find anything wrong with them. The only thing I've done to the rig is to install another SSB filter. Any ideas.

10223. Re: TS-690S - No Audio- Update

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 18:54:56 UTC
From: Ausbin
Topic: 5989 Message: 10223

Add: Notice when I turn the power supply (Kenwood PS-30) off and the voltage decays my audio came back on for around a second until the voltage drop below a certain level. I replace the power supply with another unit and the rig is back working. Will now check to see what is wrong with the power supply.

--- In TS-850_450_690@yahoogroups.com, "Ausbin" <k5zrr@...> wrote:
>
> I lost all of my audio output from the rig today. It shows on the meter that it is receiving plus it will transmit. The audio went out when I was calling a station. All I hear from any of the audio outputs is a click when I release the push to talk button. Have reveiwed all setting and can not find anything wrong with them. The only thing I've done to the rig is to install another SSB filter. Any ideas.
>

10224. capacitor list for rework TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 19:25:37 UTC
From: joe
Topic: 10224 Message: 10224

Hi all
I did a list for capacitor rework.
http://www.conrad.at/ce/de/ShoppingList.html?view&id=02375abd4db49590ba4674593e34f57e
Its in German but I think its including all capacitors including CAR pcb.
what do you think about?
tnx 73 Joe

10225. Re: [TS-850_450_690] TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 20:02:34 UTC
From: Tom Osborne
Topic: 5989 Message: 10225

Hi

Your squelch did get turned up, did it? 73
Tom W7WHY

I lost all of my audio output from the rig today. It shows on the meter that it is receiving plus it will transmit. The audio went out when I was calling a station. All I hear from any of the audio outputs is a click when I release the push to talk button. Have reveiwed all setting and can not find anything wrong with them. The only thing I've done to the rig is to install another SSB filter. Any ideas.

10226. Re: [TS-850_450_690] TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 20:12:54 UTC
From: Tom Osborne
Topic: 5989 Message: 10226

Oops, I meant 'Didn't' not 'did'. 73
Tom W7WHY

> Hi
>
> Your squelch did get turned up, did it? 73
> Tom W7WHY
>
>
>
> I lost all of my audio output from the rig today. It shows on the meter
> that it is receiving plus it will transmit. The audio went out when I was
> calling a station. All I hear from any of the audio outputs is a click
> when
> I release the push to talk button. Have reveiwed all setting and can not
> find anything wrong with them. The only thing I've done to the rig is to
> install another SSB filter. Any ideas.
>
>
>

10227. RE: [TS-850_450_690] TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 20:41:53 UTC
From: Dave Gmail
Topic: 5989 Message: 10227

Try taking out the filter...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: February-22-11 3:13 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690S

Oops, I meant 'Didn't' not 'did'. 73
Tom W7WHY

> Hi
>
> Your squelch did get turned up, did it? 73
> Tom W7WHY
>
>
>
> I lost all of my audio output from the rig today. It shows on the meter
> that it is receiving plus it will transmit. The audio went out when I was
> calling a station. All I hear from any of the audio outputs is a click
> when
> I release the push to talk button. Have reveiwed all setting and can not
> find anything wrong with them. The only thing I've done to the rig is to
> install another SSB filter. Any ideas.
>
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10228. Re: TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-22 23:07:59 UTC
From: cintrans
Topic: 10221 Message: 10228

Dan

I dont know how far the 850 is simular to the 450, but i had the same issue with my TS-450sat.

I my case the 6 K filter was shorted out, i could hear (like you) the stations with the same clarity and strenght switching from USB to LSB, plus strong stations were very wide...

The filter is absolete at Kenwood, so i ended up just removing it. I only have the 12 K and 2.4 K left now, but the RX works FB again...

73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@...> wrote:
>
> Hello group....I'm a newbie here...Thanx for allowing me to join!
> My TS 850SAT, was working fine until recently when I noticed that I am recieving the same stations equally well on both USB and LSB. No amount of tuning/filtering/etc, will allow me to confirm whether the station is on LSB or USB.The ONLY time that I can determine if a stion is U or L is if that signal is very VERY weak.
> My TX is fine and does not appear to have the same issue (confirmed by other stations)so it appears to be an issue on the RX side.
> I have posted this on the other "repair" group and did get a reply from Jose....but was hoping to catch a few more readers on this forum.Also found that at least one other operator (Don) is having the same issue with RX on his 850.
> Any help/advice would sure be great.....Thanx.....Dan
>

10229. Re: TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 00:20:11 UTC
From: Scott
Topic: 10221 Message: 10229

Maybe the filter exchange is opened up in the "secret menu" Scott

--- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@...> wrote:
>
> Hello group....I'm a newbie here...Thanx for allowing me to join!
> My TS 850SAT, was working fine until recently when I noticed that I am recieving the same stations equally well on both USB and LSB. No amount of tuning/filtering/etc, will allow me to confirm whether the station is on LSB or USB.The ONLY time that I can determine if a stion is U or L is if that signal is very VERY weak.
> My TX is fine and does not appear to have the same issue (confirmed by other stations)so it appears to be an issue on the RX side.
> I have posted this on the other "repair" group and did get a reply from Jose....but was hoping to catch a few more readers on this forum.Also found that at least one other operator (Don) is having the same issue with RX on his 850.
> Any help/advice would sure be great.....Thanx.....Dan
>

10230. Re: [TS-850_450_690] Re: TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 00:29:56 UTC
From: Daniel Raney
Topic: 10221 Message: 10230

Jean-Pierre...YUP!!, You seem to be correct! If I switch off the 6K filter, I can then distinguish if the stations are on LSB or USB!
May I write to you outside of this forum? I have some really rookie questions and I don't want to clog up this site with them. I promise to post anything that I think is advantages to this site.
Here is my addy : fyrmandan@...
Thanx J-P !!!!

-----Original Message-----
From: cintrans <p43a@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Feb 22, 2011 3:08 pm
Subject: [TS-850_450_690] Re: TS 850 Won't seperate USB-LSB on RX

Dan
I dont know how far the 850 is simular to the 450, but i had the same issue with
y TS-450sat.
I my case the 6 K filter was shorted out, i could hear (like you) the stations
ith the same clarity and strenght switching from USB to LSB, plus strong
tations were very wide...
The filter is absolete at Kenwood, so i ended up just removing it. I only have
he 12 K and 2.4 K left now, but the RX works FB again...
73's de P43A, Jean-Pierre

-- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@...> wrote:

Hello group....I'm a newbie here...Thanx for allowing me to join!
My TS 850SAT, was working fine until recently when I noticed that I am
ecieving the same stations equally well on both USB and LSB. No amount of
uning/filtering/etc, will allow me to confirm whether the station is on LSB or
SB.The ONLY time that I can determine if a stion is U or L is if that signal is
ery VERY weak.
My TX is fine and does not appear to have the same issue (confirmed by other
tations)so it appears to be an issue on the RX side.
I have posted this on the other "repair" group and did get a reply from
ose....but was hoping to catch a few more readers on this forum.Also found that
t least one other operator (Don) is having the same issue with RX on his 850.
Any help/advice would sure be great.....Thanx.....Dan

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10231. Re: [TS-850_450_690] Re: TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 00:38:51 UTC
From: Daniel Raney
Topic: 10221 Message: 10231

Scott, I think you guys are all on to something within the filters! You know, I DID just install a new battery on this thing. Did it / could it, have reset to a default.....or something?
By "secret menu" is this the same as the "hidden menu" that I've read about?
OK now, what is the proper filter settings once I check out this menu?
You guys are awesome! I have had 3 responses to my crisis (hi hi) and ALL have pointed back to the filters!

Why am I starting to feel that good 'ol "newbie blush"?

-----Original Message-----
From: Scott <johndeeredman@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Feb 22, 2011 4:20 pm
Subject: [TS-850_450_690] Re: TS 850 Won't seperate USB-LSB on RX

Maybe the filter exchange is opened up in the "secret menu" Scott

--- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@...> wrote:

Hello group....I'm a newbie here...Thanx for allowing me to join!
My TS 850SAT, was working fine until recently when I noticed that I am
ecieving the same stations equally well on both USB and LSB. No amount of
uning/filtering/etc, will allow me to confirm whether the station is on LSB or
SB.The ONLY time that I can determine if a stion is U or L is if that signal is
ery VERY weak.
My TX is fine and does not appear to have the same issue (confirmed by other
tations)so it appears to be an issue on the RX side.
I have posted this on the other "repair" group and did get a reply from
ose....but was hoping to catch a few more readers on this forum.Also found that
t least one other operator (Don) is having the same issue with RX on his 850.
Any help/advice would sure be great.....Thanx.....Dan

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10232. Re: TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 03:35:01 UTC
From: Scott
Topic: 10221 Message: 10232

Yes, the hidden menu is what I am talking about. Turning the filter exchange on gives you better TX audio and on my rig makes the ssb do the same thing as you are talking about. When I turn it off, then you can tell the diff between usb and lsb.

--- In TS-850_450_690@yahoogroups.com, Daniel Raney <fyrmandan@...> wrote:
>
>
> Scott, I think you guys are all on to something within the filters! You know, I DID just install a new battery on this thing. Did it / could it, have reset to a default.....or something?
> By "secret menu" is this the same as the "hidden menu" that I've read about?
> OK now, what is the proper filter settings once I check out this menu?
> You guys are awesome! I have had 3 responses to my crisis (hi hi) and ALL have pointed back to the filters!
>
> Why am I starting to feel that good 'ol "newbie blush"?
>
>
>
>
>
>
>
> -----Original Message-----
> From: Scott <johndeeredman@...>
> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
> Sent: Tue, Feb 22, 2011 4:20 pm
> Subject: [TS-850_450_690] Re: TS 850 Won't seperate USB-LSB on RX
>
>
> Maybe the filter exchange is opened up in the "secret menu" Scott
>
> --- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@> wrote:
>
> Hello group....I'm a newbie here...Thanx for allowing me to join!
> My TS 850SAT, was working fine until recently when I noticed that I am
> ecieving the same stations equally well on both USB and LSB. No amount of
> uning/filtering/etc, will allow me to confirm whether the station is on LSB or
> SB.The ONLY time that I can determine if a stion is U or L is if that signal is
> ery VERY weak.
> My TX is fine and does not appear to have the same issue (confirmed by other
> tations)so it appears to be an issue on the RX side.
> I have posted this on the other "repair" group and did get a reply from
> ose....but was hoping to catch a few more readers on this forum.Also found that
> t least one other operator (Don) is having the same issue with RX on his 850.

> Any help/advice would sure be great.....Thanx.....Dan
>
>
>
> ---
> THANKS FOR USING TS-850_450_690@...! Groups Links
> Individual Email | Traditional
> http://docs.yahoo.com/info/terms/
>
>
>
>
> [Non-text portions of this message have been removed]
>

10233. RE: [TS-850_450_690] TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 15:38:34 UTC
From: Ausbin Pippin
Topic: 5989 Message: 10233

Found out that it was something that went wrong with the power supply. I was using a Kenwood PS-30 with the rig and once I change the power supply out the rig works fine. Have not had time to take a look at the PS-30 yet. Thanks for all of the help.

--- On Tue, 2/22/11, Dave Gmail <ve3wej@...> wrote:

From: Dave Gmail <ve3wej@...>
Subject: RE: [TS-850_450_690] TS-690S
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 22, 2011, 8:41 PM

Try taking out the filter...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Osborne
Sent: February-22-11 3:13 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690S

Oops, I meant 'Didn't' not 'did'. 73
Tom W7WHY

> Hi
>
> Your squelch did get turned up, did it? 73
> Tom W7WHY
>
>
>
> I lost all of my audio output from the rig today. It shows on the meter
> that it is receiving plus it will transmit. The audio went out when I was
> calling a station. All I hear from any of the audio outputs is a click
> when
> I release the push to talk button. Have reveiwed all setting and can not
> find anything wrong with them. The only thing I've done to the rig is to
> install another SSB filter. Any ideas.
>
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10234. ts-850 and digimaster pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 06:18:51 UTC
From: jesse
Topic: 10234 Message: 10234

Hello group would like to know if anybody has any expertise on operating a ts-850 with dsp-100 and a digimaster pro+.. Do you need to disconnect the dsp in order to use the digimaster.. I contacted zlp but could not help.
Thanks in advance..
De KC5MAH

10235. serial # for a ts-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-23 16:55:06 UTC
From: yash@aol.com
Topic: 10235 Message: 10235

I just picked up a beautiful TS-850 with a high 60 million serial number. I remember that the early rigs had some problems with several chips and some of the small electrolytic caps and a few other problems. With my rig being at the end of the production run ,did some of these problems disappear ,in the latter 850's? or show up thru the entire production?
thanks
dale wt4t

[Non-text portions of this message have been removed]

10236. Re: TS 850 Won't seperate USB-LSB on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-24 00:27:00 UTC
From: cintrans
Topic: 10221 Message: 10236

Dan

Not a problem, i'll see where i can help you with your questions.

I am however a Yaesu guy, the TS-450Sat is the only Kenwood i ever owned and came to me as a part of an estate where i wanted the complete FT-102 line from but had to be bought as a complete lot....
BTW, the TS-450 came allso as a complete line including the DSP-100 and even the mobile bracket!!

73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, Daniel Raney <fyrmandan@...> wrote:
>
>
> Jean-Pierre...YUP!!, You seem to be correct! If I switch off the 6K filter, I can then distinguish if the stations are on LSB or USB!
> May I write to you outside of this forum? I have some really rookie questions and I don't want to clog up this site with them. I promise to post anything that I think is advantages to this site.
> Here is my addy : fyrmandan@...
> Thanx J-P !!!!
>
>
>
>
>
> -----Original Message-----
> From: cintrans <p43a@...>
> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
> Sent: Tue, Feb 22, 2011 3:08 pm
> Subject: [TS-850_450_690] Re: TS 850 Won't seperate USB-LSB on RX
>
>
> Dan
> I dont know how far the 850 is simular to the 450, but i had the same issue with
> y TS-450sat.
> I my case the 6 K filter was shorted out, i could hear (like you) the stations
> ith the same clarity and strenght switching from USB to LSB, plus strong
> tations were very wide...
> The filter is absolete at Kenwood, so i ended up just removing it. I only have
> he 12 K and 2.4 K left now, but the RX works FB again...
> 73's de P43A, Jean-Pierre
>
> -- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@> wrote:
>

> Hello group....I'm a newbie here...Thanx for allowing me to join!
> My TS 850SAT, was working fine until recently when I noticed that I am
> ecieving the same stations equally well on both USB and LSB. No amount of
> uning/filtering/etc, will allow me to confirm whether the station is on LSB or
> SB.The ONLY time that I can determine if a stion is U or L is if that signal is
> ery VERY weak.
> My TX is fine and does not appear to have the same issue (confirmed by other
> tations)so it appears to be an issue on the RX side.
> I have posted this on the other "repair" group and did get a reply from
> ose....but was hoping to catch a few more readers on this forum.Also found that
> t least one other operator (Don) is having the same issue with RX on his 850.
> Any help/advice would sure be great.....Thanx.....Dan
>
>
>
> ------------------------------------
> THANKS FOR USING TS-850_450_690@...! Groups Links
> Individual Email | Traditional
> http://docs.yahoo.com/info/terms/
>
>
>
>
> [Non-text portions of this message have been removed]
>

10237. re: TS-450S & PSK31 = LOW POWER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-25 03:23:06 UTC
From: phil_stanley
Topic: 10237 Message: 10237

Hello - Using TS-450S on PSK31 and getting only 10-15 W before I start to overdrive - using scope to monitor RF. Shouldn't I be able to get more power without overdriving? Any comments/advice would be appreciated!

SET-UP:
TS-450S; MIC = 8 o'clock, PWR= FULL CW, PROC = OFF, NO ALC when xmiting.
SIGNALINK: TX = 10 o'clock, MASTER Volume = 90%, WAVE = 40%
S/W: HRD & DM780 v5.0

Is there a programmable MIC setting in TS-450S that I need to change??

hmmmmm ?

73
Phil
KD2XN

10238. TS850 Box

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-25 17:37:10 UTC
From: k7cu
Topic: 10238 Message: 10238

Does anyone have an original TS850 box that he/she would be willing to part with?
Curt k7cu@...

10239. which serial numbers are affected by leaking caps?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-26 18:57:01 UTC
From: joe
Topic: 10239 Message: 10239

Today a did a partial rework (CAR,DISPLAY,DIGITAL,DC) of the capacitors.
no one was leaking at all, but now its done and my eyes could be getting weaker in the future.
Are there any experinces which serial number have the faulty caps, or are all affected?
tnx
73 Joe

10240. Re: TS-850 antenna tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-26 18:52:05 UTC
From: joe
Topic: 8848 Message: 10240

In automatic mode the tuner doesnt switch off, in manual it works well and switch off.

Any ideas?
tnx

--- In TS-850_450_690@yahoogroups.com, JOHN WOLFE <wa0bnz@...> wrote:
>
>
> JOEÂ CHECK THE SETUP MENU ITEMS FOR THE ONE THAT KEEPS THE TURNER ACTIVE. IF THE BATTERY WENT DOWN,Â THE SYSTEM MICRO MAY NEED TO BE RESET AND SETUP AGAIN.
> CHECK YOUR USERS MANUAL ON HOW TO GET ACCESS TO THE MENU SETUP.
>
> 73, JOHN
> --- On Mon, 2/14/11, joe <oe3jtb@...> wrote:
>
> From: joe <oe3jtb@...>
> Subject: [TS-850_450_690] Re: TS-850 antenna tuner not working
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, February 14, 2011, 11:21 AM
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
> Hi
>
> was this problem solved finally? One OM and me have the same problem,
>
> in automatic mode the SWR lowers to 1:1,1, but the tuner does not switch off automaticlly.
>
> tn xJOe
>

>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@> wrote:
>
> >
>
> > OK. It could be that the microcontroller circuit is bad. I haven't done
>
> > anything with the ATU circuit so I am not sure how to track it down. You
>
> > probably need an oscilloscope. I'll look at the service manual.
>
> >
>
> > If thw SWR meter on the radio shows 1:1 when you're transmitting into a
>
> > dummy load with the tuner out of the circuit ("THRU") and shows something
>
> > else when you're going into an antenna, I'd say it is OK.
>
> >
>
> > 73, Zack W9SZ
>
> >
>
> > On Sat, Feb 6, 2010 at 10:35 PM, nonenv <nonenv@> wrote:
>
> >
>
> > >
>
> > >
>
> > > Hi Zack:
>
> > > Thank you for staying with me.
>
> > > Here are what I found so far:
>
> > > 1. Both VC1 and VC2 can be manually turned by the main knob and VFO knob
>
> > > respectively in the manual tuning mode.
>
> > > 2. Only VC1 can be turned automatically in the auto mode.
>
> > > 3. Both VC1 and VC2 can be automatically reset when reset (clear A=B) mode
>
> > > is entered.
>

> > >
>
> > > I replaced the battery in the digital board as few suggested. However, the
>
> > > problem where VC2 can NOT be automatically turned is still there.
>
> > >
>
> > > I think the signal sent by the "microprocessor" from the digital board is
>
> > > not correct but I have no way to check it. At this moment I have no
>
> > > solution.
>
> > >
>
> > > The VC1 and VC2 as designed they don't turn a full circle. They will turn
>
> > > one direction then reverse its direction as designed.
>
> > >
>
> > > How do you check the SWR circuitry?
>
> > >
>
> > >
>
> > > 73
>
> > > Trung W6TN
>
> > > --- In TS-850_450_690@yahoogroups.com <TS-850_450_690%40yahoogroups.com>,
>
> > > Zack Widup <w9sz.zack@> wrote:
>
> > > >
>
> > > > Interesting! First off, when you manually tune it now, can you tell if
>
> > > the
>
> > > > capacitor actually goes through its entire range when you rotate the
>
> > > > control?
>
> > > >
>
> > > > It is possible that something has slipped and what the computer thinks is
>

> > > > the capacitor's minimum and maximum positions are no longer true.
>
> > > > I haven't actually ever had my tuner apart so I'm just kind of guessing
>
> > > > here. It seems the only way you couldn't get a 1:1 SWR with the tuner
>
> > > into a
>
> > > > dummy load would be if one of the tuning caps wasn't going through its
>
> > > whole
>
> > > > range. Either that or there is something wrong with the SWR bridge
>
> > > circuitry
>
> > > > also.
>
> > > >
>
> > > > You probably know this, but make sure your power output is at least 10
>
> > > > watts, too.
>
> > > >
>
> > > > 73, Zack W9SZ
>
> > > >
>
> > > >
>
> > > > On Thu, Feb 4, 2010 at 8:23 AM, nonenv <nonenv@> wrote:
>
> > > >
>
> > > > >
>
> > > > >
>
> > > > > Hi Zack:
>
> > > > >
>
> > > > > Thank you for your feedback.
>
> > > > > Last night, I tested few steps.
>
> > > > > First, I manually turned the left side capacitor (VC2) so I could view
>

> > > it
>
> > > > > easily. It would help me on the next thing.
>
> > > > > Secondly, I reset it to the automatic mode. Then I cleared all memories
>
> > > so
>
> > > > > I didn't have any presetting on SWR.
>
> > > > > Thirdly, when I turned it on again the VC2's motor actually TURNED
>
> > > > > automatically and stayed at the "opening".
>
> > > > > I assumed now the VC2's motor is working properly. However, the signal
>
> > > was
>
> > > > > incorrectly sent and wouldn't move the motor to automatically tune the
>
> > > > > tuner. The VC1 works just fine.
>
> > > > >
>
> > > > > In addition, when I manually turned the tuner I could NOT adjust it to
>
> > > > > lower SWR <5 while I used a 50 ohm dummy load. What did I do wrong?
>
> > > > >
>
> > > > > Any hints would be greatly appreciated. Thank you.
>
> > > > >
>
> > > > > 73
>
> > > > > Trung W6TN
>
> > > > >
>
> > > > >
>
> > > > > --- In
TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com><TS-850_450_690%
>
> > > 40yahoogroups.com>,
>
> > > > > Zack Widup <w9sz.zack@> wrote:
>
> > > > > >

>
> > > > > > Hmm ... that may be an indication of why you're having trouble with
>
> > > it
>
> > > > > > tuning in auto mode. Looks like the left side capacitor motor or
>
> > > control
>
> > > > > > circuitry is not working.
>
> > > > > >
>
> > > > > > 73, Zack W9SZ
>
> > > > > >
>
> > > > > > On Wed, Feb 3, 2010 at 10:38 AM, nonenv <nonenv@> wrote:
>
> > > > > >
>
> > > > > > >
>
> > > > > > > >
>
> > > > > > > >
>
> > > > > > > >
>
> > > > > > > > Hi Ron:
>
> > > > > > > > Thank you for your suggestion.
>
> > > > > > > > I found out now that I can manually turn both the left side
>
> > > variable
>
> > > > > > > > capacitor with the VFO knob and the right side variable capacitor
>
> > > with
>
> > > > > > the
>
> > > > > > > > MAIN knob. But when I put it into the automatic tuning mode the
>
> > > left
>
> > > > > > side
>
> > > > > > > > capacitor would not move. I don't know whether the motor for that
>
> > > > > > capacitor

>
> > > > > > > did turn or not. Any hints?
>
> > > > > > > >
>
> > > > > > > > BTW, I had a full output into a dummy load when I turned off the
>
> > > tuner.
>
> > > > > I
>
> > > > > > > can crank up the CAR to have that maximum output. It still didn't
>
> > > move
>
> > > > > that
>
> > > > > > > variable capacitor at all in the automatic tuning mode.
>
> > > > > > > >
>
> > > > > > > >
>
> > > > > > > > Thank you
>
> > > > > > > > 73
>
> > > > > > > > Trung W6TN
>
> > > > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
>
> > > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
>
> > >
>
> > > > > 40yahoogroups.com>,
>
> > > > > >
>
> > > > > > > "ag1pct" <ronpotter@> wrote:
>
> > > > > > > > >
>
> > > > > > > > May I assume you have CAR front panel control set correctly? Mine
>
> > > is
>
> > > > > set
>
> > > > > > > at 6.

>
> > > > > > > > >
>
> > > > > > > > > 73
>
> > > > > > > > > > Ron - AG1P
>
> > > > > > > > > >
>
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com<TS-850_450_690%40yahoogroups.com>
>
> > > <TS-850_450_690%40yahoogroups.com><TS-850_450_690%
>
> > >
>
> > > > > 40yahoogroups.com>,
>
> > > > > >
>
> > > > > > > "nonenv" <nonenv@> wrote:
>
> > > > > > > > > >
>
> > > > > > > > > > Hi all:
>
> > > > > > > > > > I just recently bought a TS-850S with a built-in antenna tuner.
>
> > > And
>
> > > > > the
>
> > > > > > > tuner can't tune on any band or a dummy load.
>
> > > > > > > > > > After using a manual tuning mode described on the manual's page
>
> > > 30,
>
> > > > > I
>
> > > > > > > found that the main knob can turn the right side capacitor, but the
>
> > > VFO
>
> > > > > knob
>
> > > > > > > can NOT turn the left side capacitor. I can hear the motor running.
>
> > > > > > > > > > Is this a stuck or frozen capacitor? I already opened up the
>
> > > tuner

>
> > > > > unit
>
> > > > > > > and want to find out how to fix it. I didn't see any burned coil or
>
> > > > > other
>
> > > > > > > obvious problem. Should I wiggle the capacitor while the motor is
>
> > > > > running?
>
> > > > > > > Any hep is greatly appreciated. Thank you.
>
> > > > > > > > > >
>
> > > > > > > > > > 73
>
> > > > > > > > > > Trung W6TN
>
> > > > > > > > > >
>
> > > > > > > > >
>
> > > > > > > >
>
> > > > > > >
>
> > > > > > >
>
> > > > > > [Non-text portions of this message have been removed]
>
> > > > > >
>
> > > > > >
>
> > > > > >
>
> > > > > >
>
> > > > >
>
> > > > >
>
> > > > [Non-text portions of this message have been removed]
>
> > > > >

>
> > >
>
> > >
>
> > >
>
> >
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10241. Re: which serial numbers are affected by leaking caps?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-27 17:36:55 UTC
From: Alex
Topic: 10239 Message: 10241

Hi,

As for my experience, i rework or re-capacitor 2 TS850. I change almost 95% of electrolytic capacitors inside, the serial is a 60mil type, but i still found leaking capacitors even the later or last serial numbers.

Common leaks are on the board you have said, like CAR, Display, RX board or audio sectio area also the back up battery has a sign of leach. So if the radio is for keeps better re cap it will last another 10 yrs.

73
Alex

--- In TS-850_450_690@yahoogroups.com, "joe" <oe3jtb@...> wrote:
>
> Today a did a partial rework (CAR,DISPLAY,DIGITAL,DC) of the capacitors.
> no one was leaking at all, but now its done and my eyes could be getting weaker in the future.
> Are there any experinces which serial number have the faulty caps, or are all affected?
> tnx
> 73 Joe
>

10242. Display Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 01:58:32 UTC
From: Crownhaven
Topic: 10242 Message: 10242

I asked about this once before and no one had experienced this issue. I am noticing, on both of my 850s, that the edges of the little rectangles that display the frequency settings are not sharp. Basically, it looks like the light on the bottom line is going out and instead of a straight line across the bottom of the box, it is sort of scalloped, the scallop being black vs. the light. I only see this on this portion of the display.

Anyone else????????

Steve, N4JQQ

10243. wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-27 23:33:58 UTC
From: yash@aol.com
Topic: 10243 Message: 10243

Any one have a Demi TIB-850 board . Want to run a transverter with my ts-850.
thanks
dale wt4t

[Non-text portions of this message have been removed]

10244. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 14:31:46 UTC
From: Zack Widup
Topic: 10243 Message: 10244

Why not order one from DEM? They're only $25.

73, Zack W9SZ

On 2/27/11, yash@... <yash@...> wrote:
>
> Any one have a Demi TIB-850 board . Want to run a transverter with my
> ts-850.
> thanks
> dale wt4t
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

10245. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 14:40:56 UTC
From: yash@aol.com
Topic: 10243 Message: 10245

Zack
I called last week , she said they didnt have any left. Will call again and talk with someone who maybe knows more.
thanks
dale wt4t

-----Original Message-----
From: Zack Widup <w9sz.zack@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, Feb 28, 2011 9:31 am
Subject: Re: [TS-850_450_690] wanted a DEM TIB-850

Why not order one from DEM? They're only $25.

73, Zack W9SZ

On 2/27/11, yash@aol.com <yash@...> wrote:
>
> Any one have a Demi TIB-850 board . Want to run a transverter with my
> ts-850.
> thanks
> dale wt4t
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10246. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 15:14:32 UTC
From: Zack Widup
Topic: 10243 Message: 10246

Hi Dale,

Well gee, I wouldn't think they would be that popular an item. I might be wrong.

I bought one from Steve at Central States VHF Conference a couple years ago and have been using it with my 850. There are a couple things I might have done differently in the TIB-850 design but it does work great.

73, Zack W9SZ

On Mon, Feb 28, 2011 at 8:40 AM, <yash@...> wrote:

>
>
> Zack
> I called last week , she said they didnt have any left. Will call again and
> talk with someone who maybe knows more.
> thanks
> dale wt4t
>
>
> -----Original Message-----
> From: Zack Widup <w9sz.zack@gmail.com>
> To: TS-850_450_690@yahoogroups.com
> Sent: Mon, Feb 28, 2011 9:31 am
> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850
>
> Why not order one from DEM? They're only $25.
>
> 73, Zack W9SZ
>
> On 2/27/11, yash@... <yash@...> wrote:
> >
> > Any one have a Demi TIB-850 board . Want to run a transverter with my
> > ts-850.
> > thanks
> > dale wt4t
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10247. DRU-2 Board Brass Screws Wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 16:27:54 UTC
From: k4zot
Topic: 10247 Message: 10247

Can someone provide two of the small brass screws used to hold down the DRU-2 board under the TS-850 top door. I bought a DRU-2 with no screws. I will send you a SASE and $2.00 for the two screws. By the way, if anyone sees a DRU-2 for sale for a reasonable price grab it. These boards are really neat. I really enjoy just pushing a button to tranmit my call message during a DX pile-up. It works great.

Glenn - K4ZOT

10248. Re: [TS-850_450_690] DRU-2 Board Brass Screws Wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 16:34:31 UTC
From: condor@cox.net
Topic: 10247 Message: 10248

You can get brass screws at Home Depot, or any decent hardware store.

Paul - K2BK

On 2/28/2011 11:27 AM, k4zot wrote:
>
>
> Can someone provide two of the small brass screws used to hold down
> the DRU-2 board under the TS-850 top door. I bought a DRU-2 with no
> screws. I will send you a SASE and $2.00 for the two screws. By the
> way, if anyone sees a DRU-2 for sale for a reasonable price grab it.
> These boards are really neat. I really enjoy just pushing a button to
> tranmit my call message during a DX pile-up. It works great.
>
> Glenn - K4ZOT
>
> __._._._.

10249. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-02-28 21:27:52 UTC
From: Crownhaven
Topic: 10243 Message: 10249

I have a TIB-850. Contact me direct.

Steve, N4JQQ

On 2/28/2011 9:14 AM, Zack Widup wrote:
> Hi Dale,
>
> Well gee, I wouldn't think they would be that popular an item. I might be
> wrong.
>
> I bought one from Steve at Central States VHF Conference a couple years ago
> and have been using it with my 850. There are a couple things I might have
> done differently in the TIB-850 design but it does work great.
>
> 73, Zack W9SZ
>
>
> On Mon, Feb 28, 2011 at 8:40 AM,<yash@...> wrote:
>
>
>>
>> Zack
>> I called last week , she said they didnt have any left. Will call again and
>> talk with someone who maybe knows more.
>> thanks
>> dale wt4t
>>
>>
>> -----Original Message-----
>> From: Zack Widup<w9sz.zack@...>
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Mon, Feb 28, 2011 9:31 am
>> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850
>>
>> Why not order one from DEM? They're only $25.
>>
>> 73, Zack W9SZ
>>
>> On 2/27/11, yash@...<yash@...> wrote:
>>
>>> Any one have a Demi TIB-850 board . Want to run a transverter with my
>>> ts-850.
>>> thanks
>>> dale wt4t
>>>

>>>
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>

10250. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-01 00:27:38 UTC
From: yash@aol.com
Topic: 10243 Message: 10250

Steve
I down loaded the sheet on the tbI-850 from Demi, but they have no manual for download fron the sitr ,that I could find. Do you also have the write up for the board,as Iam not 100% understanding the setup. If your board is for sale ,what would the cost be?
thanks
dale wt4t

-----Original Message-----
From: Crownhaven <crownhaven@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, Feb 28, 2011 4:27 pm
Subject: Re: [TS-850_450_690] wanted a DEM TIB-850

I have a TIB-850. Contact me direct.

Steve, N4JQQ

On 2/28/2011 9:14 AM, Zack Widup wrote:
> Hi Dale,
>
> Well gee, I wouldn't think they would be that popular an item. I might be
> wrong.
>
> I bought one from Steve at Central States VHF Conference a couple years ago
> and have been using it with my 850. There are a couple things I might have
> done differently in the TIB-850 design but it does work great.
>
> 73, Zack W9SZ
>
>
> On Mon, Feb 28, 2011 at 8:40 AM,<yash@...> wrote:
>
>
>>
>> Zack
>> I called last week , she said they didnt have any left. Will call again and
>> talk with someone who maybe knows more.
>> thanks
>> dale wt4t
>>
>>
>> -----Original Message-----
>> From: Zack Widup<w9sz.zack@...>
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Mon, Feb 28, 2011 9:31 am
>> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850

>>
>> Why not order one from DEM? They're only $25.
>>
>> 73, Zack W9SZ
>>
>> On 2/27/11, yash@...<yash@...> wrote:
>>
>>> Any one have a Demi TIB-850 board . Want to run a transverter with my
>>> ts-850.
>>> thanks
>>> dale wt4t
>>>
>>>
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...hoo! Groups Links
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

10251. Lazy Dog LD-1B

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-01 02:26:43 UTC
From: dsh_0403
Topic: 10251 Message: 10251

I have a Kenwood 850 that I have enjoyed for many years, but I have always wished that it had a panadapter type display. Recently after looking around a bit it appears that a better solution than purchasing a pandapter, at least for me, would be to add a few more chips to the pot and purchase the Lazy Dog LD-1B SDR receiver. I think it would not only give me the same capability of a straight add-on panadapter, but also throw in a second receiver as well. That would seem to be a real plus as I do as much HF listening between the bands as I do in QSO within the bands. The one question I have is how the LD-1B compares to the TS-850's receiver. Does anyone in this group have experience with both receivers and care to venture their opinion? Is one particularly better than the other or would I even notice much of a difference? The specs might give a hint but an actual listening experience using the same antenna on both might tell me more.

10252. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-01 02:59:03 UTC
From: Crownhaven
Topic: 10243 Message: 10252

I have the completed box that was made by DEMI. What the box does is allow you to use the 850 with a transverter switching easily between the rig and the transverter. As you might have discovered, if you make the internal connections for the transverter on the 850, you cannot use it on HF. The box or board takes care of that. You just flip one switch and it goes from HF to the transverter. What model of transverter do you have? How much drive does it require? I never really figured out how to set the drive in the transverter mode. Once Steve started making transverters with common IFs, I went that route. Much easier.

I wouldn't sell this box for less than $100.00. That is about what is cost new and they don't make them anymore. I would probably rather not sell it but I might. I just haven't thought much about it. They are nice to have if you have a transverter with a low power input and split transmit/receive. I guess he stopped making them due to the common IF option he came up with.

Steve, N4JQQ

On 2/28/2011 6:27 PM, yash@... wrote:
>
>
> Steve
> I down loaded the sheet on the tbI-850 from Demi, but they have no
> manual for download fron the sitr ,that I could find. Do you also have
> the write up for the board,as Iam not 100% understanding the setup. If
> your board is for sale ,what would the cost be?
> thanks
> dale wt4t
>
> -----Original Message-----
> From: Crownhaven <crownhaven@...
> <mailto:crownhaven%40bellsouth.net>>
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Mon, Feb 28, 2011 4:27 pm
> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850
>
> I have a TIB-850. Contact me direct.
>
> Steve, N4JQQ
>
> On 2/28/2011 9:14 AM, Zack Widup wrote:
> > Hi Dale,
> >
> > Well gee, I wouldn't think they would be that popular an item. I

> might be
> > wrong.
> >
> > I bought one from Steve at Central States VHF Conference a couple
> years ago
> > and have been using it with my 850. There are a couple things I
> might have
> > done differently in the TIB-850 design but it does work great.
> >
> > 73, Zack W9SZ
> >
> >
> > On Mon, Feb 28, 2011 at 8:40 AM,<yash@...
> <mailto:yash%40aol.com>> wrote:
> >
> >
> >>
> >> Zack
> >> I called last week , she said they didnt have any left. Will call
> again and
> >> talk with someone who maybe knows more.
> >> thanks
> >> dale wt4t
> >>
> >>
> >> -----Original Message-----
> >> From: Zack Widup<w9sz.zack@... <mailto:w9sz.zack%40gmail.com>>
> >> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> >> Sent: Mon, Feb 28, 2011 9:31 am
> >> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850
> >>
> >> Why not order one from DEM? They're only $25.
> >>
> >> 73, Zack W9SZ
> >>
> >> On 2/27/11, yash@... <mailto:yash%40aol.com><yash@aol.com
> <mailto:yash%40aol.com>> wrote:
> >>
> >>> Any one have a Demi TIB-850 board . Want to run a transverter with my
> >>> ts-850.
> >>> thanks
> >>> dale wt4t
> >>>
> >>>
> >>>
> >>>
> >>>
> >>>
> >>> [Non-text portions of this message have been removed]

> >>>
> >>>
> >>>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> >
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10253. Re: [TS-850_450_690] wanted a DEM TIB-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-01 12:59:02 UTC
From: yash@aol.com
Topic: 10243 Message: 10253

Steve
thanks for the info.
dale wt4t

-----Original Message-----
From: Crownhaven <crownhaven@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, Feb 28, 2011 9:59 pm
Subject: Re: [TS-850_450_690] wanted a DEM TIB-850

I have the completed box that was made by DEMI. What the box does is allow you to use the 850 with a transverter switching easily between the rig and the transverter. As you might have discovered, if you make the internal connections for the transverter on the 850, you cannot use it on HF. The box or board takes care of that. You just flip one switch and it goes from HF to the transverter. What model of transverter do you have? How much drive does it require? I never really figured out how to set the drive in the transverter mode. Once Steve started making transverters with common IFs, I went that route. Much easier.

I wouldn't sell this box for less than $100.00. That is about what is cost new and they don't make them anymore. I would probably rather not sell it but I might. I just haven't thought much about it. They are nice to have if you have a transverter with a low power input and split transmit/receive. I guess he stopped making them due to the common IF option he came up with.

Steve, N4JQQ

On 2/28/2011 6:27 PM, yash@... wrote:
>
>
> Steve
> I down loaded the sheet on the tbI-850 from Demi, but they have no
> manual for download fron the sitr ,that I could find. Do you also have
> the write up for the board,as Iam not 100% understanding the setup. If
> your board is for sale ,what would the cost be?
> thanks
> dale wt4t
>
> -----Original Message-----
> From: Crownhaven <crownhaven@bellsouth.net
> <mailto:crownhaven%40bellsouth.net>>;
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>;
> Sent: Mon, Feb 28, 2011 4:27 pm

> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850
>
> I have a TIB-850. Contact me direct.
>
> Steve, N4JQQ
>
> On 2/28/2011 9:14 AM, Zack Widup wrote:
> > Hi Dale,
> >
> > Well gee, I wouldn't think they would be that popular an item. I might be
> > wrong.
> >
> > I bought one from Steve at Central States VHF Conference a couple years ago
> > and have been using it with my 850. There are a couple things I might have
> > done differently in the TIB-850 design but it does work great.
> >
> > 73, Zack W9SZ
> >
> >
> > On Mon, Feb 28, 2011 at 8:40 AM,<yash@... <mailto:yash%40aol.com>>; wrote:
> >
> >
> >>
> >> Zack
> >> I called last week , she said they didnt have any left. Will call again and
> >> talk with someone who maybe knows more.
> >> thanks
> >> dale wt4t
> >>
> >>
> >> -----Original Message-----
> >> From: Zack Widup<w9sz.zack@... <mailto:w9sz.zack%40gmail.com>>;
> >> To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>;
> >> Sent: Mon, Feb 28, 2011 9:31 am
> >> Subject: Re: [TS-850_450_690] wanted a DEM TIB-850
> >>
> >> Why not order one from DEM? They're only $25.
> >>
> >> 73, Zack W9SZ
> >>
> >> On 2/27/11, yash@... <mailto:yash%40aol.com><;yash@... <mailto:yash%40aol.com>>; wrote:
> >>
> >>> Any one have a Demi TIB-850 board . Want to run a transverter with my

> >>> ts-850.
> >>> thanks
> >>> dale wt4t
> >>>
> >>>
> >>>
> >>>
> >>>
> >>>
> >>> [Non-text portions of this message have been removed]
> >>>
> >>>
> >>>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >>
> > >
> > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>;! Groups Links
> >
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10254. Re: [TS-850_450_690] DRU-2 Board Brass Screws Wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-01 13:57:26 UTC
From: Anthony W. DePrato
Topic: 10247 Message: 10254

At 11:27 AM 2/28/2011, you wrote:

>Can someone provide two of the small brass screws used to hold down
>the DRU-2 board under the TS-850 top door. I bought a DRU-2 with no
>screws. I will send you a SASE and $2.00 for the two screws. By
>the way, if anyone sees a DRU-2 for sale for a reasonable price grab
>it. These boards are really neat. I really enjoy just pushing a
>button to tranmit my call message during a DX pile-up. It works great.
>
>Glenn - K4ZOT

i have 2 or 3 NIB that i never got around to installing guess i need
to try one out.
73 Tony

>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10255. Can a TS-440 CW filter be usedin a S-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-02 16:02:08 UTC
From: philo.kvetch
Topic: 10255 Message: 10255

I just purchased a TS-450 at a local yard sale and have a YK-88CN filter from a TS-440 sitting on a shelf.

Can I use the YK-88CN in the TS-450?

Thanks

Gary KN4RY

10256. Re: [TS-850_450_690] Can a TS-440 CW filter be usedin a S-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-02 16:30:41 UTC
From: Tom LeClerc W1TJL
Topic: 10255 Message: 10256

If you buy the little mounting board from Inrad you can. Its the same
filer mounted on a PC Board in the 450 and most all the newer Kenwoods

73, Tom

On 3/2/2011 11:02 AM, philo.kvetch wrote:
>
> I just purchased a TS-450 at a local yard sale and have a YK-88CN
> filter from a TS-440 sitting on a shelf.
>
> Can I use the YK-88CN in the TS-450?
>
> Thanks
>
> Gary KN4RY
>
>

[Non-text portions of this message have been removed]

10257. Re: Can a TS-440 CW filter be usedin a S-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-02 17:07:55 UTC
From: avvidclif
Topic: 10255 Message: 10257

NO, it cannot be used. The YK88CN has a different center frequency than the YK88CN-1.

Clif

--- In TS-850_450_690@yahoogroups.com, "philo.kvetch" <donk@...> wrote:
>
> I just purchased a TS-450 at a local yard sale and have a YK-88CN filter from a TS-440 sitting on a shelf.
>
> Can I use the YK-88CN in the TS-450?
>
> Thanks
>
> Gary KN4RY
>

10258. Re: [TS-850_450_690] Can a TS-440 CW filter be usedin a S-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-02 16:55:54 UTC
From: Michael Harla
Topic: 10255 Message: 10258

Has anyone ever just stuck in the filter with double-sided tape and
wired the pins?

Looks like the signal pin is 2nd from the inside on either end, with
grounds on either side.

Also, I've seen Inrad boards with "flying leads" instead of connectors
-- are these factory?

Mike n2mho in SNJ

On 3/2/11, philo.kvetch <donk@...> wrote:
> I just purchased a TS-450 at a local yard sale and have a YK-88CN filter
> from a TS-440 sitting on a shelf.
>
> Can I use the YK-88CN in the TS-450?
>
> Thanks
>
> Gary KN4RY
>
>
>
>

--
Michael Harla
1337 Norris Drive
Vineland, NJ 08360

10259. Kenwood YM6631 (6631) DDS Chip

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-06 08:34:56 UTC
From: Robert Bajuk
Topic: 10259 Message: 10259

Hello,

If anyone needs custom made Kenwood 6631 DDS chip, replacements are no longer available.

I had to replace one of the chips in my radio and I still have 3 spare chips available on the extra Car unit board.

Contact me off the list if you are interested.

73 Robert, s57aw

10260. Amplifier Power Supply Rebuild?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-06 23:44:41 UTC
From: Gary
Topic: 10260 Message: 10260

Does anyone know of a company that rebuilds power supplies?
73

10261. Re: Amplifier Power Supply Rebuild?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-07 09:10:29 UTC
From: ah6rr1
Topic: 10260 Message: 10261

What kind of power supply???

--- In TS-850_450_690@yahoogroups.com, "Gary" <cobraman097@...> wrote:
>
> Does anyone know of a company that rebuilds power supplies?
> 73
>

10262. Re:

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-07 12:02:54 UTC
From: Gary Okicki
Topic: 10262 Message: 10262

For a Amp Supply amplifier. I know there are companies that rebuild supplies. I just can't think of them.
73

[Non-text portions of this message have been removed]

10263. Re: [TS-850_450_690] Amplifier Power Supply Rebuild?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-08 05:23:57 UTC
From: Ausbin Pippin
Topic: 10260 Message: 10263

Gary, If you need a transformer to be rewond you might check the following company. I am not certain if they are still in business or not but in the past they have provided good service. TRS Transformer Rewinding Service 478 Forest ave. Orono, Maine 04473 Tel: 207-942-5745. Email: xfrmrs@...
--- On Sun, 3/6/11, Gary <cobraman097@yahoo.com> wrote:

From: Gary <cobraman097@...>
Subject: [TS-850_450_690] Amplifier Power Supply Rebuild?
To: TS-850_450_690@yahoogroups.com
Date: Sunday, March 6, 2011, 11:44 PM

Does anyone know of a company that rebuilds power supplies?
73

[Non-text portions of this message have been removed]

10264. 450 to USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-10 18:31:44 UTC
From: Richard Schmuke
Topic: 10264 Message: 10264

I have been running my TS-450SAT for several years with a 25 pin serial port connection. It looks like I will soon have to replace my old computer. Can someone recommend a "tested" supplier for a new cable, TS-450 to USB?

Rich , KDØZZ

10265. RE: [TS-850_450_690] 450 to USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-10 20:17:31 UTC
From: Dave Gmail
Topic: 10264 Message: 10265

Order the usb to serial adapter, and you can continue to use the cable you had, change cable to a 9 pin

I use the pl 2303 type no problem. And also the edgeport, multi port device, but they are all 9 pin..

Are you sure your new computer will not have 9 pin serial connection...

Are you using the kenwood if232c?? Then you will need 25 to 9 pin adapter in there somewhere, or cable wired as that..

Dave

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Richard Schmuke
Sent: March-10-11 1:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450 to USB

I have been running my TS-450SAT for several years with a 25 pin serial port connection. It looks like I will soon have to replace my old computer. Can someone recommend a "tested" supplier for a new cable, TS-450 to USB?

Rich , KDØZZ

THANKS FOR USING TS-850_450_690@...hoo! Groups Links

10266. 850 Recieve

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-10 21:00:35 UTC
From: MikeR
Topic: 10266 Message: 10266

The receive is not completely dead it sounds like an attenuator is on. Though the attenuators still function, just everything is lower. I do have alot of spare boards in the shack for the 850. Just not sure where to look for this problem. Has anyone else had this problem?? Thanks Mike

10267. Re: 850 Recieve

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-10 21:05:09 UTC
From: avvidclif
Topic: 10266 Message: 10267

Q49 on the RF Unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "MikeR" <k1icq@...> wrote:
>
> The receive is not completely dead it sounds like an attenuator is on. Though the attenuators still function, just everything is lower. I do have alot of spare boards in the shack for the 850. Just not sure where to look for this problem. Has anyone else had this problem?? Thanks Mike
>

10268. Re: [TS-850_450_690] 450 to USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-10 22:51:24 UTC
From: Tom Osborne
Topic: 10264 Message: 10268

Hi Rich

You can use an USB to serial converter for rig control.

Most of them are set up for 9-pin cables, though. I have an Edgeport that I bought on eBay for about $25 and it works for radio control just fine. I have a serial CAT cable that I bought from G4ZLP and it works great with the Edgeport (and it actually gives me 4 serial ports for other stuff). 73
Tom W7WHY

I have been running my TS-450SAT for several years with a 25 pin serial port connection. It looks like I will soon have to replace my old computer. Can someone recommend a "tested" supplier for a new cable, TS-450 to USB?

Rich , KD?ZZ

10269. Re: [TS-850_450_690] Re: 850 Recieve

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-10 23:03:39 UTC
From: Tom Osborne
Topic: 10266 Message: 10269

HI Clif

I am having the same problem on my TS-450. It is not dead, but seems like
the AIP is on all the time. When I push the AIP button in, it doesn't seem
to change anything. It is about 3
S-units lower in receive than my other TS-450. 73
Tom W7WHY

Q49 on the RF Unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "MikeR" <k1icq@...> wrote:
>
> The receive is not completely dead it sounds like an attenuator is on.
> Though the attenuators still function, just everything is lower. I do have
> alot of spare boards in the shack for the 850. Just not sure where to look
> for this problem. Has anyone else had this problem?? Thanks Mike
>

10270. Re: 850 Recieve

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-11 02:22:47 UTC
From: avvidclif
Topic: 10266 Message: 10270

The AIP and ATT should both make a difference. The transistor I referred to on the 850 is switched on in TX to protect the front end of the rx. The 450 has the same circuit but if the AIP doesn't make a difference it's probably something in the AIP circuit.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI Clif
>
> I am having the same problem on my TS-450. It is not dead, but seems like
> the AIP is on all the time. When I push the AIP button in, it doesn't seem
> to change anything. It is about 3
> S-units lower in receive than my other TS-450. 73
> Tom W7WHY
>
>
>
> Q49 on the RF Unit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "MikeR" <k1icq@> wrote:
> >
> > The receive is not completely dead it sounds like an attenuator is on.
> > Though the attenuators still function, just everything is lower. I do have
> > alot of spare boards in the shack for the 850. Just not sure where to look
> > for this problem. Has anyone else had this problem?? Thanks Mike
> >
>

10271. Kenwood CAT cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-11 23:02:04 UTC
From: Tom Osborne
Topic: 10271 Message: 10271

Some have asked about the CAT cable for Kenwood.

Here's a G4ZLP cable for sale on QTH dot Com. Listing number 896439.

73
Tom W7WHY

10272. tone board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-12 17:02:21 UTC
From: MikeR
Topic: 10272 Message: 10272

Hello all, does anyone have the kenwood tone board for the 850 450 690 its the same for all 3 radios. Im guessing it going to be a hard item to find. But willing to but at a reasonable price. Thanks, Mike k1icq

10273. correction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-12 17:19:00 UTC
From: MikeR
Topic: 10273 Message: 10273

Im looking for a TU 8 tone board for my 690. Anyone have one for sale?? Im guessing it could be a tough one to find?? Thanks Mik,e k1icq

10274. Re: [TS-850_450_690] tone board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-12 19:38:53 UTC
From: Tom Osborne
Topic: 10272 Message: 10274

I may have one.

Is it a little board about the size of 2 postage stamps?

Mine has a dipswitch, an IC, and an on off switch. Also a 3-pin jack for the plug.

If that is it, you can have it. 73
Tom W7WHY

Hello all, does anyone have the kenwood tone board for the 850 450 690 its the same for all 3 radios. Im guessing it going to be a hard item to find. But willing to but at a reasonable price. Thanks, Mike k1icq

10275. Re: [TS-850_450_690] tone board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-12 20:49:07 UTC
From: David Struebel
Topic: 10272 Message: 10275

Mike,

Piexx makes aftermarket version of tone boards for a lot of popular rigs
from Kenwood, Icom, and Yaesu.
I think what you are looking for is the Kenwood TU-8 since that is what I
have in my TS-450S. The Piexx version is expensive but it can be found here;
http://www.piexx.com/index.php?main_page=product_info&cPath=6&products_id=16

Good luck

73 Dave WB2FTX
----- Original Message -----
From: "MikeR" <k1icq@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 12, 2011 12:02 PM
Subject: [TS-850_450_690] tone board

> Hello all, does anyone have the kenwood tone board for the 850 450 690 its
> the same for all 3 radios. Im guessing it going to be a hard item to find.
> But willing to but at a reasonable price. Thanks, Mike k1icq
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1204 / Virus Database: 1498/3502 - Release Date: 03/12/11
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1204 / Virus Database: 1498/3502 - Release Date: 03/12/11

10276. Re: tone board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-12 23:47:56 UTC
From: MikeR
Topic: 10272 Message: 10276

Hey Tom, that is exactly it!! Man, that would be great. Email me at k1icq@myway.com OK?? Thanks
--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> I may have one.
>
> Is it a little board about the size of 2 postage stamps?
>
> Mine has a dipswitch, an IC, and an on off switch. Also a 3-pin jack for
> the plug.
>
> If that is it, you can have it. 73
> Tom W7WHY
>
>
>
> Hello all, does anyone have the kenwood tone board for the 850 450 690 its
> the same for all 3 radios. Im guessing it going to be a hard item to find.
> But willing to but at a reasonable price. Thanks, Mike k1icq
>

10277. Re: [TS-850_450_690] Re: tone board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-13 00:32:20 UTC
From: Bob Naylor
Topic: 10272 Message: 10277

Just curious guys, is that a "PL" tone board?
Bob WE6C

--- On Sat, 3/12/11, MikeR <k1icq@...> wrote:

From: MikeR <k1icq@...>
Subject: [TS-850_450_690] Re: tone board
To: TS-850_450_690@yahoogroups.com
Date: Saturday, March 12, 2011, 3:47 PM

Hey Tom, that is exactly it!! Man, that would be great. Email me at k1icq@... OK?? Thanks

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:

>

> I may have one.

>

> Is it a little board about the size of 2 postage stamps?

>

> Mine has a dipswitch, an IC, and an on off switch. Also a 3-pin jack for

> the plug.

>

> If that is it, you can have it. 73

> Tom W7WHY

>

>

>

> Hello all, does anyone have the kenwood tone board for the 850 450 690 its

> the same for all 3 radios. Im guessing it going to be a hard item to find.

> But willing to but at a reasonable price. Thanks, Mike k1icq

>

[Non-text portions of this message have been removed]

10278. Re: tone board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-13 17:21:02 UTC
From: ah6rr1
Topic: 10272 Message: 10278

Yes Bob it is for working 10 meter repeters that require a tone.
Since 10 is opening well makes since.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Just curious guys, is that a "PL" tone board?
> Bob WE6C
>
> --- On Sat, 3/12/11, MikeR <k1icq@...> wrote:
>
> From: MikeR <k1icq@...>
> Subject: [TS-850_450_690] Re: tone board
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, March 12, 2011, 3:47 PM
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
>
> Hey Tom, that is exactly it!! Man, that would be great. Email me at k1icq@... OK?? Thanks
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
>
> >
>
> > I may have one.
>
> >
>
> > Is it a little board about the size of 2 postage stamps?

>
> >
>
> > Mine has a dipswitch, an IC, and an on off switch. Also a 3-pin jack for
>
> > the plug.
>
> >
>
> > If that is it, you can have it. 73
>
> > Tom W7WHY
>
> >
>
> >
>
> >
>
> > Hello all, does anyone have the kenwood tone board for the 850 450 690 its
>
> > the same for all 3 radios. Im guessing it going to be a hard item to find.
>
> > But willing to but at a reasonable price. Thanks, Mike k1icq
>
> >
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

10279. re: KW REPAIR SERVICE RECOMMENDATIONS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-15 17:05:25 UTC
From: pstanley@twcny.rr.com
Topic: 10279 Message: 10279

Need your recommendations for a qualified KW repair service facility for TS-450S.
Suggestions?
73
Phil KD2XDN

10280. Re: [TS-850_450_690] re: KW REPAIR SERVICE RECOMMENDATIONS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-15 18:49:43 UTC
From: Tom LeClerc W1TJL
Topic: 10279 Message: 10280

The best I've seen and Ive used him several times is Clif at Avvid

http://www.avvid.com/

He's great, reliable and pretty quick!

73, Tom W1TJL

On 3/15/2011 1:05 PM, pstanley@... wrote:
>
> Need your recommendations for a qualified KW repair service facility
> for TS-450S. Suggestions?
> 73
> Phil KD2XDN
>
>

[Non-text portions of this message have been removed]

10281. Re: [TS-850_450_690] re: KW REPAIR SERVICE RECOMMENDATIONS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-15 19:25:23 UTC
From: Crownhaven
Topic: 10279 Message: 10281

Ditto.....used him many times. The best!

Steve, N4JQQ

On 3/15/2011 1:49 PM, Tom LeClerc W1TJL wrote:
>
> The best I've seen and Ive used him several times is Clif at Avvid
>
> http://www.avvid.com/
>
> He's great, reliable and pretty quick!
>
> 73, Tom W1TJL
>
> On 3/15/2011 1:05 PM, pstanley@...
> <mailto:pstanley%40twcny.rr.com> wrote:
> >
> > Need your recommendations for a qualified KW repair service facility
> > for TS-450S. Suggestions?
> > 73
> > Phil KD2XDN
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10282. Parts for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-18 02:02:11 UTC
From: kb1kox
Topic: 10282 Message: 10282

If your looking for parts or spares for your TS-850,
check out Ebay right now....

http://shop.ebay.com/z-wave/m.html?_trksid=p4340.l2562

73
Neil
AE1P

10283. Re: Parts for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-18 07:58:28 UTC
From: ah6rr1
Topic: 10282 Message: 10283

His shipping prices are steep for the small parts

--- In TS-850_450_690@yahoogroups.com, "kb1kox" <ngoodl1@...> wrote:
>
> If your looking for parts or spares for your TS-850,
> check out Ebay right now....
>
> http://shop.ebay.com/z-wave/m.html?_trksid=p4340.l2562
>
> 73
> Neil
> AE1P
>

10284. DSP-100 + IF-232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-18 09:02:51 UTC
From: F8AOF
Topic: 10282 Message: 10284

Hi ,

How to connect in same times DSP-100 and IF-232C ?

F8AOF

10285. R: [TS-850_450_690] DSP-100 + IF-232

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-20 22:27:47 UTC
From: ik8vze@tiscali.it
Topic: 10285 Message: 10285

connect the dsp "cont out" and plug 6din if232-c
73
----Messaggio
originale----
Da: f8aof@...
Data: 18/03/2011 10.02
A: <TS-
850_450_690@yahoogroups.com>
Ogg: [TS-850_450_690] DSP-100 + IF-232

Hi
,

How to connect in same times DSP-100 and IF-232C ?

F8AOF

Supera i limiti: raddoppia la velocità da 10 a 20 MegaRisparmia con Tutto Incluso: Voce + Adsl 20 mega a soli 29,95 € al mese per due anni.SCONTO DI 280 EURO!http://abbonati.tiscali.it/telefono-adsl/prodotti/tc/tuttoincluso/?WT.mc_id=01fw

10286. Intermittent TX SSB Audio on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-22 22:33:02 UTC
From: dan_kc5pcb
Topic: 10286 Message: 10286

Good Evening All,

I have a TS-450 with intermittent TX audio on SSB. I wanted to find out if the 450 suffers from the same capacitor issues the 850 has? Or if there is a common failure component in the audio path on the 450. I would appreciate any and all advice.

Dan

10287. ts 450 help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-23 00:51:15 UTC
From: eugenelynn123
Topic: 5260 Message: 10287

the signal meter is not working on in coming signals anyone no what wrong how to fix it
.mi5lyn eugene

10288. RE: [TS-850_450_690] Intermittent TX SSB Audio on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-23 19:13:45 UTC
From: Dave Gmail
Topic: 10286 Message: 10288

Have you eliminated the mike as a problem, or gain too high so alc could be clipping

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dan_kc5pcb
Sent: March-22-11 6:33 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Intermittent TX SSB Audio on TS-450

Good Evening All,

I have a TS-450 with intermittent TX audio on SSB. I wanted to find out if the 450 suffers from the same capacitor issues the 850 has? Or if there is a common failure component in the audio path on the 450. I would appreciate any and all advice.

Dan

THANKS FOR USING TS-850_450_690@...! Groups Links

10289. RE: [TS-850_450_690] ts 450 help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-23 19:13:45 UTC
From: Dave Gmail
Topic: 5260 Message: 10289

make sure the attenuators aren't on, does it have the aip as the 850???

How to fix it, depends on why it isn't working

Could be solder joint, bad meter movement (does it work on transmit ok??)
could be weak signals, could be agc set to off

Diagnosis, I guess is where to start..

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of eugenelynn123
Sent: March-22-11 8:51 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts 450 help

the signal meter is not working on in coming signals anyone no what wrong
how to fix it .mi5lyn eugene

THANKS FOR USING TS-850_450_690@...! Groups Links

10290. RE: [TS-850_450_690] Intermittent TX SSB Audio on TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-23 23:55:57 UTC
From: Daniel Tassell
Topic: 10286 Message: 10290

Hi Dave,
It is not the mike. I will just trace it out. I thought there might be a common failure component.
Thanks for the reply all the same.
Dan

--- On Wed, 3/23/11, Dave Gmail <ve3wej@...> wrote:

From: Dave Gmail <ve3wej@...>
Subject: RE: [TS-850_450_690] Intermittent TX SSB Audio on TS-450
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, March 23, 2011, 2:13 PM

Have you eliminated the mike as a problem, or gain too high so alc could be

clipping

-----Original Message-----

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

On Behalf Of dan_kc5pcb

Sent: March-22-11 6:33 PM

To: TS-850_450_690@yahoogroups.com

Subject: [TS-850_450_690] Intermittent TX SSB Audio on TS-450

Good Evening All,

I have a TS-450 with intermittent TX audio on SSB. I wanted to find out if

the 450 suffers from the same capacitor issues the 850 has? Or if there is

a common failure component in the audio path on the 450. I would appreciate

any and all advice.

Dan

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10291. ts 450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-24 08:51:50 UTC
From: eugenelynn123
Topic: 10291 Message: 10291

the meter works on fm but not sideband done a master reset still no joy im at a lose as to what it is. becouse it works on fm i dont think there is any thing wrong with the meter i no ssb has nothing to do with fm but if the meter was broke it would not work any were.

10292. turning the power up on ats440

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-24 17:36:52 UTC
From: eugenelynn123
Topic: 10292 Message: 10292

just got this of a m3 he can only use 10w he got the rig turn down in side how do i get it turn back up to 100w in side .eugene

10293. ts440s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-26 17:34:53 UTC
From: eugenelynn123
Topic: 10293 Message: 10293

this one power on 80m 100w 40m 90w 20m 40w 10m 12w took the covers of turn it on its side key mic push so buttons on of hear a click 100w all bands for the rest of the night next day back the way it was and still is help please.

10294. RE: [TS-850_450_690] ts440s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-26 19:54:09 UTC
From: Dave Gmail
Topic: 10293 Message: 10294

Are those tests into a dummy load???? If not it should be

Otherwise I suspect swr issues

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of eugenelynn123
Sent: March-26-11 1:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts440s

this one power on 80m 100w 40m 90w 20m 40w 10m 12w took the covers of turn
it on its side key mic push so buttons on of hear a click 100w all bands for
the rest of the night next day back the way it was and still is help please.

THANKS FOR USING TS-850_450_690@...! Groups Links

10295. Re: [TS-850_450_690] ts440s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-26 20:32:48 UTC
From: Zack Widup
Topic: 10293 Message: 10295

You might just have a loose grounding screw somewhere. Slightly loosen
and then retighten the screws that ground the amp and especially the
filter circuit boards and see if that solves it.

73, Zack W9SZ

On 3/26/11, eugenelynn123 <eugenelynn123@...> wrote:
> this one power on 80m 100w 40m 90w 20m 40w 10m 12w took the covers of turn
> it on its side key mic push so buttons on of hear a click 100w all bands for
> the rest of the night next day back the way it was and still is help please.
>
>

10296. Re: [TS-850_450_690] ts440s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-27 16:35:23 UTC
From: Eugene Lynn
Topic: 10293 Message: 10296

yes they are in to a dummy load when i turn it on its side no covers on it work put covers back on worked for 8 hours turn it of went to bed back on next day back to the same thing.

From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, March 26, 2011 7:54:09 PM
Subject: RE: [TS-850_450_690] ts440s

Are those tests into a dummy load???? If not it should be

Otherwise I suspect swr issues

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of eugenelynn123
Sent: March-26-11 1:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts440s

this one power on 80m 100w 40m 90w 20m 40w 10m 12w took the covers of turn it on its side key mic push so buttons on of hear a click 100w all bands for the rest of the night next day back the way it was and still is help please.

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10297. RE: [TS-850_450_690] ts440s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-27 23:08:35 UTC
From: Dave Gmail
Topic: 10293 Message: 10297

Do the same as below, BUT do not put the covers back on... if it is OK, then maybe the cabinet is pinching somewhere, or keeping heat in too much and causeing overheat shutdown, in the finals

Try running an extra fan on the unit, see if it helps

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Eugene Lynn
Sent: March-27-11 12:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] ts440s

yes they are in to a dummy load when i turn it on its side no covers on it work
put covers back on worked for 8 hours turn it of went to bed back on next day
back to the same thing.

_____
From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, March 26, 2011 7:54:09 PM
Subject: RE: [TS-850_450_690] ts440s

Are those tests into a dummy load???? If not it should be

Otherwise I suspect swr issues

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of eugenelynn123
Sent: March-26-11 1:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts440s

this one power on 80m 100w 40m 90w 20m 40w 10m 12w took the covers of turn
it on its side key mic push so buttons on of hear a click 100w all bands for
the rest of the night next day back the way it was and still is help please.

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

10298. KB-365 diode HF Unit TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-28 16:21:55 UTC
From: cx4bbd
Topic: 10298 Message: 10298

Hello everybody
I am working on the HF unit of a TS-450. The KB-365 was shorted so I am looking for a replacement. Not available at Kenwood parts. Anyone knows which one I can use to replace it?
I found the Philips BZV86/2V0 as a replacement but is hard to find from the regular distributors.
Any help on this will be really appreciated
Thanks a lot

73
Aldo

10299. Re: KB-365 diode HF Unit TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-28 18:44:21 UTC
From: avvidclif
Topic: 10298 Message: 10299

The Kenwood sub is a MA27T-B

Clif

--- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@...> wrote:
>
> Hello everybody
> I am working on the HF unit of a TS-450. The KB-365 was shorted so I am looking for a replacement. Not available at Kenwood parts. Anyone knows which one I can use to replace it?
> I found the Philips BZV86/2V0 as a replacement but is hard to find from the regular distributors.
> Any help on this will be really appreciated
> Thanks a lot
>
> 73
> Aldo
>

10300. Re: KB-365 diode HF Unit TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-28 23:01:54 UTC
From: cx4bbd
Topic: 10298 Message: 10300

Once again...Thank you very much Clif
I will try this substitute. Didn't get this one the first search

73
Aldo

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The Kenwood sub is a MA27T-B
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@> wrote:
> >
> > Hello everybody
> > I am working on the HF unit of a TS-450. The KB-365 was shorted so I am looking for a replacement. Not available at Kenwood parts. Anyone knows which one I can use to replace it?
> > I found the Philips BZV86/2V0 as a replacement but is hard to find from the regular distributors.
> > Any help on this will be really appreciated
> > Thanks a lot
> >
> > 73
> > Aldo
> >
>

10301. Re: [TS-850_450_690] Re: KB-365 diode HF Unit TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-29 00:18:42 UTC
From: Tom Osborne
Topic: 10298 Message: 10301

Sometimes if you can find these parts at a different source it can be a lot cheaper.

I recently purchased a balanced mixer chip from Kenwood East. Part cost about $10. Shipping cost was $9.00. Actual shipping cost was $0.88. 73
Tom W7WHY

Once again...Thank you very much Clif
I will try this substitute. Didn't get this one the first search

73
Aldo

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The Kenwood sub is a MA27T-B
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@> wrote:
> >

10302. Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-29 00:25:42 UTC
From: Richard Schmuke
Topic: 6646 Message: 10302

Things were a little crowded on the bands over the weekend, 20 was almost impossible and 15 was still not much better. I am thinking about adding a SSB filter to my TS-450. I have read about some people not happy with the YK-88SN-1. What about Inrad ? What are some of your favorite SSB set ups for the 450 in crowded band conditions??

Rich , KDØZZ , ☺

These are the humble ramblings of an old phart and in no way should they influence the actions of any intelligent and sane person

10303. Re: [TS-850_450_690] Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-29 00:50:14 UTC
From: Steven Gehring
Topic: 6646 Message: 10303

The INRAD filters have always been better. I'd go for the INRAD 2.1 KHz @ 8.83 MHz -- good performance while providing decent SSB sound.

73 de NL7W

On Mon, Mar 28, 2011 at 4:25 PM, Richard Schmuke <rdj@...> wrote:

>
>
>
> Things were a little crowded on the bands over the weekend, 20 was almost
> impossible and 15 was still not much better. I am thinking about adding a
> SSB filter to my TS-450. I have read about some people not happy with the
> YK-88SN-1. What about Inrad ? What are some of your favorite SSB set ups for
> the 450 in crowded band conditions??
>
> Rich , KDØZZ , ☺
>
> These are the humble ramblings of an old phart and in no way should they
> influence the actions of any intelligent and sane person
>
>
>

[Non-text portions of this message have been removed]

10304. Re: [TS-850_450_690] Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-29 02:37:14 UTC
From: Mel Cruts
Topic: 6646 Message: 10304

Hi Rich,
I believe the INRAD 2100 Hz filter is as good as you can do.
The 1800 Hz Kenwood filter reduces the audio quality too much.
73,
Mel - KF6OZ

On Mon, 2011-03-28 at 19:25 -0500, Richard Schmuke wrote:

>
>
>
> Things were a little crowded on the bands over the weekend, 20 was
> almost impossible and 15 was still not much better. I am thinking
> about adding a SSB filter to my TS-450. I have read about some people
> not happy with the YK-88SN-1. What about Inrad ? What are some of your
> favorite SSB set ups for the 450 in crowded band conditions??
>
> Rich , KDØZZ , ☺
>
> These are the humble ramblings of an old phart and in no way should
> they
> influence the actions of any intelligent and sane person
>
>
>
>
>

[Non-text portions of this message have been removed]

10305. TS-450SAT Display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-30 15:33:06 UTC
From: mineralan39
Topic: 10305 Message: 10305

Just got a TS-450SAT. Works great but some display segments on some frequency digits are on all the time. Not a problem on all digits. I assume problem root cause would be on the LCD Assy. Just wanted to get 2nd opinion before I order a replacement LCD assy.

10306. Re: [TS-850_450_690] TS-450SAT Display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-30 18:20:22 UTC
From: Mark Baugh
Topic: 10305 Message: 10306

Good luck finding one. The price is about $200 new. I saw one on Ebay yesterday for a starting bid of $50; better jump on it. Good luck.

73, Mark W5EZY

--- On Wed, 3/30/11, mineralan39 <a_miner_biz2@comcast.net> wrote:

From: mineralan39 <a_miner_biz2@...>
Subject: [TS-850_450_690] TS-450SAT Display
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, March 30, 2011, 10:33 AM

Just got a TS-450SAT. Works great but some display segments on some frequency digits are on all the time. Not a problem on all digits. I assume problem root cause would be on the LCD Assy. Just wanted to get 2nd opinion before I order a replacement LCD assy.

[Non-text portions of this message have been removed]

10307. FS: TS850SAT Serial # 70100201 w/ CW Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-31 00:54:02 UTC
From: Anonymous
Topic: 10307 Message: 10307

I am going to part with a TS850SAT that my mother bequeathed to me while I was living in JA. Full output on all bands as appropriate. CW filter. Battery replaced a few years back. Sidetone>MON mod performed and documented. 850$OBO shipped. Or, if you want an Astron PS included, you pay shipping. Will accept as partial trade for IC7000. Cosmetically 9.5/10. Mic, original boxes, manual, service manual, external control manual, power cable included. Will ship internationally, but let's make arrangements.

Photos: http://www.flickr.com/photos/jonathancharles/sets/72157626376699670/

Drop me a line off-list for my phone info and if you have further questions. Ships from St. Paul, MN.

Jonathan KC7FYS

10308. Re: KB-365 diode HF Unit TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-31 02:22:41 UTC
From: cx4bbd
Topic: 10298 Message: 10308

Hi Tom
Thanks for your input on this matter. I got some components from Kenwoodparts when I was in need of some varicaps for my TS440 a few months ago. Unfortunately is quite hard to get substitutes from other sources like Mouser, Allied, DigiKey and some others. Unfortunately they don't carry much of this stuff. Kenwoodparts knows this so they make the gain :)

Actually the diode is not the only problem on the HF unit. I don't have RF getting into the board so now I am trying to trace back the problem to the RF unit. Quite hard because the transistors are on the other side of the board to take some measurements :(
For now I need to continue with the troubleshooting process before asking further questions
Have a good day :)

73
Aldo

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Sometimes if you can find these parts at a different source it can be a lot
> cheaper.
>
> I recently purchased a balanced mixer chip from Kenwood East. Part cost
> about $10. Shipping cost was $9.00. Actual shipping cost was $0.88. 73
> Tom W7WHY
>
>
>
> Once again...Thank you very much Clif
> I will try this substitute. Didn't get this one the first search
>
> 73
> Aldo
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > The Kenwood sub is a MA27T-B
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@> wrote:
> > >
>

10309. Re: KB-365 diode HF Unit TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-03-31 15:16:38 UTC
From: avvidclif
Topic: 10298 Message: 10309

Wake up, blame the US parts houses. Kenwood uses a common, to them, part. They sell replacements thru the distributors who sell at the price they are told to. If the US parts house carried the part it might be cheaper, might not. Many times Kenwood is cheaper.

On the shipping. I hate paying high shipping costs as much as anyone but that 88 cents was postage. The part walked off the shelf and jumped into a free box, with free packing material, and taped itself up with free tape, printed the free label, and set itself out for the postman to pick up. Uh-huh. Some places just charge more for all those freebies.

Clif

--- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@...> wrote:
>
> Hi Tom
> Thanks for your input on this matter. I got some components from Kenwoodparts when I was in need of some varicaps for my TS440 a few months ago. Unfortunately is quite hard to get substitutes from other sources like Mouser, Allied, DigiKey and some others. Unfortunately they don't carry much of this stuff. Kenwoodparts knows this so they make the gain :)
>
> Actually the diode is not the only problem on the HF unit. I don't have RF getting into the board so now I am trying to trace back the problem to the RF unit. Quite hard because the transistors are on the other side of the board to take some measurements :(
> For now I need to continue with the troubleshooting process before asking further questions
> Have a good day :)
>
> 73
> Aldo
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > Sometimes if you can find these parts at a different source it can be a lot
> > cheaper.
> >
> > I recently purchased a balanced mixer chip from Kenwood East. Part cost
> > about $10. Shipping cost was $9.00. Actual shipping cost was $0.88. 73
> > Tom W7WHY
> >
> >
> >
> > Once again...Thank you very much Clif
> > I will try this substitute. Didn't get this one the first search
> >
> > 73
> > Aldo
> >

> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > The Kenwood sub is a MA27T-B
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@> wrote:
> > > >
> >
>

10310. TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 13:14:29 UTC
From: Bob
Topic: 10310 Message: 10310

I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
Thanks,
Bob - W4BBN

10311. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 15:50:54 UTC
From: avvidclif
Topic: 10310 Message: 10311

What band?
What does it do in CW mode?

Clif

--- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@...> wrote:
>
> I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
> Thanks,
> Bob - W4BBN
>

10312. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 16:01:08 UTC
From: Bob
Topic: 10310 Message: 10312

Clif,
It does the same on all bands. CW, FSK and FM carrier power is not affected. Just SSB, acts almost like you cut the mike input level by 10dB or more. Different kenwood mikes provide same results. Once the rig gets stone cold it will start out with full power ssb and then drop off within a couple of minutes. It may be in the ALC circuit.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What band?
> What does it do in CW mode?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> >
> > I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
> > Thanks,
> > Bob - W4BBN
> >
>

10313. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 16:19:03 UTC
From: avvidclif
Topic: 10310 Message: 10313

A quick glance at the SM shows the ALC is applied equally to SSB and CW. Were it the problem it would affect both equally.

My money says C104 has leaked and causing problems with the 455 IF filters. This is prior to the cw being injected and would not affect CW operation. Most likely the filters will have to be removed and the board cleaned as well as repairing damaged traces and thru holes.

Clif

--- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@...> wrote:
>
> Clif,
> It does the same on all bands. CW, FSK and FM carrier power is not affected. Just SSB, acts almost like you cut the mike input level by 10dB or more. Different kenwood mikes provide same results. Once the rig gets stone cold it will start out with full power ssb and then drop off within a couple of minutes. It may be in the ALC circuit.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What band?
> > > What does it do in CW mode?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> > > >
> > > > I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
> > > > Thanks,
> > > > Bob - W4BBN
> > > >
> > >
> >
>

10314. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 17:10:26 UTC
From: Bob
Topic: 10310 Message: 10314

Thanks for the advice Clif, I will take a look there when I slide back up to the bench tonight!

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> A quick glance at the SM shows the ALC is applied equally to SSB and CW. Were it the problem it would affect both equally.
>
> My money says C104 has leaked and causing problems with the 455 IF filters. This is prior to the cw being injected and would not affect CW operation. Most likely the filters will have to be removed and the board cleaned as well as repairing damaged traces and thru holes.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> >
> > Clif,
> > It does the same on all bands. CW, FSK and FM carrier power is not affected. Just SSB, acts almost like you cut the mike input level by 10dB or more. Different kenwood mikes provide same results. Once the rig gets stone cold it will start out with full power ssb and then drop off within a couple of minutes. It may be in the ALC circuit.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What band?
> > > What does it do in CW mode?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> > > >
> > > > I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
> > > > Thanks,
> > > > Bob - W4BBN
> > > >
> > >
> >
>

10315. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 22:53:30 UTC
From: Bob
Topic: 10310 Message: 10315

Clif, You hit the nail square on the head!! C104 has busted and leaked all over the board! Now I can fix it! Have you seen that problem before or are you just that good??
...Bob - W4BBN

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> A quick glance at the SM shows the ALC is applied equally to SSB and CW. Were it the problem it would affect both equally.
>
> My money says C104 has leaked and causing problems with the 455 IF filters. This is prior to the cw being injected and would not affect CW operation. Most likely the filters will have to be removed and the board cleaned as well as repairing damaged traces and thru holes.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> >
> > Clif,
> > It does the same on all bands. CW, FSK and FM carrier power is not affected. Just SSB, acts almost like you cut the mike input level by 10dB or more. Different kenwood mikes provide same results. Once the rig gets stone cold it will start out with full power ssb and then drop off within a couple of minutes. It may be in the ALC circuit.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What band?
> > > What does it do in CW mode?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> > > >
> > > > I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
> > > > Thanks,
> > > > Bob - W4BBN
> > > >
> > >
> >
>

10316. Re: [TS-850_450_690] Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 23:18:24 UTC
From: Tom Osborne
Topic: 10310 Message: 10316

Yep, he's pretty good :-) 73
Tom W7WHY

Clif, You hit the nail square on the head!! C104 has busted and leaked all over the board! Now I can fix it! Have you seen that problem before or are you just that good??
...Bob - W4BBN

10317. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-04 23:58:34 UTC
From: kb1kox
Topic: 10310 Message: 10317

Yup, He's that good!!
By the way, look in the Photo's section for
piks of other C104 fixes...

73,
Neil
Ae1P

--- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@...> wrote:
>
>
>
> Clif, You hit the nail square on the head!! C104 has busted and leaked all over the board! Now I can fix it! Have you seen that problem before or are you just that good??
> ...Bob - W4BBN
>

10318. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 00:19:28 UTC
From: avvidclif
Topic: 10310 Message: 10318

Both, plus 30 years of working on Kenwoods....

Clif

--- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@...> wrote:
>
>
>
> Clif, You hit the nail square on the head!! C104 has busted and leaked all over the board! Now I can fix it! Have you seen that problem before or are you just that good??
> ...Bob - W4BBN
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > A quick glance at the SM shows the ALC is applied equally to SSB and CW. Were it the problem it would affect both equally.
> >
> > My money says C104 has leaked and causing problems with the 455 IF filters. This is prior to the cw being injected and would not affect CW operation. Most likely the filters will have to be removed and the board cleaned as well as repairing damaged traces and thru holes.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> > >
> > > Clif,
> > > It does the same on all bands. CW, FSK and FM carrier power is not affected. Just SSB, acts almost like you cut the mike input level by 10dB or more. Different kenwood mikes provide same results. Once the rig gets stone cold it will start out with full power ssb and then drop off within a couple of minutes. It may be in the ALC circuit.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > What band?
> > > > What does it do in CW mode?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Bob" <w4bbn@> wrote:
> > > > >
> > > > > I wonder if anyone has experienced this problem? When rig is cold SSB power out is fine and ALC meter reads properly with mic gain at about 10 oclock. After few minutes of

rig being on (not necessarily transmitting) there is not enough transmit audio to even create any ALC with mic gain at full and PEP power drops to less than 30 watts using a true peak reading meter. Audio level coming from IC15 into IC8 (balanced Modulator) looks good.
> > > > > Thanks,
> > > > > Bob - W4BBN
> > > > >
> > > > >
> > > >
> > >
> >

10319. Re: TS-450 SSB power drops off after warm-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 01:15:23 UTC
From: Bob
Topic: 10310 Message: 10319

Clif is REAL good! I removed the blown cap, cleaned the gunk off of the board, checked all feed-thus, replaced the cap and it is repaired.
Clif - Thanks so much, you made a difficult job easy - my 4" lighted magnifier allowed me to see the blown capacitor Hi.

--- In TS-850_450_690@...m, "Tom Osborne" <w7why@...> wrote:
>
> Yep, he's pretty good :-) 73
> Tom W7WHY
>
>
>
>
> Clif, You hit the nail square on the head!! C104 has busted and leaked all
> over the board! Now I can fix it! Have you seen that problem before or are
> you just that good??
> ...Bob - W4BBN
>

10320. TS950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 00:59:07 UTC
From: Alex
Topic: 10320 Message: 10320

Hi to all,
This is off the group model but i need help for this radio. Hope someone can give advice and help.

I have in my table a fellow ham 9TS50SDX, the radio shows problem, when first power ON the meter display full scale and can not receive signal after a few seconds the meter will flicker up and down and the receive will also on and off on strong signal. After the receive comes in, i will try to TX but after PTT release the meter becomes full scale again flicker and flactuates and i will wait until it will rx again. After maybe 15mins when the radio warms up all will become normal.

Is this AGC problem same as the 450 or 690? or something to do with the TX/RX switching. I bit confused where to look in with. Can someone help especially clif.

Thank you,
Alex

10321. RF Unit or repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 01:39:25 UTC
From: Michael Champion
Topic: 10321 Message: 10321

I have a TS-850. I need to replace L65 in the IF out circuit.

I have an LP-PAN connected to the IF out port. The (-) lead for the LP-PAN was loose and when I pulled the power supply out to remedy the problem it touched the + side of the supply. Unfortunately this burnt a trace in the LP-PAN and also popped the secondary(or primary) in L65. I am fairly certain of this since the only resistance I can measure is the resistor (56 ohms) that is in series with that winding.

Is there a source for that part? Or does someone have an RF board they want to sell?

The service manual has L65 listed as part # L34-0781-05

Thanks,

-Michael

[Non-text portions of this message have been removed]

10322. RE: [TS-850_450_690] TS950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 01:24:11 UTC
From: Michael Champion
Topic: 10320 Message: 10322

I'm not an expert and I am sure someone here is but it sounds like the AGC is hanging on. Now how to fix it is beyond me.

-Michael

From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Alex
Sent: Monday, April 04, 2011 5:59 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS950SDX

Hi to all,
This is off the group model but i need help for this radio. Hope someone can give advice and help.

I have in my table a fellow ham 9TS50SDX, the radio shows problem, when first power ON the meter display full scale and can not receive signal after a few seconds the meter will flicker up and down and the receive will also on and off on strong signal. After the receive comes in, i will try to TX but after PTT release the meter becomes full scale again flicker and flactuates and i will wait until it will rx again. After maybe 15mins when the radio warms up all will become normal.

Is this AGC problem same as the 450 or 690? or something to do with the TX/RX switching. I bit confused where to look in with. Can someone help especially clif.

Thank you,
Alex

[Non-text portions of this message have been removed]

10323. Re: RF Unit or repair

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 02:24:59 UTC
From: avvidclif
Topic: 10321 Message: 10323

http://www.kenwoodparts.com

Clif

--- In TS-850_450_690@yahoogroups.com, "Michael Champion" <mikec@...> wrote:
>
> I have a TS-850. I need to replace L65 in the IF out circuit.
>
>
>
> I have an LP-PAN connected to the IF out port. The (-) lead for the
> LP-PAN was loose and when I pulled the power supply out to remedy the
> problem it touched the + side of the supply. Unfortunately this burnt a
> trace in the LP-PAN and also popped the secondary(or primary) in L65.
> I am fairly certain of this since the only resistance I can measure is
> the resistor (56 ohms) that is in series with that winding.
>
>
>
> Is there a source for that part? Or does someone have an RF board they
> want to sell?
>
>
>
> The service manual has L65 listed as part # L34-0781-05
>
>
>
> Thanks,
>
>
>
> -Michael
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10324. Re: TS950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 07:58:53 UTC
From: Alex
Topic: 10320 Message: 10324

Thank you Micheal for the input, still hoping someone have experience this problem and can help or give advice.

73
Alex

--- In TS-850_450_690@yahoogroups.com, "Michael Champion" <mikec@...> wrote:
>
> I'm not an expert and I am sure someone here is but it sounds like the
> AGC is hanging on. Now how to fix it is beyond me.
>
>
>
> -Michael
>
>
>
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Alex
> Sent: Monday, April 04, 2011 5:59 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS950SDX
>
>
>
>
>
>
> Hi to all,
> This is off the group model but i need help for this radio. Hope someone
> can give advice and help.
>
> I have in my table a fellow ham 9TS50SDX, the radio shows problem, when
> first power ON the meter display full scale and can not receive signal
> after a few seconds the meter will flicker up and down and the receive
> will also on and off on strong signal. After the receive comes in, i
> will try to TX but after PTT release the meter becomes full scale again
> flicker and flactuates and i will wait until it will rx again. After
> maybe 15mins when the radio warms up all will become normal.
>
> Is this AGC problem same as the 450 or 690? or something to do with the
> TX/RX switching. I bit confused where to look in with. Can someone help
> especially clif.
>
> Thank you,
> Alex

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10325. Re: 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 16:02:59 UTC
From: cx4bbd
Topic: 10093 Message: 10325

Hi John
Have you found the problem with your 450?
After solved a couple of problems on my rig (HF unit inductor, driver transistor and resistor), I found out that the transmitter doesn't work on 12 and 10 meters. Altough receives perfect there is something wrong perhaps on the pll or car units.
If you or anybody else has experienced this issue before , I am open to any suggestions
Thanks a lot and have a nice day

73
Aldo

--- In TS-850_450_690@yahoogroups.com, "jp.astier" <jpastier@...> wrote:
>
> My TS450S/AT has developed a problem recently. It will no longer transmit on any frequency higher than 21.500 (with or without the ATU on).
>
> The problem began intermittently about 3 months ago but now does not tx at all (on any mode).
>
> Anyone experience this sort of thing?
>
> I just ordered a TS480 but would like to keep the 450 as a backup rig so long as the repair isn't too costly (I bought the rig about a year and a half ago for about $450...).
>
> Any information/advice is most appreciated.
>
> tnx/73
> John, KA8PFA
>

10326. Re: 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-05 17:31:58 UTC
From: avvidclif
Topic: 10093 Message: 10326

Define doesn't work?

Does the display go to dots?
Does it go into TX mode?
What is the current draw in CW mode with power and carrier up?

Clif

--- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@...> wrote:
>
> Hi John
> Have you found the problem with your 450?
> After solved a couple of problems on my rig (HF unit inductor, driver transistor and resistor), I found out that the transmitter doesn't work on 12 and 10 meters. Altough receives perfect there is something wrong perhaps on the pll or car units.
> If you or anybody else has experienced this issue before , I am open to any suggestions
> Thanks a lot and have a nice day
>
> 73
> Aldo
>
>
> --- In TS-850_450_690@yahoogroups.com, "jp.astier" <jpastier@> wrote:
> >
> > My TS450S/AT has developed a problem recently. It will no longer transmit on any frequency higher than 21.500 (with or without the ATU on).
> >
> > The problem began intermittently about 3 months ago but now does not tx at all (on any mode).
> >
> > Anyone experience this sort of thing?
> >
> > I just ordered a TS480 but would like to keep the 450 as a backup rig so long as the repair isn't too costly (I bought the rig about a year and a half ago for about $450...).
> >
> > Any information/advice is most appreciated.
> >
> > tnx/73
> > John, KA8PFA
> >
>

10327. Re: 450S/AT no transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-06 02:14:15 UTC
From: cx4bbd
Topic: 10093 Message: 10327

Hi Clif
I am sorry I was not specific enough on my explanation.
RF is not coming out at the antenna output on that frequency range.
The display shows up the correct frequency (no dots)
The "ON AIR" led lits up
Couldn't measure current because I am using a PS-50 power supply.

I got another message from Manfred DF2PD who suggested the relays on the filter unit.
Well.... I just checked them and found K7 and K14 are both dead (the coil indicates good but the contacts apparently are bad)
So I will order the parts and wait until they arrive.

Thank you very much again for your quick and VERY helpful responses ;)
Have a nice day

73
Aldo

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Define doesn't work?
>
> Does the display go to dots?
> Does it go into TX mode?
> What is the current draw in CW mode with power and carrier up?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cx4bbd" <cx4bbd@> wrote:
> >
> > Hi John
> > Have you found the problem with your 450?
> > After solved a couple of problems on my rig (HF unit inductor, driver transistor and resistor), I found out that the transmitter doesn't work on 12 and 10 meters. Altough receives perfect there is something wrong perhaps on the pll or car units.
> > If you or anybody else has experienced this issue before , I am open to any suggestions
> > Thanks a lot and have a nice day
> >
> > 73
> > Aldo
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "jp.astier" <jpastier@> wrote:
> > >
> > > My TS450S/AT has developed a problem recently. It will no longer transmit on any frequency higher than 21.500 (with or without the ATU on).

> > >
> > > The problem began intermittently about 3 months ago but now does not tx at all (on any mode).
> > >
> > > Anyone experience this sort of thing?
> > >
> > > I just ordered a TS480 but would like to keep the 450 as a backup rig so long as the repair isn't too costly (I bought the rig about a year and a half ago for about $450...).
> > >
> > > Any information/advice is most appreciated.
> > >
> > > tnx/73
> > > John, KA8PFA
> > >
> >
>

10328. TS-850S filter problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-07 11:53:50 UTC
From: F5UL
Topic: 10328 Message: 10328

Hello, all the list!
Good morning! I look fot the help of someone for info about my TS850S and it's 455 kHZ/250 Hz CW filter.
It come from INRAD, and up to now, I did not had any problems with any filter instalation.
Well I recently ordered two CW filters with INRAD, 250 Hz species(!).
The 8.830 one was instaled without any problem. That 455 kHz one did not work!!!
When I select it, whatever position for the 8.830 filter selector, no signal come through the 455 one.
The activation button on top of the TRx are OK, and I did not found any diodes problem.
So can anybody help me by giving me some idea about what I can do? I have the maintenance book for the beast!
Thank you in advance for any help!
F5UL Robert

NB : use my email for direct answer!!! (f5ul at orange dot fr)

[Non-text portions of this message have been removed]

10329. Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-07 15:53:29 UTC
From: F5UL
Topic: 990 Message: 10329

I just joined the list and thought I would introduce myself.

I've been a ham since 1954, (FA8AY, then VE2AFD in 1960, and now F5UL since 1964) and have used a lot of different material since then (Johnson Viking Valiant Tx, Heathkit HW32 then HW101, SP-400 Rx, Colins KWM-2, Yaesu FT-200,Drake TR7, then Elecraft K2 (that is my contest machine, QRP for sure!)

My TS-850 is now my main rig, since two years (end 2008). I really like the 850, and I don't plan on getting rid of it for long time.

I think it has one of the best receivers around.

I currently operate mostly CW or PSK31 and some RTTY and Hellschreiber.

I'm retired now, age 77.
We (YL and myself) sold our house on the French Riviera, and now we live in a small city (SEYNOD), near ANNECY, 40 km south of Geneva.

And we like it!!!

73,
Robert, F5UL

[Non-text portions of this message have been removed]

10330. Re: [TS-850_450_690] Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-07 16:46:54 UTC
From: fyrmandan@aol.com
Topic: 990 Message: 10330

Welcome Robert! You will see that there are many good people on this forum
who are always willing and eager to help!
73's.....Dan

Sent via DROID on Verizon Wireless

-----Original message-----
From: F5UL <f5ul@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thu, Apr 7, 2011 16:05:18 GMT+00:00
Subject: [TS-850_450_690] Introduction

I just joined the list and thought I would introduce myself.

I've been a ham since 1954, (FA8AY, then VE2AFD in 1960, and now F5UL since
1964)
and have used a lot of different material since then (Johnson Viking Valiant
Tx,
Heathkit HW32 then HW101, SP-400 Rx, Colins KWM-2, Yaesu FT-200,Drake TR7,
then Elecraft K2 (that is my contest machine, QRP for sure!)

My TS-850 is now my main rig, since two years (end 2008). I really like the
850, and
I don't plan on getting rid of it for long time.

I think it has one of the best receivers around.

I currently operate mostly CW or PSK31 and some RTTY and Hellschreiber.

I'm retired now, age 77.
We (YL and myself) sold our house on the French Riviera, and now we live in
a small
city (SEYNOD), near ANNECY, 40 km south of Geneva.

And we like it!!!

73,
Robert, F5UL

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10331. Re: [TS-850_450_690] TS-850S filter problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-07 22:49:52 UTC
From: s-roabr@online.no
Topic: 10331 Message: 10331

I had one filter from inrad which was broken brand new. I Got one new ASAP from inrad!

From my HTC, LA6FJA

----- Reply message -----
Fra: "F5UL" <f5ul@...>
Dato: tor., apr. 7, 2011 13:53
Emne: [TS-850_450_690] TS-850S filter problem
Til: <TS-850_450_690@yahoogroups.com>

Hello, all the list!
Good morning! I look fot the help of someone for info about my TS850S and it's 455 kHZ/250 Hz CW filter.
It come from INRAD, and up to now, I did not had any problems with any filter instalation.
Well I recently ordered two CW filters with INRAD, 250 Hz species(!).
The 8.830 one was instaled without any problem. That 455 kHz one did not work!!!
When I select it, whatever position for the 8.830 filter selector, no signal come through the 455 one.
The activation button on top of the TRx are OK, and I did not found any diodes problem.
So can anybody help me by giving me some idea about what I can do? I have the maintenance book for the beast!
Thank you in advance for any help!
F5UL Robert

NB : use my email for direct answer!!! (f5ul at orange dot fr)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10332. kenwood mc85

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-13 12:03:08 UTC
From: eugenelynn123
Topic: 10332 Message: 10332

just got this mic lead 1 works fine lead 2 does not work lead 3 works can someone help with it. yours eugene

10333. RE: [TS-850_450_690] kenwood mc85

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-13 19:39:17 UTC
From: Dave Gmail
Topic: 10332 Message: 10333

If cable number 3 works in position number 2, then I would greatly suspect cable 2 is either bad, wired incorrectly

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of eugenelynn123
Sent: April-13-11 8:03 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] kenwood mc85

just got this mic lead 1 works fine lead 2 does not work lead 3 works can someone help with it. yours eugene

---

THANKS FOR USING TS-850_450_690@...! Groups Links

10334. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-15 14:34:23 UTC
From: kangarooman_01
Topic: 7959 Message: 10334

Well after sorting out the audio problem,bigger troubles have surfaced, I got the dreaded dots on the display.. If i remove cn6 from the carrier unit i get full read out, i realise the dots are vco not locking, after hooking to tp 2 on the PLL board i get full 8 volt reading, with no voltage adjustment on L5 7 or 9... havent had much time to get right into it due to work commitments, does anyone have any suggestions
cheers
Vk4hmd
--- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@...> wrote:
>
> Hi all I am progressing a little further each time i get to look at the radio, have now sorted the no audio problem electro caps were unserviceable.Now to get it to transmit...
> Must say very easy to work on
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Start with a service manual in hand. Go to the RF Board and check for the common 8v line at the TP, then beside it the RXB and TXB (when in tx).
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@> wrote:
> > >
> > > Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> > > Anyone had a similar problem?
> > > Cheers
> > > Vk4HMD
> > >
> >
>

10335. Carrier on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-16 04:51:39 UTC
From: fyrmandan56
Topic: 10335 Message: 10335

Hello group. I've been pickin away at a number of issues on my TS850. Seems I fix one problem and another surfaces.
Just replaced D49 and did the D31 mod and it sure did pick up my hearing! However now, I am showing some carrier while TX on SSB.
Did a quick search on previous posts but didn't find an answer.
Anyone have a suggestion?
Thanx.....Dan

10336. 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-19 02:01:53 UTC
From: Marrc
Topic: 10336 Message: 10336

Hi folks the 850 i just picked up doesn't stop whilst scanning on a squelch-open / signal..
- either in VFO or MEM scan .. my 870 never did either.. i necer did find why.
- am i mlssing something folks please :)

Mark

10337. Hello, and questions.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-19 18:32:23 UTC
From: Ed Roman
Topic: 10337 Message: 10337

Helpful Hams,
Good morning from "sunny" Southern California. New to the group (thanks to all the admins that helped sort through my abundance of non-family-friendly email addresses) and thought I'd say hi.

I am a relatively new General (had my upgrade since 10/2009, but only recently picked up my first TS-130s), so still have a bunch to learn about what does what on even the most basic of radios.

I had a deal cross my path recently that I couldn't pass up, and picked up a TS-850s with an MC-80. I've only been able to tool around with it for a couple of days, sifting through the manual along the way, and I know it has the DRU-2 board as it records things I say when I tell it to, but hoping someone can tell me what other extras might be in there.

I've posted an album with my call (KJ6BGS) with pics of the top where the DRU-2 (and other stuff?) should be, and then the bottom where I think all the filters live...not that I'm certain since I'm still learning what filters do. There's also a pic of the back.

On to the first round of questions:

* I think the IF-10 is already installed, the connector for ACC-1 looks like the right interface, no?

* On the DRU-2...should it retain the recording after the radio (and power supply) powers down? My thought is that it should, and since mine isn't, there's probably an internal battery that needs looking after...but figured I'd make sure before I go digging around.

So far, it receives wonderfully, but the bells and whistles make signals "sound" different than my simpler TS-130...so I need to work my way through all that. No idea how well it transmits but the on-board tuner makes for fantastic SWR on my 20M dipole that I made from bits of wire.

Thanks for your help,
Ed
KJ6BGS

[Non-text portions of this message have been removed]

10338. RE: [TS-850_450_690] 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-19 19:36:42 UTC
From: Dave Gmail
Topic: 10336 Message: 10338

*****Check the menus, I think , for carrier scan or timed scan sounds like yours is on timed scan

Hi folks the 850 i just picked up doesn't stop whilst scanning on a squelch-open / signal.. - either in VFO or MEM scan .. my 870 never did either.. i necer did find why.
- am i mlssing something folks please :)

Mark

THANKS FOR USING TS-850_450_690@...! Groups Links

10339. RE: [TS-850_450_690] Hello, and questions.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-19 19:36:42 UTC
From: Dave Gmail
Topic: 10337 Message: 10339

On to the first round of questions:

* I think the IF-10 is already installed, the connector for ACC-1 looks like the right interface, no?

*****if10 not required as an option. Plug in 6 pin din from if232c or equivelent

* On the DRU-2...should it retain the recording after the radio (and power supply) powers down? My thought is that it should, and since mine isn't, there's probably an internal battery that needs looking after...but figured I'd make sure before I go digging around.

*** there is a battery (not the radio backup) on the dru unit, it may be dead...

10340. Re: [TS-850_450_690] Hello, and questions.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-19 20:08:25 UTC
From: Daniel Raney
Topic: 10337 Message: 10340

Hello Ed,
I tried to respond to this post via my fancy cell phone, but messed up somehow......hope this isn't a duplicate....

I can only offer help on the DRU-2:
Yes, there is a battery on the board and if it is dead, I'm pretty sure you will lose the recording on power down.
The DRU is located under the little top hatch.....but I think it is easier to access it by removing the entire top /cabinet cover. (carefull of the speaker wire)
You will see the DRU as it has a large button type battery that is easily visible.
Once you have the board out, you will need to unsolder the battery. My tip is to install a batter holder that allows for EASY , future battery exchanges. I bought mine at Radio Shack. It will install with only a very small "tweeking" . The battery that will fit in the new holder is a little smaller and with less maH but in my opinion, worth using as battery changes will take about 10 seconds after the mod! PLUS, the replacements are waaaaay easier to get and cheaper than the Kenwood part.
Sorry ED, I'm away from home and I don't have the RS part # in front me but when I get home, I'll be glad to post them if you're interested.

I'm not even going to consider myself an expert but this is just one mod I did that seems to have worked out fine and was VERY easy to do. Please, if anyone has input that corrects anything I said ....PLEASE DO SO !!!!!!

Hope this helps........Dan

-----Original Message-----
From: Ed Roman <ironkitty@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Apr 19, 2011 11:40 am
Subject: [TS-850_450_690] Hello, and questions.

elpful Hams,
ood morning from "sunny" Southern California. New to the group (thanks
o all the admins that helped sort through my abundance of
on-family-friendly email addresses) and thought I'd say hi.
I am a relatively new General (had my upgrade since 10/2009, but only
ecently picked up my first TS-130s), so still have a bunch to learn
bout what does what on even the most basic of radios.
I had a deal cross my path recently that I couldn't pass up, and picked
p a TS-850s with an MC-80. I've only been able to tool around with it
or a couple of days, sifting through the manual along the way, and I
now it has the DRU-2 board as it records things I say when I tell it
o, but hoping someone can tell me what other extras might be in there.
I've posted an album with my call (KJ6BGS) with pics of the top where
he DRU-2 (and other stuff?) should be, and then the bottom where I
hink all the filters live...not that I'm certain since I'm still

earning what filters do. There's also a pic of the back.
On to the first round of questions:
* I think the IF-10 is already installed, the connector for ACC-1
ooks like the right interface, no?
* On the DRU-2...should it retain the recording after the radio (and
ower supply) powers down? My thought is that it should, and since mine
sn't, there's probably an internal battery that needs looking
fter...but figured I'd make sure before I go digging around.
So far, it receives wonderfully, but the bells and whistles make signals
sound" different than my simpler TS-130...so I need to work my way
hrough all that. No idea how well it transmits but the on-board tuner
akes for fantastic SWR on my 20M dipole that I made from bits of wire.
Thanks for your help,
d
J6BGS

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10341. Re: [TS-850_450_690] Hello, and questions.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-20 00:44:42 UTC
From: Jesse Dominguez
Topic: 10337 Message: 10341

I was having the same problem with mine.. I had to position the Slope Tune..
High to the right.. and the Low to the left.. Then it sounded good.. Just my
2 Cent's..
Kc5mah..

On Tue, Apr 19, 2011 at 1:32 PM, Ed Roman <ironkitty@...> wrote:

>
>
>
> Helpful Hams,
> Good morning from "sunny" Southern California. New to the group (thanks
> to all the admins that helped sort through my abundance of
> non-family-friendly email addresses) and thought I'd say hi.
>
> I am a relatively new General (had my upgrade since 10/2009, but only
> recently picked up my first TS-130s), so still have a bunch to learn
> about what does what on even the most basic of radios.
>
> I had a deal cross my path recently that I couldn't pass up, and picked
> up a TS-850s with an MC-80. I've only been able to tool around with it
> for a couple of days, sifting through the manual along the way, and I
> know it has the DRU-2 board as it records things I say when I tell it
> to, but hoping someone can tell me what other extras might be in there.
>
> I've posted an album with my call (KJ6BGS) with pics of the top where
> the DRU-2 (and other stuff?) should be, and then the bottom where I
> think all the filters live...not that I'm certain since I'm still
> learning what filters do. There's also a pic of the back.
>
> On to the first round of questions:
>
> * I think the IF-10 is already installed, the connector for ACC-1
> looks like the right interface, no?
>
> * On the DRU-2...should it retain the recording after the radio (and
> power supply) powers down? My thought is that it should, and since mine
> isn't, there's probably an internal battery that needs looking
> after...but figured I'd make sure before I go digging around.
>
> So far, it receives wonderfully, but the bells and whistles make signals
> "sound" different than my simpler TS-130...so I need to work my way
> through all that. No idea how well it transmits but the on-board tuner
> makes for fantastic SWR on my 20M dipole that I made from bits of wire.
>

> Thanks for your help,
> Ed
> KJ6BGS
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10342. OFf Topic TS-950 Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-20 22:00:03 UTC
From: n6ax
Topic: 10342 Message: 10342

Realizing this is not a TS-950 group, perhaps someone can direct me to some help.
I am working on a 950SDX and it's transmit is very slow to come up (FSK-mode does not reach full output for 6 or 7 seconds, for example).
In addition, maximum power output is about 70 watts....the MRF150s and drivers are fine.

ALC voltage initial setting is within spec.

Output power adjustments do not affect max output.

The problem is on all modes.

Any help is appreciated.

Thanks

John

10343. Re: Hello, and questions.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-21 00:36:55 UTC
From: birchardvilleobservatory
Topic: 10337 Message: 10343

We used to call that "Working as Designed" -- slope tuning reduces the filter bandwidth significantly as you raise the low frequency cut-off, or lower the high frequency cut-off. The "normal" setting for these two controls (lo cut and hi cut) is at their respective extremes.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, Jesse Dominguez <kc5mah@...> wrote:
>
> I was having the same problem with mine.. I had to position the Slope Tune..
> High to the right.. and the Low to the left.. Then it sounded good.. Just my
> 2 Cent's..
> Kc5mah..
>
> On Tue, Apr 19, 2011 at 1:32 PM, Ed Roman <ironkitty@...> wrote:
>
> >
> >
> >
> > Helpful Hams,
> > Good morning from "sunny" Southern California. New to the group (thanks
> > to all the admins that helped sort through my abundance of
> > non-family-friendly email addresses) and thought I'd say hi.
> >
> > I am a relatively new General (had my upgrade since 10/2009, but only
> > recently picked up my first TS-130s), so still have a bunch to learn
> > about what does what on even the most basic of radios.
> >
> > I had a deal cross my path recently that I couldn't pass up, and picked
> > up a TS-850s with an MC-80. I've only been able to tool around with it
> > for a couple of days, sifting through the manual along the way, and I
> > know it has the DRU-2 board as it records things I say when I tell it
> > to, but hoping someone can tell me what other extras might be in there.
> >
> > I've posted an album with my call (KJ6BGS) with pics of the top where
> > the DRU-2 (and other stuff?) should be, and then the bottom where I
> > think all the filters live...not that I'm certain since I'm still
> > learning what filters do. There's also a pic of the back.
> >
> > On to the first round of questions:
> >
> > * I think the IF-10 is already installed, the connector for ACC-1
> > looks like the right interface, no?
> >
> > * On the DRU-2...should it retain the recording after the radio (and

> > power supply) powers down? My thought is that it should, and since mine
> > isn't, there's probably an internal battery that needs looking
> > after...but figured I'd make sure before I go digging around.
> >
> > So far, it receives wonderfully, but the bells and whistles make signals
> > "sound" different than my simpler TS-130...so I need to work my way
> > through all that. No idea how well it transmits but the on-board tuner
> > makes for fantastic SWR on my 20M dipole that I made from bits of wire.
> >
> > Thanks for your help,
> > Ed
> > KJ6BGS
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10344. itmes for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-22 17:35:34 UTC
From: Dave Gmail
Topic: 10344 Message: 10344

Parting with my ts850 , so offering to users on this group

Asking 850 + shipping costs, comes with manual, hand mike, vs-2. Dru-2 dc -dc board has been replaced, caps have been replaced on car board, att has been fixed

Serial 60 mil +

Email off list ONLY ve3wej@... or ve3wej@...

Dave ve3wej/ve3ie

[Non-text portions of this message have been removed]

10345. Re: [TS-850_450_690] itmes for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-22 23:35:56 UTC
From: eagle one
Topic: 10344 Message: 10345

Please inform us the asking price. 73

Hanafi

--- On Sat, 4/23/11, Dave Gmail <ve3wej@...> wrote:

From: Dave Gmail <ve3wej@gmail.com>
Subject: [TS-850_450_690] itmes for sale
To: TS-850_450_690@yahoogroups.com
Date: Saturday, April 23, 2011, 1:35 AM

Parting with my ts850 , so offering to users on this group

Asking 850 + shipping costs, comes with manual, hand mike, vs-2. Dru-2 dc
-dc board has been replaced, caps have been replaced on car board, att has
been fixed

Serial 60 mil +

Email off list ONLY ve3wej@... or ve3wej@...

Dave ve3wej/ve3ie

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10346. RE: [TS-850_450_690] itmes for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-22 23:36:52 UTC
From: Michael Champion
Topic: 10344 Message: 10346

Asking 850 + shipping costs – as seen below J

-Michael

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@...m] On Behalf Of eagle one
Sent: Friday, April 22, 2011 4:36 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] itmes for sale

Please inform us the asking price. 73

Hanafi

--- On Sat, 4/23/11, Dave Gmail <ve3wej@... <mailto:ve3wej%40gmail.com> > wrote:

From: Dave Gmail <ve3wej@... <mailto:ve3wej%40gmail.com> >
Subject: [TS-850_450_690] itmes for sale
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Date: Saturday, April 23, 2011, 1:35 AM

Parting with my ts850 , so offering to users on this group

Asking 850 + shipping costs, comes with manual, hand mike, vs-2. Dru-2 dc
-dc board has been replaced, caps have been replaced on car board, att has
been fixed

Serial 60 mil +

Email off list ONLY ve3wej@... <mailto:ve3wej%40rac.ca> or ve3wej@gmail.com
<mailto:ve3wej%40gmail.com>

Dave ve3wej/ve3ie

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10347. Re: 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 00:10:36 UTC
From: Marrc
Topic: 10336 Message: 10347

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
> *****Check the menus, I think , for carrier scan or timed scan sounds
> like yours is on timed scan

Thanks Dave .. i dont see any reference to either scan modes in the menus
or elsewhere.. maybe its not supposed to stop on a busy channel !

10348. Re: Carrier on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 00:34:31 UTC
From: Marrc
Topic: 10335 Message: 10348

--- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@...> wrote:
>
> Hello group. I've been pickin away at a number of issues on my TS850. Seems I fix one problem and another surfaces.
> Just replaced D49 and did the D31 mod and it sure did pick up my hearing! However now, I am showing some carrier while TX on SSB.
> Did a quick search on previous posts but didn't find an answer.
> Anyone have a suggestion?
> Thanx.....Dan
>
Most SSB transmitters have a variable resistor to null out the carrier,
the TS 850 is no different in this respect to any other TX, so its likely just
a simple adjustment, usually a tweak of the ' carrier balance ' pot.

seems to be vr8 and vr9 on the IF unit, most sets i have aligned used just one variable resistor for this purpose, so double check this info as i dont know the 850 well yet.

see service manual ' ADJUSTMENT ' item 32 on page 105 of the pdf here Dan. good luck, i've just picked up my first 850 so i'm new to this particular set.

10349. Wanted: Kenwood AT-250

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 03:18:08 UTC
From: k4zot
Topic: 10349 Message: 10349

Does anyone have an AT-250 antenna tuner for sale?

Thanks,

Glenn - K4ZOT

10350. RE: [TS-850_450_690] itmes for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 03:35:42 UTC
From: Dave Gmail
Topic: 10344 Message: 10350

I also asked to be emailed off list...oh well

Thanks for answering Michael

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Michael Champion
Sent: April-22-11 7:37 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] itmes for sale

Asking 850 + shipping costs – as seen below J

-Michael

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of eagle one

Sent: Friday, April 22, 2011 4:36 PM

To: TS-850_450_690@yahoogroups.com

Subject: Re: [TS-850_450_690] itmes for sale

Please inform us the asking price. 73

Hanafi

--- On Sat, 4/23/11, Dave Gmail <ve3wej@... <mailto:ve3wej%40gmail.com> > wrote:

From: Dave Gmail <ve3wej@... <mailto:ve3wej%40gmail.com> >

Subject: [TS-850_450_690] itmes for sale

To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Date: Saturday, April 23, 2011, 1:35 AM

Parting with my ts850 , so offering to users on this group

Asking 850 + shipping costs, comes with manual, hand mike, vs-2. Dru-2 dc

-dc board has been replaced, caps have been replaced on car board, att has

been fixed

Serial 60 mil +

Email off list ONLY ve3wej@... <mailto:ve3wej%40rac.ca> or ve3wej@... <mailto:ve3wej%40gmail.com>

Dave ve3wej/ve3ie

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

10351. RE: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 03:35:42 UTC
From: Dave Gmail
Topic: 10336 Message: 10351

I just tried mine, yeah maybe not supposed to stop.. its been a long time
since I scanned HF bands...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Marrc
Sent: April-22-11 8:11 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
> *****Check the menus, I think , for carrier scan or timed scan sounds
> like yours is on timed scan

Thanks Dave .. i dont see any reference to either scan modes in the menus
or elsewhere.. maybe its not supposed to stop on a busy channel !

THANKS FOR USING TS-850_450_690@...! Groups Links

10352. Re: [TS-850_450_690] Re: Carrier on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 04:21:33 UTC
From: Daniel Raney
Topic: 10335 Message: 10352

Thanx Marrc! I just recieved my service manual today so I'll get on it as soon as I'm done with my Saturday " honey doo" !!!

-----Original Message-----
From: Marrc <mmaarrkk@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Fri, Apr 22, 2011 7:39 pm
Subject: [TS-850_450_690] Re: Carrier on SSB

--- In TS-850_450_690@yahoogroups.com, "fyrmandan56" <fyrmandan@...> wrote:

Hello group. I've been pickin away at a number of issues on my TS850. Seems I
ix one problem and another surfaces.
Just replaced D49 and did the D31 mod and it sure did pick up my hearing!
owever now, I am showing some carrier while TX on SSB.
Did a quick search on previous posts but didn't find an answer.
Anyone have a suggestion?
Thanx.....Dan

ost SSB transmitters have a variable resistor to null out the carrier,
he TS 850 is no different in this respect to any other TX, so its likely just
simple adjustment, usually a tweak of the ' carrier balance ' pot.
seems to be vr8 and vr9 on the IF unit, most sets i have aligned used just one
ariable resistor for this purpose, so double check this info as i dont know the
50 well yet.
see service manual ' ADJUSTMENT ' item 32 on page 105 of the pdf here Dan. good
uck, i've just picked up my first 850 so i'm new to this particular set.

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10353. Re: 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 14:10:57 UTC
From: Marrc
Topic: 10336 Message: 10353

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> I just tried mine, yeah maybe not supposed to stop.. its been a long time
> since I scanned HF bands...

yeah .. i'm a 10m nutter and have been for years, so scanning 'round some 10m freqs in the memories (and stopping on activity) would be nice. Yaesu do it !

strange, a scan that doesn't stop !

10354. Re: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 17:27:22 UTC
From: Jordan
Topic: 10336 Message: 10354

Are you talking about Item 14 Program scan hold ....?
Section 4-10-15 of the Op Manual......

----- Original Message -----
From: Marrc
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 23, 2011 8:10 AM
Subject: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> I just tried mine, yeah maybe not supposed to stop.. its been a long time
> since I scanned HF bands...

yeah .. i'm a 10m nutter and have been for years, so scanning 'round some 10m freqs in the memories (and stopping on activity) would be nice. Yaesu do it !

strange, a scan that doesn't stop !

[Non-text portions of this message have been removed]

10355. RE: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 17:34:56 UTC
From: Dave Gmail
Topic: 10336 Message: 10355

Nope, that is for section 4-12-6.how it reacts when you turn the dial on
scan

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jordan
Sent: April-23-11 1:27 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

Are you talking about Item 14 Program scan hold ....?
Section 4-10-15 of the Op Manual......

----- Original Message -----
From: Marrc
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 23, 2011 8:10 AM
Subject: [TS-850_450_690] Re: 850 memory scan, not stopping on sigs

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> I just tried mine, yeah maybe not supposed to stop.. its been a long
time
> since I scanned HF bands...

yeah .. i'm a 10m nutter and have been for years, so scanning 'round some
10m freqs in the memories (and stopping on activity) would be nice. Yaesu do
it !

strange, a scan that doesn't stop !

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10356. Re: Carrier on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-23 14:07:42 UTC
From: Marrc
Topic: 10335 Message: 10356

> Thanx Marrc! I just recieved my service manual today so I'll get on it as soon as I'm done with my Saturday " honey doo" !!!

yes Dan, i'd certainly have a look at it, but as i have only had the 850 a fortnight so far,
i would re-read the alignment detail in the service manual just to check, but there are several guides 'round the net, the first i found when i got the 850 home was K6LL's on N6Rs site

http://n6tr.jzap.com/850repair.html#TS-850_Carrier_Balance_Adjustment

about 3/4 of the way down the page. hope its just this simple adjustment :)
Good luck Dan !

10357. Re: 850 memory scan, not stopping on sigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-24 17:41:11 UTC
From: Marrc
Topic: 10336 Message: 10357

I just re-read the manual and nowhere does it actually say
it'll stop on a squelch open whils scanning VFO or memories :(

i guess i'll just resign myself to the fact that the TS 850 SAT doesn't stop
on an active freq or mempry channel whilst scanning.
very odd. i wonder if the 450 and 690's stop on 'busy' channels ?

I need a lay down .

10358. TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-24 22:35:08 UTC
From: cardinalekaren
Topic: 10358 Message: 10358

My antena tuner has stop working. with it off my antena reads 1:2 to 1. When I turn on the antena tuner it no longer seems to seek a better SWR. It quickly flashes the display and then the SWR will go to infinity. If I put a dummy load on the rig with nothing else atached the SWR is 1 to 1. If I activate the tuner the SWR will jump up to infinity. I don't here the tuner "working" inside the radio any more?
Help!
Mike N3ROV

10359. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-25 02:17:20 UTC
From: cardinalekaren
Topic: 10358 Message: 10359

--- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@...> wrote:
>
> My antena tuner has stop working. with it off my antena reads 1:2 to 1. When I turn on the antena tuner it no longer seems to seek a better SWR. It quickly flashes the display and then the SWR will go to infinity. If I put a dummy load on the rig with nothing else atached the SWR is 1 to 1. If I activate the tuner the SWR will jump up to infinity. I don't here the tuner "working" inside the radio any more?
> Help!
> Mike N3ROV
>

Ok after doing some more checking it seems that 20meters is the band it is really not working on. Dummy load on 20 is 1 to 1 but with the tuner is goes sky high. But on some of the other bands it is working ok but still not quit right. Witht the dummy load it is 1 to 1 on all bands but if you hit the auto tune button it will tune but the swr will jump ..in most cases to 1:5 to 1. Hit the button a second time and it will then tune 1 to 1. So it is sorta working but not working for 20m. On 20 it trys to tune but auctualy makes it worse.

10360. Re: [TS-850_450_690] TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-25 03:17:10 UTC
From: Jesse Dominguez
Topic: 10358 Message: 10360

i have a ts-850sat and had a similar problem i had to turn the carrier up in order for the tuner to tune..
just my 2 cents..

On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@...> wrote:

>
>
> My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> When I turn on the antena tuner it no longer seems to seek a better SWR. It
> quickly flashes the display and then the SWR will go to infinity. If I put a
> dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> activate the tuner the SWR will jump up to infinity. I don't here the tuner
> "working" inside the radio any more?
> Help!
> Mike N3ROV
>
>
>

[Non-text portions of this message have been removed]

10361. Re: [TS-850_450_690] TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-26 00:19:52 UTC
From: Karen Cardinale
Topic: 10358 Message: 10361

I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.

----- Original Message -----
From: Jesse Dominguez <kc5mah@...>
To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
Subject: Re: [TS-850_450_690] TS450 antena tuner?

i have a ts-850sat and had a similar problem i had to turn the carrier up in

order for the tuner to tune..

just my 2 cents..

On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@...> wrote:

>

>

> My antena tuner has stop working. with it off my antena reads 1:2 to 1.

> When I turn on the antena tuner it no longer seems to seek a better SWR. It

> quickly flashes the display and then the SWR will go to infinity. If I put a

> dummy load on the rig with nothing else atached the SWR is 1 to 1. If I

> activate the tuner the SWR will jump up to infinity. I don't here the tuner

> "working" inside the radio any more?

> Help!

> Mike N3ROV

>

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10362. Re: [TS-850_450_690] TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-26 02:05:17 UTC
From: Mel Cruts
Topic: 10358 Message: 10362

I have found it good with automatic antenna tuners to first tune them to a reliable dummy load and then switch to the antenna. We do not know what settings the antenna tuner starts from and if it is a very bad start setting, it may take it too long to arrive at a good tune-up, thus a tune-time-out stop. I think I first learned this trick with TS-440 many years ago and have found tuners in general will arrive at a good SWR faster if they start from settings for an ideal load, i.e. a 50 ohm dummy load.

This procedure will not solve all problems but it certainly has helped me to reduce my own personal problems. I was just counting in my mind that I've used this procedure on at least six different radios from four different manufacturers.
73,
Mel - KF6OZ

On Tue, 2011-04-26 at 00:19 +0000, Karen Cardinale wrote:

>
>
> I have the CAR control up still no good. The thing is this ts450 will
> tune everything except 20 meters. It tunes the other bands but it
> seems to take 2 tries. 1 attempt will be OK but a second time it will
> bring it down to 1to1. 20 meters doesn't work no matter what. It makes
> the SWR terrible.
>
> ----- Original Message -----
> From: Jesse Dominguez <kc5mah@...>
> To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> Subject: Re: [TS-850_450_690] TS450 antena tuner?
>
> i have a ts-850sat and had a similar problem i had to turn the carrier
> up in
>
> order for the tuner to tune..
>
> just my 2 cents..
>
> On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@...>
> wrote:
>
> >
>
> >
>

> > My antena tuner has stop working. with it off my antena reads 1:2 to
> 1.
>
> > When I turn on the antena tuner it no longer seems to seek a better
> SWR. It
>
> > quickly flashes the display and then the SWR will go to infinity. If
> I put a
>
> > dummy load on the rig with nothing else atached the SWR is 1 to 1.
> If I
>
> > activate the tuner the SWR will jump up to infinity. I don't here
> the tuner
>
> > "working" inside the radio any more?
>
> > Help!
>
> > Mike N3ROV
>
> >
>
> >
>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

10363. Re: [TS-850_450_690] TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-26 02:57:08 UTC
From: Les Jones II
Topic: 10358 Message: 10363

Hello, I would suggest you find someone with an Antenna analyzer. Make
sure the problem is/is not with the antenna. I have used a TS-450SAT enough
to believe it when it said something is wrong with an antenna.
Good Luck! Les 73, NQ0J

On Mon, Apr 25, 2011 at 7:19 PM, Karen Cardinale <cardin3@comcast.net>wrote:

>
>
> I have the CAR control up still no good. The thing is this ts450 will tune
> everything except 20 meters. It tunes the other bands but it seems to take 2
> tries. 1 attempt will be OK but a second time it will bring it down to 1to1.
> 20 meters doesn't work no matter what. It makes the SWR terrible.
>
> ----- Original Message -----
> From: Jesse Dominguez <kc5mah@...>
> To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> Subject: Re: [TS-850_450_690] TS450 antena tuner?
>
> i have a ts-850sat and had a similar problem i had to turn the carrier up
> in
>
> order for the tuner to tune..
>
> just my 2 cents..
>
> On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@...>
> wrote:
>
> >
>
> >
>
> > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
>
> > When I turn on the antena tuner it no longer seems to seek a better SWR.
> It
>
> > quickly flashes the display and then the SWR will go to infinity. If I
> put a
>
> > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
>
> > activate the tuner the SWR will jump up to infinity. I don't here the

> tuner
>
> > "working" inside the radio any more?
>
> > Help!
>
> > Mike N3ROV
>
> >
>
> >
>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Les Jones II
1010 Fredericksburg Rd
Excelsior Springs, Missouri
64024
816-826-6347
NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

10364. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-26 09:34:19 UTC
From: avvidclif
Topic: 10358 Message: 10364

I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@...> wrote:
>
> I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
>
> ----- Original Message -----
> From: Jesse Dominguez <kc5mah@...>
> To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> Subject: Re: [TS-850_450_690] TS450 antena tuner?
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> i have a ts-850sat and had a similar problem i had to turn the carrier up in
>
>
> order for the tuner to tune..
>
>
> just my 2 cents..

>
>
>
> On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@...> wrote:
>
>
>
> >
>
>
> >
>
>
> > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
>
>
> > When I turn on the antena tuner it no longer seems to seek a better SWR. It
>
>
> > quickly flashes the display and then the SWR will go to infinity. If I put a
>
>
> > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
>
>
> > activate the tuner the SWR will jump up to infinity. I don't here the tuner
>
>
> > "working" inside the radio any more?
>
>
> > Help!
>
>
> > Mike N3ROV
>
>
> >
>
>
> >
>
>
> >
>
>
> >
>
>
> [Non-text portions of this message have been removed]
>
>

>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10365. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-27 01:09:09 UTC
From: cardinalekaren
Topic: 10358 Message: 10365

Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro. the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> >
> > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> >
> > ----- Original Message -----
> > From: Jesse Dominguez <kc5mah@>
> > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > Subject: Re: [TS-850_450_690] TS450 antena tuner?
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >

> >
> > i have a ts-850sat and had a similar problem i had to turn the carrier up in
> >
> >
> > order for the tuner to tune..
> >
> >
> > just my 2 cents..
> >
> >
> >
> > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@> wrote:
> >
> >
> >
> > >
> >
> >
> > >
> >
> >
> > > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> >
> >
> > > When I turn on the antena tuner it no longer seems to seek a better SWR. It
> >
> >
> > > quickly flashes the display and then the SWR will go to infinity. If I put a
> >
> >
> > > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> >
> >
> > > activate the tuner the SWR will jump up to infinity. I don't here the tuner
> >
> >
> > > "working" inside the radio any more?
> >
> >
> > > Help!
> >
> >
> > > Mike N3ROV
> >
> >
> > >
> >
> >
> > >
> >

> >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

10366. still no RX audio after C104 replaced

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-27 03:48:04 UTC
From: radio_op
Topic: 10366 Message: 10366

Today I replaced C104 on the IF board because my TS-450S had no RX audio. Nothing from the speaker nor headset. The cap looked bad, looked to have started leaking but no damage to board. After C104 was replaced, I tested the radio and still have no RX audio. I am at a loss. Does anyone have any suggestions I can try?

Thank you,
Bob - K2RET

10367. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-27 18:15:50 UTC
From: avvidclif
Topic: 10358 Message: 10367

K104 is the relay in the tuner that grounds a turn on thefor 20m. If it doesn't work it won't tune. C31 is a 56pf silver mica cap on the tuner input that if flaky causes erratic tuning.

Clif

--- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@...> wrote:
>
> Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro.
> the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> > > >
> > > > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> > > >
> > > > ----- Original Message -----
> > > > From: Jesse Dominguez <kc5mah@>
> > > > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > > > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > > > Subject: Re: [TS-850_450_690] TS450 antena tuner?
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >

> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > i have a ts-850sat and had a similar problem i had to turn the carrier up in
> > >
> > >
> > > order for the tuner to tune..
> > >
> > >
> > > just my 2 cents..
> > >
> > >
> > >
> > > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@> wrote:
> > >
> > >
> > >
> > > >
> > >
> > >
> > > >
> > >
> > >
> > > > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> > >
> > >
> > > > When I turn on the antena tuner it no longer seems to seek a better SWR. It
> > >
> > >
> > > > quickly flashes the display and then the SWR will go to infinity. If I put a
> > >
> > >
> > > > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> > >
> > >
> > > > activate the tuner the SWR will jump up to infinity. I don't here the tuner
> > >
> > >
> > > > "working" inside the radio any more?
> > >
> > >
> > >

> > > > Help!
> > >
> > >
> > > > Mike N3ROV
> > >
> > >
> > > > >
> > >
> > >
> > > > >
> > >
> > >
> > > > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

10368. Re: still no RX audio after C104 replaced

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-27 18:20:01 UTC
From: avvidclif
Topic: 10366 Message: 10368

If the cap leaked onto the board it damaged traces and or thru holes. Look around the area of the cap for bad thru holes. Especially on the cap mounting holes. The audio is routed thru the cap and if it's connections are damaged, no audio.

Check all the thru holes in the area, if they are black they have damage. They should all be copper colored. Look around on other parts of the board for an idea of what they should look like. I have also had the leak damage the connections for the 455 filters located beside the cap.

Clif

--- In TS-850_450_690@yahoogroups.com, "radio_op" <k2ret@...> wrote:
>
> Today I replaced C104 on the IF board because my TS-450S had no RX audio. Nothing from the speaker nor headset. The cap looked bad, looked to have started leaking but no damage to board. After C104 was replaced, I tested the radio and still have no RX audio. I am at a loss. Does anyone have any suggestions I can try?
>
> Thank you,
> Bob - K2RET
>

10369. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-27 23:28:53 UTC
From: cardinalekaren
Topic: 10358 Message: 10369

Thanks Clif, I'll check it out. I have the tuner nearly out of the rig now. Do you think this could have been caused by me doing most of my tuning on 20 meters. I had the rig running thru an external (mfj)tuner and I know I had not switched it to the coax direct more than once and activated the auto tuner in the rig. I also tryed letting the tuner in the rig tune a loop wire that was cut for 80meters.
Mike

--- In TS-850_450_690@...m, "avvidclif" <clif@...> wrote:
>
> K104 is the relay in the tuner that grounds a turn on thefor 20m. If it doesn't work it won't tune. C31 is a 56pf silver mica cap on the tuner input that if flaky causes erratic tuning.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> >
> > Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro.
> > the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> > > >
> > > > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> > > >
> > > > ----- Original Message -----
> > > > From: Jesse Dominguez <kc5mah@>
> > > > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > > > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > > > Subject: Re: [TS-850_450_690] TS450 antena tuner?

> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > i have a ts-850sat and had a similar problem i had to turn the carrier up in
> > > >
> > > >
> > > > order for the tuner to tune..
> > > >
> > > >
> > > > just my 2 cents..
> > > >
> > > >
> > > >
> > > > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@> wrote:
> > > >
> > > >
> > > >
> > > > >
> > > >
> > > >
> > > > >
> > > >
> > > >
> > > > > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> > > >
> > > >
> > > > > When I turn on the antena tuner it no longer seems to seek a better SWR. It
> > > >
> > > >
> > > > > quickly flashes the display and then the SWR will go to infinity. If I put a
> > > >
> > > >

> > > > > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> > > > >
> > > > >
> > > > > activate the tuner the SWR will jump up to infinity. I don't here the tuner
> > > > >
> > > > >
> > > > > "working" inside the radio any more?
> > > > >
> > > > >
> > > > > Help!
> > > > >
> > > > >
> > > > > Mike N3ROV
> > > > >
> > > > >
> > > > > >
> > > > >
> > > > >
> > > > > >
> > > > >
> > > > >
> > > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > >
>

10370. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-28 02:21:55 UTC
From: avvidclif
Topic: 10358 Message: 10370

You're not doing it any favors by repeatedly trying to tune an antenna that it can't handle.

Keep us posted.

Clif

--- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@...> wrote:
>
> Thanks Clif, I'll check it out. I have the tuner nearly out of the rig now. Do you think this could have been caused by me doing most of my tuning on 20 meters. I had the rig running thru an external (mfj)tuner and I know I had not switched it to the coax direct more than once and activated the auto tuner in the rig. I also tryed letting the tuner in the rig tune a loop wire that was cut for 80meters.
> Mike
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > K104 is the relay in the tuner that grounds a turn on thefor 20m. If it doesn't work it won't tune. C31 is a 56pf silver mica cap on the tuner input that if flaky causes erratic tuning.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> > >
> > > Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro.
> > > the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> > > > >
> > > > > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1

attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> > > > >
> > > > > ----- Original Message -----
> > > > > From: Jesse Dominguez <kc5mah@>
> > > > > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > > > > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > > > > Subject: Re: [TS-850_450_690] TS450 antena tuner?
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > i have a ts-850sat and had a similar problem i had to turn the carrier up in
> > > > >
> > > > >
> > > > > order for the tuner to tune..
> > > > >
> > > > >
> > > > > just my 2 cents..
> > > > >
> > > > >
> > > > >
> > > > > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@> wrote:
> > > > >
> > > > >
> > > > >
> > > > > > >
> > > > >
> > > > >
> > > > > > >
> > > > >
> > > > >
> > > > > > > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> > > > >

> > > > >
> > > > > > When I turn on the antena tuner it no longer seems to seek a better SWR. It
> > > > > >
> > > > > >
> > > > > > quickly flashes the display and then the SWR will go to infinity. If I put a
> > > > > >
> > > > > >
> > > > > > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> > > > > >
> > > > > >
> > > > > > activate the tuner the SWR will jump up to infinity. I don't here the tuner
> > > > > >
> > > > > >
> > > > > > "working" inside the radio any more?
> > > > > >
> > > > > >
> > > > > > Help!
> > > > > >
> > > > > >
> > > > > > Mike N3ROV
> > > > > >
> > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > >
> > > >
> > >
>

10371. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-28 22:05:41 UTC
From: cardinalekaren
Topic: 10358 Message: 10371

I figured that it wasn't that good for it. But I guess I hoped the protection circut would keep it safe. Live abd learn. I have the tuner out and can see the relay in question. where is a god place to find a replacment? I also want to change the memory back up batery while I have the rig apart. Any advice for that job?

Mike

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You're not doing it any favors by repeatedly trying to tune an antenna that it can't handle.
>
> Keep us posted.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> >
> > Thanks Clif, I'll check it out. I have the tuner nearly out of the rig now. Do you think this could have been caused by me doing most of my tuning on 20 meters. I had the rig running thru an external (mfj)tuner and I know I had not switched it to the coax direct more than once and activated the auto tuner in the rig. I also tryed letting the tuner in the rig tune a loop wire that was cut for 80meters.
> > Mike
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > K104 is the relay in the tuner that grounds a turn on thefor 20m. If it doesn't work it won't tune. C31 is a 56pf silver mica cap on the tuner input that if flaky causes erratic tuning.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> > > >
> > > > Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro.
> > > > the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54
> > > > >
> > > > >
> > > > >
> > > > >

> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> > > > > >
> > > > > > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> > > > > >
> > > > > > ----- Original Message -----
> > > > > > From: Jesse Dominguez <kc5mah@>
> > > > > > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > > > > > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > > > > > Subject: Re: [TS-850_450_690] TS450 antena tuner?
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > i have a ts-850sat and had a similar problem i had to turn the carrier up in
> > > > > >
> > > > > >
> > > > > > order for the tuner to tune..
> > > > > >
> > > > > >
> > > > > > just my 2 cents..
> > > > > >
> > > > > >
> > > > > >

> > > > > > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@> wrote:
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> > > > > > >
> > > > > > >
> > > > > > > > When I turn on the antena tuner it no longer seems to seek a better SWR. It
> > > > > > >
> > > > > > >
> > > > > > > > quickly flashes the display and then the SWR will go to infinity. If I put a
> > > > > > >
> > > > > > >
> > > > > > > > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> > > > > > >
> > > > > > >
> > > > > > > > activate the tuner the SWR will jump up to infinity. I don't here the tuner
> > > > > > >
> > > > > > >
> > > > > > > > "working" inside the radio any more?
> > > > > > >
> > > > > > >
> > > > > > > > Help!
> > > > > > >
> > > > > > >
> > > > > > > > Mike N3ROV
> > > > > > >
> > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >

> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >

10372. Re: still no RX audio after C104 replaced

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-29 01:21:29 UTC
From: radio_op
Topic: 10366 Message: 10372

Hi Clif,
Well I had a better tech than I look at the radio today. Although I replaced C104 and still had nothing, I may have saved it from the C104 failure before it got worse. What my tech found was the matching PS-53 power supply that I used and gave to him also, had 2 bad pass transistors and a bad driver transistor. The supply was putting out 22VDC. I never thought of checking that. He hooked the rig up to his bench supply and it works perfectly. Guess I learned to always check the obvious....

73' and thanks for the help,
Bob - K2RET

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> If the cap leaked onto the board it damaged traces and or thru holes. Look around the area of the cap for bad thru holes. Especially on the cap mounting holes. The audio is routed thru the cap and if it's connections are damaged, no audio.
>
> Check all the thru holes in the area, if they are black they have damage. They should all be copper colored. Look around on other parts of the board for an idea of what they should look like. I have also had the leak damage the connections for the 455 filters located beside the cap.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "radio_op" <k2ret@> wrote:
> >
> > Today I replaced C104 on the IF board because my TS-450S had no RX audio. Nothing from the speaker nor headset. The cap looked bad, looked to have started leaking but no damage to board. After C104 was replaced, I tested the radio and still have no RX audio. I am at a loss. Does anyone have any suggestions I can try?
> >
> > Thank you,
> > Bob - K2RET
> >
>

10373. Re: still no RX audio after C104 replaced

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-04-29 13:03:10 UTC
From: avvidclif
Topic: 10366 Message: 10373

Cross your fingers. The finals do not like over 18v. They generally open up. Everything else should be fine.

Clif

--- In TS-850_450_690@yahoogroups.com, "radio_op" <k2ret@...> wrote:
>
> Hi Clif,
> Well I had a better tech than I look at the radio today. Although I replaced C104 and still had nothing, I may have saved it from the C104 failure before it got worse. What my tech found was the matching PS-53 power supply that I used and gave to him also, had 2 bad pass transistors and a bad driver transistor. The supply was putting out 22VDC. I never thought of checking that. He hooked the rig up to his bench supply and it works perfectly. Guess I learned to always check the obvious....
>
> 73' and thanks for the help,
> Bob - K2RET
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > If the cap leaked onto the board it damaged traces and or thru holes. Look around the area of the cap for bad thru holes. Especially on the cap mounting holes. The audio is routed thru the cap and if it's connections are damaged, no audio.
> >
> > Check all the thru holes in the area, if they are black they have damage. They should all be copper colored. Look around on other parts of the board for an idea of what they should look like. I have also had the leak damage the connections for the 455 filters located beside the cap.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "radio_op" <k2ret@> wrote:
> > >
> > > Today I replaced C104 on the IF board because my TS-450S had no RX audio. Nothing from the speaker nor headset. The cap looked bad, looked to have started leaking but no damage to board. After C104 was replaced, I tested the radio and still have no RX audio. I am at a loss. Does anyone have any suggestions I can try?
> > >
> > > Thank you,
> > > Bob - K2RET
> > >
> >
>

10374. Double sidebands on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 14:56:33 UTC
From: Robin
Topic: 10374 Message: 10374

Hi,
Iâ□□m new to this group, but have a TS850SAT (second hand) for several years. I use it exclusively for Â« Digital Modes Â» with connection via ACC2.
I notice on receive that there are SSB Â« ghosts Â» ; the receiver is picking up signals equally from USB and from LSB regardless of the SSB mode selected.
As far as I can judge, it only transmits one sideband as selected by the USB/LSB push button (no reports of double sideband transmissions from other hams)
I donâ□□t have a Service Manual and the User Manual is not much help in trying to decide if this is a mal-function or a mal-adjustment of the SSB receive circuit.
Iâ□□ve learned to live with this annoyance, but does anybody else know this problem ... and a solution ?
Thanks.
Robin, 9H1ZZ

10375. Re: Double sidebands on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 15:47:23 UTC
From: cintrans
Topic: 10374 Message: 10375

Robin

Did you notice that the RX pass band is allso very wide?
If so, i had the same issue with my TS-450. Turned out that the 6 KC filter was shorted out... i removed it (new ones no longer availlable), and all is OK now. Ofcourse the 6 KC position does not longer work (no RX) but 2.4 and 12 does, and no more wide RX anymore...
Hope this helps...

73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "Robin" <robin_a_hodgson@...> wrote:
>
> Hi,
> Iâ□□m new to this group, but have a TS850SAT (second hand) for several years. I use it exclusively for Â« Digital Modes Â» with connection via ACC2.
> I notice on receive that there are SSB Â« ghosts Â» ; the receiver is picking up signals equally from USB and from LSB regardless of the SSB mode selected.
> As far as I can judge, it only transmits one sideband as selected by the USB/LSB push button (no reports of double sideband transmissions from other hams)
> I donâ□□t have a Service Manual and the User Manual is not much help in trying to decide if this is a mal-function or a mal-adjustment of the SSB receive circuit.
> Iâ□□ve learned to live with this annoyance, but does anybody else know this problem ... and a solution ?
> Thanks.
> Robin, 9H1ZZ
>

10376. RE: [TS-850_450_690] Re: Double sidebands on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 17:00:29 UTC
From: Dave Gmail
Topic: 10374 Message: 10376

If I remember, a jumper needs to be cut when installing a filter on the 850. So when you remove the filter, maybe the jumper needs to be re-added...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of cintrans
Sent: May-01-11 11:47 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Double sidebands on RX

Robin

Did you notice that the RX pass band is allso very wide?
If so, i had the same issue with my TS-450. Turned out that the 6 KC filter was shorted out... i removed it (new ones no longer availlable), and all is OK now. Ofcourse the 6 KC position does not longer work (no RX) but 2.4 and 12 does, and no more wide RX anymore...
Hope this helps...

73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "Robin" <robin_a_hodgson@...> wrote:
>
> Hi,
> Iâ€™m new to this group, but have a TS850SAT (second hand) for several years. I use it exclusively for Â« Digital Modes Â» with connection via ACC2.
> I notice on receive that there are SSB Â« ghosts Â» ; the receiver is picking up signals equally from USB and from LSB regardless of the SSB mode selected.
> As far as I can judge, it only transmits one sideband as selected by the USB/LSB push button (no reports of double sideband transmissions from other hams)
> I donâ€™t have a Service Manual and the User Manual is not much help in trying to decide if this is a mal-function or a mal-adjustment of the SSB receive circuit.
> Iâ€™ve learned to live with this annoyance, but does anybody else know this problem ... and a solution ?
> Thanks.
> Robin, 9H1ZZ
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10377. Re: [TS-850_450_690] Double sidebands on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 16:49:48 UTC
From: Daniel Raney
Topic: 10374 Message: 10377

Hello Robin,
I too am having the same issue with my 850. I have posted it on here a few months ago and also had replys from a few other operators who are suffering the same annoyance.
At this point, I'm thinking we must have an unusual problem as no one has been able to offer any advice....although one person suggested to adjust the slope controls. This did help my own issue but only in a VERY limited way. I can only get the needed, opposite side band suppression about 10% of the time.....or less. If I change freq. I have to start all over again. I have tried every filter setting, slope, notch and whatever setting possible , to no avail. Please Robin, if you get any private responses on this, will you kindly pass them on to me? FYRMANDAN@aol.com
Thanx to the group......Dan

-----Original Message-----
From: Robin <robin_a_hodgson@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Sun, May 1, 2011 8:17 am
Subject: [TS-850_450_690] Double sidebands on RX

Hi,
â□□m new to this group, but have a TS850SAT (second hand) for several years. I
se it exclusively for Â« Digital Modes Â» with connection via ACC2.
notice on receive that there are SSB Â« ghosts Â» ; the receiver is picking up
ignals equally from USB and from LSB regardless of the SSB mode selected.
s far as I can judge, it only transmits one sideband as selected by the USB/LSB
ush button (no reports of double sideband transmissions from other hams)
donâ□□t have a Service Manual and the User Manual is not much help in trying
o decide if this is a mal-function or a mal-adjustment of the SSB receive
ircuit.
â□□ve learned to live with this annoyance, but does anybody else know this
roblem ... and a solution ?
hanks.
obin, 9H1ZZ

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10378. RE: [TS-850_450_690] Re: Double sidebands on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 17:18:17 UTC
From: Robin Hodgson
Topic: 10374 Message: 10378

Thanks for that info Jean-Pierre. You could be right with your diagnosis.
I always want to operate the rig as wideband as possible, so never tried the filters. The digital mode software does all the processing.
I recall when I first got the rig, I played with the filter buttons but they didnt seem to have much effect, so never bothered anymore.
I will check the filters now to see how they behave, before doing something drastic with screwdrivers, wire cutters and soldering iron.

73 de Robin, 9H1ZZ

To: TS-850_450_690@yahoogroups.com
From: p43a@...
Date: Sun, 1 May 2011 15:47:23 +0000
Subject: [TS-850_450_690] Re: Double sidebands on RX

Robin

Did you notice that the RX pass band is allso very wide?

If so, i had the same issue with my TS-450. Turned out that the 6 KC filter was shorted out... i removed it (new ones no longer availlable), and all is OK now. Ofcourse the 6 KC position does not longer work (no RX) but 2.4 and 12 does, and no more wide RX anymore...

Hope this helps...

73's de P43A, Jean-Pierre

--- In TS-850_450_690@yahoogroups.com, "Robin" <robin_a_hodgson@...> wrote:

>

> Hi,

> I???m new to this group, but have a TS850SAT (second hand) for several years. I use it exclusively for ?? Digital Modes ?? with connection via ACC2.

> I notice on receive that there are SSB ?? ghosts ?? ; the receiver is picking up signals equally from USB and from LSB regardless of the SSB mode selected.

> As far as I can judge, it only transmits one sideband as selected by the USB/LSB push button (no reports of double sideband transmissions from other hams)

> I don???t have a Service Manual and the User Manual is not much help in trying to decide if this is a mal-function or a mal-adjustment of the SSB receive circuit.

> I???ve learned to live with this annoyance, but does anybody else know this problem ... and a solution ?

> Thanks.

> Robin, 9H1ZZ

>

[Non-text portions of this message have been removed]

10379. Travel in Italy this summer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 21:00:59 UTC
From: Dennis
Topic: 10379 Message: 10379

Hi all. I'll be doing some travel in Italy this summer -- for the month of July.

If anyone is around who lives there-abouts, I'd love to meet a fellow ham radio op. Let me know. My email is densteele@...

thanks, Dennis

10380. Re: [TS-850_450_690] Travel in Italy this summer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-01 21:16:14 UTC
From: fyrmandan@aol.com
Topic: 10379 Message: 10380

Great stuff Dennis! I applaud you for reaching out for some possible tabletop DX!
Enjoy your trip and stay safe!

Sent via DROID on Verizon Wireless

-----Original message-----
From: Dennis <densteele@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sun, May 1, 2011 21:01:02 GMT+00:00
Subject: [TS-850_450_690] Travel in Italy this summer

Hi all. I'll be doing some travel in Italy this summer -- for the month of July.

If anyone is around who lives there-abouts, I'd love to meet a fellow ham radio op. Let me know. My email is densteele@...

thanks, Dennis

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10381. AT-250 Tuner : Automatic control from the TS-850S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-02 02:23:30 UTC
From: k4zot
Topic: 10381 Message: 10381

will the TS-850S automatically control the band selection on the AT-250 tuner. I know the AT-250 is really designed for the TS-430. Any help please on how compatible the AT-250 is with the TS-850S.

Thanks very much,

Glenn - K4ZOT

10382. SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-02 05:59:17 UTC
From: kkyahoo
Topic: 10382 Message: 10382

Hi Guys,

Does anyone have an SO-2 TCXO for the TS 850 that they would sell? New or secondhand would be ok.

73's

Kevin

[Non-text portions of this message have been removed]

10383. Re: [TS-850_450_690] AT-250 Tuner : Automatic control from the TS-850S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-02 13:06:55 UTC
From: cparrish104@cfl.rr.com
Topic: 10381 Message: 10383

Hi Glenn,

I checked my TS-850S brochure and, in addition to the AT-850 internal tuner, the only other automatic antenna tuner listed is the AT-300.

73, Curt, K4TL

---- k4zot <packardg@...> wrote:
> will the TS-850S automatically control the band selection on the AT-250 tuner. I know the AT-250 is really designed for the TS-430. Any help please on how compatible the AT-250 is with the TS-850S.
>
> Thanks very much,
>
> Glenn - K4ZOT
>

10384. RE: [TS-850_450_690] Double sidebands on RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-02 16:57:22 UTC
From: Robin Hodgson
Topic: 10374 Message: 10384

Issue identified and eliminated. Incompetent operator problem!
Thanks to Clif for his off-line explanation.

In using digital mode signals with AFSK (400-2600 Hz SSB), the receiver IF filters must be selected for 2.7KHz.
Opening up the IF any wider allows the other sideband to be detected as well.

Hope this helps others with similar operating procedure problems

73

Robin, 9H1ZZ

To: TS-850_450_690@yahoogroups.com
From: robin_a_hodgson@hotmail.com
Date: Sun, 1 May 2011 14:56:33 +0000
Subject: [TS-850_450_690] Double sidebands on RX

Hi,

I'm new to this group, but have a TS850SAT (second hand) for several years. I use it exclusively for " Digital Modes" with connection via ACC2.

I notice on receive that there are SSB "ghosts" ; the receiver is picking up signals equally from USB and from LSB regardless of the SSB mode selected.

As far as I can judge, it only transmits one sideband as selected by the USB/LSB push button (no reports of double sideband transmissions from other hams)

I don't have a Service Manual and the User Manual is not much help in trying to decide if this is a mal-function or a mal-adjustment of the SSB receive circuit.

I've learned to live with this annoyance, but does anybody else know this problem ... and a solution ?

Thanks.

Robin, 9H1ZZ

[Non-text portions of this message have been removed]

10385. Re: still no RX audio after C104 replaced

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-02 17:26:37 UTC
From: radio_op
Topic: 10366 Message: 10385

Well Clif,
According to the tech that has the radio now, the rig is fine, full power out on all modes. At least something went right....

Bob - K2RET

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Cross your fingers. The finals do not like over 18v. They generally open up. Everything else should be fine.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "radio_op" <k2ret@> wrote:
> >
> > Hi Clif,
> > Well I had a better tech than I look at the radio today. Although I replaced C104 and still had nothing, I may have saved it from the C104 failure before it got worse. What my tech found was the matching PS-53 power supply that I used and gave to him also, had 2 bad pass transistors and a bad driver transistor. The supply was putting out 22VDC. I never thought of checking that. He hooked the rig up to his bench supply and it works perfectly. Guess I learned to always check the obvious....
> >
> > 73' and thanks for the help,
> > Bob - K2RET
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > If the cap leaked onto the board it damaged traces and or thru holes. Look around the area of the cap for bad thru holes. Especially on the cap mounting holes. The audio is routed thru the cap and if it's connections are damaged, no audio.
> > >
> > > Check all the thru holes in the area, if they are black they have damage. They should all be copper colored. Look around on other parts of the board for an idea of what they should look like. I have also had the leak damage the connections for the 455 filters located beside the cap.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "radio_op" <k2ret@> wrote:
> > > >
> > > > Today I replaced C104 on the IF board because my TS-450S had no RX audio. Nothing from the speaker nor headset. The cap looked bad, looked to have started leaking but no damage to board. After C104 was replaced, I tested the radio and still have no RX audio. I

am at a loss. Does anyone have any suggestions I can try?
> > > >
> > > > Thank you,
> > > > Bob - K2RET
> > > >
> > >
> >
>

10386. RE: [TS-850_450_690] AT-250 Tuner : Automatic control from the TS-850S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-02 19:22:19 UTC
From: Dave Gmail
Topic: 10381 Message: 10386

It will tune, but manually only.....

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of cparrish104@...
Sent: May-02-11 9:07 AM
To: TS-850_450_690@yahoogroups.com
Cc: k4zot
Subject: Re: [TS-850_450_690] AT-250 Tuner : Automatic control from the TS-850S?

Hi Glenn,

I checked my TS-850S brochure and, in addition to the AT-850 internal tuner, the only other automatic antenna tuner listed is the AT-300.

73, Curt, K4TL

---- k4zot <packardg@bellsouth.net> wrote:
> will the TS-850S automatically control the band selection on the AT-250 tuner. I know the AT-250 is really designed for the TS-430. Any help please on how compatible the AT-250 is with the TS-850S.
>
> Thanks very much,
>
> Glenn - K4ZOT
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10387. TS 850 Fan question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-03 17:01:07 UTC
From: kkyahoo
Topic: 10387 Message: 10387

Hello to all,

Quick question: Is the fan supposed to operate on transmit at initial press of the ptt or should it only operate when a certain temperature is reached?

73s

G8LYV, Kevin

[Non-text portions of this message have been removed]

10388. Re: TS 850 Fan question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-03 20:37:46 UTC
From: espedito rizzuti
Topic: 10387 Message: 10388

the ventilation system operates in two stages when you press the PTT should be running if you keep a long time t the ptt the device goes into automatic cooling even if the fan switch in rx hear that cool this system on all models kenwood
73 de ik8vze espedito

--- In TS-850_450_690@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Hello to all,
>
> Quick question: Is the fan supposed to operate on transmit at initial press of the ptt or should it only operate when a certain temperature is reached?
>
> 73s
>
> G8LYV, Kevin
>
> [Non-text portions of this message have been removed]
>

10389. Re: SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-04 02:34:20 UTC
From: Bryan
Topic: 10382 Message: 10389

Hi Kevin,

The SO-2 is mighty pricey for what it is. There's a temperature-controlled crystal heater made by Kuhne Electronic (http://www.kuhne-electronic.de/en/products/crystal-heater/qh-40-a.html). N3BA has a VCTCXO that fits where the SO-2 fits. Even simpler and the least expensive is use of a PTC thermistor that you attach to the 20MHz reference xtal. Damon/KC5CQW came up with that. Details are in message #9150. Total cost: about USD $2.

vy 73,
Bryan WA7PRC

--- Kevin G8LYV queried:
>
> Hi Guys,
>
> Does anyone have an SO-2 TCXO for the TS 850 that they would sell? New or secondhand would be ok.
>
> 73's
>
> Kevin

10390. Re: [TS-850_450_690] Re: SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-04 07:01:07 UTC
From: kkyahoo
Topic: 10382 Message: 10390

Thanks Bryan,

Went for the N3BA TCXO in the end, Bob was very responsive, and only $80 shipped to the UK,

Kevin
----- Original Message -----
From: Bryan
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 04, 2011 3:34 AM
Subject: [TS-850_450_690] Re: SO-2 TCXO

Hi Kevin,

The SO-2 is mighty pricey for what it is. There's a temperature-controlled crystal heater made by Kuhne Electronic (http://www.kuhne-electronic.de/en/products/crystal-heater/qh-40-a.html). N3BA has a VCTCXO that fits where the SO-2 fits. Even simpler and the least expensive is use of a PTC thermistor that you attach to the 20MHz reference xtal. Damon/KC5CQW came up with that. Details are in message #9150. Total cost: about USD $2.

vy 73,
Bryan WA7PRC

--- Kevin G8LYV queried:
>
> Hi Guys,
>
> Does anyone have an SO-2 TCXO for the TS 850 that they would sell? New or secondhand would be ok.
>
> 73's
>
> Kevin

[Non-text portions of this message have been removed]

10391. TS-450 Service Manual Wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-04 19:33:34 UTC
From: infomet2003
Topic: 10391 Message: 10391

Does anyone have a TS-450 Service Manual for sale?
I have one downloaded, but would like to have an original.
Wilson
W4BOH

10392. TS-450 Surge Protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-04 19:35:04 UTC
From: infomet2003
Topic: 10392 Message: 10392

Does anyone have a source for the little surge protector in the glass tube??
Wilson
W4BOH

10393. Re: [TS-850_450_690] TS-450 Surge Protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-05 15:46:43 UTC
From: Ausbin Pippin
Topic: 10392 Message: 10393

They are available from Kenwood. I just bought one for a TS-690SAT and the cost was a little over $12.00. They have a nice site that you just place the part number in and it tells you if the part is available plus the cost of the part. The site is: www.kenwoodparts.com You can order directly from the site and they do have someone that monitors their email because I ask them a question and received a reply back with the answer within 5 minutes. Hope this will help. 73, Ausbin, K5ZRR

--- On Wed, 5/4/11, infomet2003 <infomet@...> wrote:

From: infomet2003 <infomet@embarqmail.com>
Subject: [TS-850_450_690] TS-450 Surge Protector
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, May 4, 2011, 7:35 PM

Does anyone have a source for the little surge protector in the glass tube??
Wilson
W4BOH

[Non-text portions of this message have been removed]

10394. Re: SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-06 01:46:07 UTC
From: Bryan
Topic: 10382 Message: 10394

Groovy! I dug those out of the cobwebs of my memory. :)

73,
Bryan WA7PRC

--- Kevin G8LYV wrote:
>
> Thanks Bryan,
>
> Went for the N3BA TCXO in the end, Bob was very responsive, and only $80 shipped to the UK,
>
> Kevin

10395. just got my TS450SAT in, lets get er working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-06 05:56:47 UTC
From: kf5hiq_ft_worth
Topic: 10395 Message: 10395

1st issue was a good cleaning, tighten the dial shaft nut,and look around inside,

2nd issue, extremely low audio, all 3 outputs, plugged the rear audio out to my stereo in and cranked it to 10 before I could hear anything. Will try the C103? change out and then trace audio back thru the internal amp this weekend, if momma lets me have some me time.

3rd issue, I have two grey coax lines not plugged into anything. One comes from the RF board beneath the IF board, the bend seems to show it may have been routed to where the AT450 plugs into the IF board, the other, with a yellow tape on it seems too short to have gone there and i can't see exactly where it originates from, are these supposed to be plugged in somewhere? Be darned if I can find where.

Previous owner only had 5A ps so I assume it was just used for listening, no mike was with it either. Hope to get this up and going.

Thanks in advance - 73

10396. Re: just got my TS450SAT in, lets get er working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-06 14:05:11 UTC
From: avvidclif
Topic: 10395 Message: 10396

Change C103 and make sure none of the thru-holes are open.

3rd Issue. HUHHHH. The RF board and the IF board are side by side on the bottom of the radio??? The AT450 does not plug into the IF board, neither coax wire. They both plug into the Filter unit, side by side. Figure out which boards you are talking about and we can go from there...

Clif

--- In TS-850_450_690@yahoogroups.com, "kf5hiq_ft_worth" <mccartin_tx@...> wrote:
>
> 1st issue was a good cleaning, tighten the dial shaft nut,and look around inside,
>
> 2nd issue, extremely low audio, all 3 outputs, plugged the rear audio out to my stereo in and cranked it to 10 before I could hear anything. Will try the C103? change out and then trace audio back thru the internal amp this weekend, if momma lets me have some me time.
>
> 3rd issue, I have two grey coax lines not plugged into anything. One comes from the RF board beneath the IF board, the bend seems to show it may have been routed to where the AT450 plugs into the IF board, the other, with a yellow tape on it seems too short to have gone there and i can't see exactly where it originates from, are these supposed to be plugged in somewhere? Be darned if I can find where.
>
> Previous owner only had 5A ps so I assume it was just used for listening, no mike was with it either. Hope to get this up and going.
>
> Thanks in advance - 73
>

10397. question re thermistors in PS-53

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-06 21:58:10 UTC
From: ve1ii
Topic: 10397 Message: 10397

I hope this isn't too far off topic.
I am repairing a PS-53 power supply that was damaged by a near-by lightning strike.
When I started the output voltage was 23 V. After replacing all of the transistors I now have output voltage of 10 volts. The voltage adjustment pot controls the voltage, but 10.4 is the upper limit.
I have not replaced three zeners, two are 9.1 volt and one is 15 volt.
Also there are two thermistors. I don't know how to test them and can not find data on them. I see lots of thermistors on eBay, but no way to tell what ones might be equivalent to the two in the supply. one in the supply is a 32D27 and the other is a 5TP41L.
If anyone can shed some light on this for me, please send a note direct.
I'm still working on my TS-450S which was also damaged. :-(

73,
Bruce, VE1II

10398. Re: just got my TS450SAT in, lets get er working, issue 3 resolved

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-06 23:54:18 UTC
From: kf5hiq_ft_worth
Topic: 10395 Message: 10398

After studing the schematic intently, they fish down to the IF board, must have pulled them up and thriugh during cleaning and forgot

--- In TS-850_450_690@yahoogroups.com, "kf5hiq_ft_worth" <mccartin_tx@...> wrote:
>
> 1st issue was a good cleaning, tighten the dial shaft nut,and look around inside,
>
> 2nd issue, extremely low audio, all 3 outputs, plugged the rear audio out to my stereo in and cranked it to 10 before I could hear anything. Will try the C103? change out and then trace audio back thru the internal amp this weekend, if momma lets me have some me time.
>
> 3rd issue, I have two grey coax lines not plugged into anything. One comes from the RF board beneath the IF board, the bend seems to show it may have been routed to where the AT450 plugs into the IF board, the other, with a yellow tape on it seems too short to have gone there and i can't see exactly where it originates from, are these supposed to be plugged in somewhere? Be darned if I can find where.
>
> Previous owner only had 5A ps so I assume it was just used for listening, no mike was with it either. Hope to get this up and going.
>
> Thanks in advance - 73
>

10399. I have a question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-11 01:30:57 UTC
From: Dave Gmail
Topic: 10399 Message: 10399

When I turn off option 20, in the menu, as the manual states to do, I can NOT use the tuner manually, should I be concerned or was there a serial number that this did not work

A friend pointed this option to me, and showed me how it works on his 690, but even with the option "OFF", my tuner still goes automatic when I hit the at tune button, instead of letting me use the vfo/m ch knobs

Dave ve3wej/ve3ie

[Non-text portions of this message have been removed]

10400. Re: I have a question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-11 15:20:47 UTC
From: avvidclif
Topic: 10399 Message: 10400

What radio. Menu 20 in my book is Memory Protect 1

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> When I turn off option 20, in the menu, as the manual states to do, I can
> NOT use the tuner manually, should I be concerned or was there a serial
> number that this did not work
>
>
>
>
>
> A friend pointed this option to me, and showed me how it works on his 690,
> but even with the option "OFF", my tuner still goes automatic when I hit the
> at tune button, instead of letting me use the vfo/m ch knobs
>
>
>
>
>
>
>
>
>
> Dave ve3wej/ve3ie
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10401. RE: [TS-850_450_690] Re: I have a question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-11 21:29:32 UTC
From: Dave Gmail
Topic: 10399 Message: 10401

Ts850 sorry see page 30 I believe referring to the antenna tuner

>>What radio. Menu 20 in my book is Memory Protect 1
>>Clif

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> When I turn off option 20, in the menu, as the manual states to do, I can
> NOT use the tuner manually, should I be concerned or was there a serial
> number that this did not work
>

10402. Looking for RF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-14 05:19:15 UTC
From: Michael Champion
Topic: 10402 Message: 10402

If anyone is parting out a TS-850, I'm in the market for a working RF Board.

Thanks,

-Michael

[Non-text portions of this message have been removed]

10403. Re: [TS-850_450_690] TS-450 Surge Protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-16 20:35:49 UTC
From: Ausbin Pippin
Topic: 10392 Message: 10403

For your information they were out of the surge protector and had to be ordered from Japan. Even with that it only took around three weeks for all of the items to arrive.

A.G., K5ZRR

--- On Thu, 5/5/11, Ausbin Pippin <k5zrr@...> wrote:

From: Ausbin Pippin <k5zrr@...>
Subject: Re: [TS-850_450_690] TS-450 Surge Protector
To: TS-850_450_690@yahoogroups.com
Date: Thursday, May 5, 2011, 3:46 PM

They are available from Kenwood. I just bought one for a TS-690SAT and the cost was a little over $12.00. They have a nice site that you just place the part number in and it tells you if the part is available plus the cost of the part. The site is: www.kenwoodparts.com You can order directly from the site and they do have someone that monitors their email because I ask them a question and received a reply back with the answer within 5 minutes. Hope this will help. 73, Ausbin, K5ZRR

--- On Wed, 5/4/11, infomet2003 <infomet@...> wrote:

From: infomet2003 <infomet@...>
Subject: [TS-850_450_690] TS-450 Surge Protector
To: TS-850_450_690@...m
Date: Wednesday, May 4, 2011, 7:35 PM

Does anyone have a source for the little surge protector in the glass tube??
Wilson
W4BOH

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10404. TS-850 with oscillating output and more

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-19 18:54:46 UTC
From: Rein A
Topic: 10404 Message: 10404

Hello All,

After many years of reliable service, my trusted TS-850 has started to act up.

Most my usage has been with running digital modes with low output
and matched antenna's and loads.

When I adjust the output to 10 W being it in CW or SSB and go to send
50 % of the time the output comes up as it should. In perhaps 10 %
there will be no output and in the rest, the output comes up as if a
capacitor is charging up/down. Output at max. will be stable and then might drop to zero
and the process repeats. (time constant a few seconds, up to 10/15 seconds.

I listened to the output with another receiver and the drive/modulating signal appears to
be present and constant.
So it appears to happen in the final stages.

The time constant of this seems to depend on set output level.

It appears that in the power output control circuitry , something has a bad contact/relay
or perhaps a semiconductor is acting up.

I looked at the circuitry controlling the output stages, and it appears rather complicated.
Perhaps I can get here some suggestions what this could be or better even where to start to
locate the problem.

Looking forward to suggestions,

73 Rein W6SZ

10405. Re: TS-850 with oscillating output and more

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-19 19:46:54 UTC
From: John
Topic: 10404 Message: 10405

--- In TS-850_450_690@yahoogroups.com, "Rein A" <rein0zn@...> wrote:
>
> Hello All,
>
> After many years of reliable service, my trusted TS-850 has started to act up.
>
> Most my usage has been with running digital modes with low output
> and matched antenna's and loads.
>
> When I adjust the output to 10 W being it in CW or SSB and go to send
> 50 % of the time the output comes up as it should. In perhaps 10 %
> there will be no output and in the rest, the output comes up as if a
> capacitor is charging up/down. Output at max. will be stable and then might drop to zero and the process repeats. (time constant a few seconds, up to 10/15 seconds.
>
> I listened to the output with another receiver and the drive/modulating signal appears to be present and constant.
> So it appears to happen in the final stages.
>
> The time constant of this seems to depend on set output level.
>
> It appears that in the power output control circuitry , something has a bad contact/relay or perhaps a semiconductor is acting up.
>
> I looked at the circuitry controlling the output stages, and it appears rather complicated. Perhaps I can get here some suggestions what this could be or better even where to start to locate the problem.
>
> Looking forward to suggestions,
>
> 73 Rein W6SZ
>
Hi Rein, For what its worth when i read your post DC/DC converter came to mind as the symptoms sound similar with the output of the radio, if you check previous posts you will find loads of info on this and pics in the pics section, hope this helps. John mm3cbo.

10406. Re: TS-850 with oscillating output and more

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-19 21:05:32 UTC
From: Rein A
Topic: 10404 Message: 10406

Hello John,

Thanks much. I see what you mean with the -6 V supply and
all the available info. Great help, I hope.

73 Rein W6SZ

--- In TS-850_450_690@yahoogroups.com, "John" <mm3cbo@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Rein A" <rein0zn@> wrote:
> >
> > Hello All,
> >
> > After many years of reliable service, my trusted TS-850 has started to act up.
> >
> > Most my usage has been with running digital modes with low output
> > and matched antenna's and loads.
> >
> > When I adjust the output to 10 W being it in CW or SSB and go to send
> > 50 % of the time the output comes up as it should. In perhaps 10 %
> > there will be no output and in the rest, the output comes up as if a
> > capacitor is charging up/down. Output at max. will be stable and then might drop to
zero and the process repeats. (time constant a few seconds, up to 10/15 seconds.
> >
> > I listened to the output with another receiver and the drive/modulating signal appears
to be present and constant.
> > So it appears to happen in the final stages.
> >
> > The time constant of this seems to depend on set output level.
> >
> > It appears that in the power output control circuitry , something has a bad
contact/relay or perhaps a semiconductor is acting up.
> >
> > I looked at the circuitry controlling the output stages, and it appears rather
complicated. Perhaps I can get here some suggestions what this could be or better even
where to start to locate the problem.
> >
> > Looking forward to suggestions,
> >
> > 73 Rein W6SZ
> >
> Hi Rein, For what its worth when i read your post DC/DC converter came to mind as the
symptoms sound similar with the output of the radio, if you check previous posts you will
find loads of info on this and pics in the pics section, hope this helps. John mm3cbo.

>

10407. "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-20 08:35:01 UTC
From: rn6lot
Topic: 10407 Message: 10407

Hi All!
during the transport of my TS690 was broken axle of the "MIC" potentiometer
who knows where I can buy this part?
new or used.
I can pay via Paypal only

73 de Oleg

10408. Re: [TS-850_450_690] "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-20 14:24:08 UTC
From: Milton Garb
Topic: 10407 Message: 10408

Oleg,
Check eBay. There are numerous TS-850 parts available there. Pots, complete boards, face plates and filters.
Milt.
W6QE

----- Original Message -----
From: rn6lot
To: TS-850_450_690@yahoogroups.com
Sent: Friday, May 20, 2011 1:35 AM
Subject: [TS-850_450_690] "MIC" potentiometer

Hi All!
during the transport of my TS690 was broken axle of the "MIC" potentiometer
who knows where I can buy this part?
new or used.
I can pay via Paypal only

73 de Oleg

[Non-text portions of this message have been removed]

10409. Re: [TS-850_450_690] "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-20 18:56:40 UTC
From: Oleg V
Topic: 10407 Message: 10409

Thanks, MiltI look on ebay from time to time, but have not yet seen
73 de Oleg

[Non-text portions of this message have been removed]

10410. TS-450 Instability Repair-New Finals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-23 14:08:47 UTC
From: infomet2003
Topic: 10410 Message: 10410

I have had an interesting round of troubleshooting and soldering with my TS-450 lately and would like to see if anyone has seen anything similar. Perhaps my experience will help someone.

Background:
I bought my 450 in like new cond. not long aftr they came out. It belonged to a friend of my bro and had seen little use. I've enjoyed it all these years and think it is a really fine piece of gear. I don't use all its features and have felt no urge for a new rig, until I started having trouble a few months ago. I have operated my 450 head to head with a K-3 and, aside from having more flexible filters and less ringing, the K-3 didn't seem to receive any better! It certainly didn't make me want to spend $2K!

I do some building of tube stuff and fix up some boatanchor gear, so operate relatively little, so the 450 does not have a lot of hours on it. I am surrounded by trees and have been too lazy to put up a tower, so I use a random wire that goes from my basement shack up to a flat top about 100 ft long. I match it with a little MFJ tuner, which gets me to 1:1 SWR on all bands.

A year or so ago, I experienced erratic behavior and difficulty matching my antenna. Being shy about tearing into the unfamiliar guts of the 450, I decided to send it off, a very unusual thing for me to do! Anyhow, I somehow found Clif and sent him the rig, which he fixed (bad relay on filter board) and returned promptly. That was a good experience, except for the Fedex charges!

Trouble:
A few weeks after getting the rig back, I started having more erratic behavior. When I'd tune up, on any band above 40m, I'd get to 1:1 just fine, then after transmitting a short time the SWR would rise! Interestingly, the rig always worked fine into a dummy load! Well, I won't go over all the theories about this (bad tuner, bad coax, bad grounds, bad karma, etc.), except to say that none of them were right. Then a local ham (Terry, WA4BVY) heard the story and immediately suggested that deteriorating junctions in the final transistors could cause my symptoms. Now Terry is a veteran of several companies doing several techie things, including commercial radios and cellphones, so his analyses are always relevant.

Repair:
After hemming and hawing for a few months, I finally decided to show soome character and dig into the 450 myself, figuring there wasn't much to lose and in the worst case I'd end up with a new rig if I killed the 450. I've been offered $200 for it as a parts donor.

After considerable searching, I found replacement finals and ordered them, thereby guaranteeing that I'd have to do the work...can't have $70 worth of unused silicon lying around now, can we? I'd never dealt with transistors with the big solder tabs, so it was with great trepidation that I opened up the 450 and went at it with my old Weller gun, the only iron I have capable of heating such big globs of solder! I was careful, of course, and managed to lift the tabs one at a time and not destroy the circuit board, a major milestone for me!

Then I tinned the backs of the tabs on the new finals, bolted them down, and hit them with the Weller. I got solder to flow under the tabs, so figured I had good connections. Then it was just remembering where all the little screws went and hooking the filter board back up, which was no problem.

Results:
You can bet I was apprehensive when I turned the rig back on! It's a minor job, of course, but I am really leery of all that silicon and delicate hardware, being most at home with tube sockets and filament transformers! Anyhow, the RX came to life and I started feeling better. Not being shy, I checked with Clif a couple of times along the way and he responded generously. Most importantly, he advised careful setting of the bias on the finals, to get proper idlinig current. I knew to do this from the service manual, but the manual procedure is incomplete and garbled, so Clif's directions were crucial! The actual setting was trivial and only took a minute, if that. Double checking and worrying took quite a bit longer!

After reassembling the PA and filter boards and connecting the output and ground points, I tried a couple of low power dits and nothing smoked, so I worked the power up, with dummy load connected, and all was well, to a solid 100W. Now that was exciting! Then the acid test, connecting to the tuner and antenna. Well, to shorten this already long story, all was well and I have 100W on all bands!! Boy am I happy!

Analysis:
It appears that Terry was right on with his analysis. When the poor finals started oscillating on frequencies than the set point, they made all sorts of hash and spurs, which I could see on a spectrum analyzer (Thanks, Wayne, for the IFR loan). This off frequency energy was not tuned by the tuner, of course, so the SWR came up, just as it would have if I'd turned the dial.

Why did I have oscillation with the tuner and not the dummy load you ask. Well I asked too and Terry's answer was that the tuner looks flat to the rig AT THE CARRIER FREQ., but not at other frequencies, so off frequency it was very reactive, presenting high impedances at some frequencies and tempting the finals to act up like bad boys.

Thanks:
I've been hamming for 50+ years and have a good grasp of the basics of most of what we do. Most of my experience is tube related, however, so the bahavior of power transistors is a bit of a mystery to me. I assumed the good performance into the dummy load cleared the finals, so I wouldn't have suspected them without Terry's input.

I can read, but was sure having trouble making sense of the biasing procedure in the service manual. It's a great resource, but the procedure writeup could sure use some improvement. I would have been lost in some obscure menu setup mess if Clif hadn't set me straight and told me to ignore the menu stuff and not worry about having the output of the PA open when setting the bias!

So thanks to Terry for his analysis and to Clif for his advice to me and to the many others I see him helping here on the group!

73,
Wilson
W4BOH

10412. Re: TS-450 Instability Repair-New Finals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-24 00:28:41 UTC
From: wb4kdi
Topic: 10410 Message: 10412

http://www.qsl.net/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

I got mine to behave by changing a 150pf cap to 270pf
across the output transformer. For good measure, I added
a 0.1uf bypass cap at L14. See link above, Final Oscillation.

djb

10413. Re: TS-450 Instability Repair-New Finals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-24 11:58:15 UTC
From: Wilson Lamb
Topic: 10410 Message: 10413

Thanks for that. I now feel I "should" have described my problem on the group and looked at some of this first, but didn't know about the group ot think of looking for it. I also felt that after workiing well so long the cause was likely bad components, not design problems. Of course I may have had both. All is well right now, but I'll do some of this stuff when things are not so busy here, like next winter.

Good job writing it up!
Wilson
W4BOH

10414. TS-850SAT & G5RV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-26 14:57:30 UTC
From: w6qe.milt
Topic: 10414 Message: 10414

I'm getting ready for Field Day and this will be the 1st time I've taken my TS-850SAT into the field.
My question is about the internal antenna tuner: Do you think it will tune a full sized G5RV, or will I have to use an external tuner?
Experienced replies please.
Milt.
W6QE

10415. TS-850SAT, only 10watts on 160M !

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-26 18:38:25 UTC
From: f5bcz
Topic: 10415 Message: 10415

hello All,

I am a new TS-850SAT owner , it works fine except for a power on 160M of no more than 10 watts! However, I have 10 watts until 1.999.9 Mhz and 100 watts from 2.000.0 Mhz (between these two frequencies a relay clicks, probably moving to another LC filter), where does the problem?

Thanks à lot !

10416. Re: [TS-850_450_690] TS-850SAT & G5RV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-26 18:52:12 UTC
From: VA3UE
Topic: 10414 Message: 10416

I've used the internal tuner on my ts-450s/at with a g5rv and it tunes
nicely on all bands that the antenna is designed for.

On Thu, May 26, 2011 at 9:57 AM, w6qe.milt <w6qe@...> wrote:

>
>
> I'm getting ready for Field Day and this will be the 1st time I've taken my
> TS-850SAT into the field.
> My question is about the internal antenna tuner: Do you think it will tune
> a full sized G5RV, or will I have to use an external tuner?
> Experienced replies please.
> Milt.
> W6QE
>
>
>

[Non-text portions of this message have been removed]

10417. Re: [TS-850_450_690] TS-850SAT & G5RV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-26 21:02:57 UTC
From: Mel Cruts
Topic: 10414 Message: 10417

Hi,
I'd expect it to work ok on G5RV. The G5RV I recently repaired by installing a new "Ladder-Grabber" center insulator made the microphone hot (shock) on ten meters. It'd been in a box since I moved to TX from CA 14 yrs ago. It did not have have a choke balun at the transition from twin-line to coax thus allowed the coax feed-line to become RF hot on the shield(common mode currents). I was using a TS-690S/AT to drive the G5RV.

I put a Radio Works Line Isolator in place at the twin-lead/coax transition and grounded the transmitter end of the Line Isolator and that was the end of the hot microphone problem. It seems to tune ok with the internal 690 tuner on all bands from 80 to 10 meters. My G5RV had lowest SWR on 75/80 meters at 3600 Khz so SWR the tuner had to deal with was around 3.5:1 SWR at 3995 Khz.

I would just assume that the TS-850 has an internal tuner with about the same capabilities as my TS-690S/at internal tuner.

Then, I tried the un-thinkable job of tuning on 30, 17 and 12 meters. The G5RV is not designed for the WARC bands. TS-690 internal tuner would not handle the G5RV on the WARC bands. I changed to a LDG KT-100 external auto-tuner and successfully made a match on the WARC bands. Because of the extreme reactive impedance values for the WARC bands, I doubt the efficiency would be any good on the WARC bands but I had to try it just for kicks.
73,
Mel - KF6OZ

On Thu, 2011-05-26 at 14:57 +0000, w6qe.milt wrote:

>
> I'm getting ready for Field Day and this will be the 1st time I've
> taken my TS-850SAT into the field.
> My question is about the internal antenna tuner: Do you think it will
> tune a full sized G5RV, or will I have to use an external tuner?
> Experienced replies please.
> Milt.
> W6QE
>
>
>
>
>

[Non-text portions of this message have been removed]

10418. Re: [TS-850_450_690] TS-850SAT & G5RV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-27 00:26:09 UTC
From: Michael Champion
Topic: 10414 Message: 10418

I have tuned a g5rv and g5rv-double with mine no problem. Although I have had the best luck with a fullwave 160 loop or 80m loop fed with a 4:1 balun and rg8 coax if you have the trees for it.

-Michael

-----Original message-----
From: "w6qe.milt" <w6qe@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thu, May 26, 2011 14:57:30 GMT+00:00
Subject: [TS-850_450_690] TS-850SAT & G5RV

I'm getting ready for Field Day and this will be the 1st time I've taken my TS-850SAT into the field.
My question is about the internal antenna tuner: Do you think it will tune a full sized G5RV, or will I have to use an external tuner?
Experienced replies please.
Milt.
W6QE

[Non-text portions of this message have been removed]

10419. my TS 850 RX cuts out, TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-28 12:18:01 UTC
From: Marrc
Topic: 10419 Message: 10419

Hi folks .. just recently my 850 has started cutting out ..
the RX completely vanishes. when it does this, there is a nouse like a small
relay inside, switching. and that 'relay; clicks again when the set comes back.

and all the while the TX works fine. seems to me that possibly the RX is being muted
as if the set was in TX mode.

when the RX is 'off' - in the fault condition, the set's controls work, can change VFO's,
step through memories, the set beeps on key presses, the lot. the PLL doesn't
seem to be unlocked, nor does the set send any error codes. and it doesn't
seem exactly thermally sensitive ... any ideas ?

Mark

10420. Re: my TS 850 RX cuts out, TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-28 15:17:44 UTC
From: avvidclif
Topic: 10419 Message: 10420

Turn off the squelch.

Clif

--- In TS-850_450_690@yahoogroups.com, "Marrc" <mmaarrkk@...> wrote:
>
> Hi folks .. just recently my 850 has started cutting out ..
> the RX completely vanishes. when it does this, there is a nouse like a small
> relay inside, switching. and that 'relay; clicks again when the set comes back.
>
> and all the while the TX works fine. seems to me that possibly the RX is being muted
> as if the set was in TX mode.
>
> when the RX is 'off' - in the fault condition, the set's controls work, can change VFO's,
> step through memories, the set beeps on key presses, the lot. the PLL doesn't
> seem to be unlocked, nor does the set send any error codes. and it doesn't
> seem exactly thermally sensitive ... any ideas ?
>
> Mark
>

10421. signal meter board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-05-30 20:50:18 UTC
From: Geo
Topic: 10421 Message: 10421

My x59-3830-00 for my ts 850s just went out , and my tecknician says this is what I need now, any help would be appreciated, George in Brighton, Canada
I have been a short time member of this group and enjoy all of the posts

10422. TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-01 20:39:11 UTC
From: Jamey
Topic: 10422 Message: 10422

I just picked up a TS-450S with the tuner and it has a few issues. There is no transmit or receive and the display has shown several different things. It has shown the dreaded dots, hit has shown 8.050, occasionally, a complete frequency will display, but most of the time it displays 0.0 khz. The LSB, USB, CW, and FSK lights are all lit as well. I am guessing the PLL is out of lock based on what I have read. I checked TP3 on the PLL board and it reads 5.02 volts. When pressing the UP or Down button I also hear relays clicking.

Any pointers on where to start or what else to look at?

Thanks,

Jamey WR4JW

10423. Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 01:58:09 UTC
From: avvidclif
Topic: 10422 Message: 10423

Pull the control unit and pray you can fix all the damage caused by the leaking battery.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jamey" <jamey.wright@...> wrote:
>
> I just picked up a TS-450S with the tuner and it has a few issues. There is no transmit or receive and the display has shown several different things. It has shown the dreaded dots, hit has shown 8.050, occasionally, a complete frequency will display, but most of the time it displays 0.0 khz. The LSB, USB, CW, and FSK lights are all lit as well. I am guessing the PLL is out of lock based on what I have read. I checked TP3 on the PLL board and it reads 5.02 volts. When pressing the UP or Down button I also hear relays clicking.
>
> Any pointers on where to start or what else to look at?
>
>
> Thanks,
>
>
> Jamey WR4JW
>

10424. Re: [TS-850_450_690] Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 02:34:08 UTC
From: Jamey Wright
Topic: 10422 Message: 10424

The control unit being the board labelled X46-3120-00? A previous owner has remote mounted the battery to an empty area in the bottom where a filter would be installed. It is wrapped in black tape and has double-sided tape holding it to the board. In any event, the board is exceptionally clean...but... The trace from L4 to D2 has been stripped of the green coating and is bare. D2 doesn't even look like a SMT diode to me (looks kinda like a wire wound resistor) but it doesn't look bad either. It also affects on end of R112 and pin 28 of IC3. All connections appear to be ok but I also have discovered I need a good magnifier (didn't realize how much my vision had changed over the last few years).

Jamey

----- Original Message -----
From: avvidclif [mailto:clif@...]
Sent: Wednesday, June 01, 2011 08:58 PM
To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] Re: TS-450 Issues

Pull the control unit and pray you can fix all the damage caused by the leaking battery.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jamey" <jamey.wright@...> wrote:
>
> I just picked up a TS-450S with the tuner and it has a few issues. There is no transmit or receive and the display has shown several different things. It has shown the dreaded dots, hit has shown 8.050, occasionally, a complete frequency will display, but most of the time it displays 0.0 khz. The LSB, USB, CW, and FSK lights are all lit as well. I am guessing the PLL is out of lock based on what I have read. I checked TP3 on the PLL board and it reads 5.02 volts. When pressing the UP or Down button I also hear relays clicking.
>
> Any pointers on where to start or what else to look at?
>
>
> Thanks,
>
>
> Jamey WR4JW
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10425. Re: [TS-850_450_690] Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 05:04:37 UTC
From: Daniel Raney
Topic: 10422 Message: 10425

Jamey, I can't help you much with your radio's issues but when you commented on needing a magnifier, I thought I would offer this as it is a BIG help for me when dealing with SMTs: My local wal-mart (optical department) has a wall of goodies for us who can't see anything......even if it's right in front of us! I picked up a hand held lense that is almost an inch and a half thick and is roughly the size of hocky puck. This thing is awesome for picking out the finest of detail on those boards! You will even be able to see if a trace is broken , if a solder joint is good, " jumpers" in the solder and even the fine fibers left behind by your Q-tip !
It works best for me to place the board on the bench (that way it's steady, not like my hands after a pot of coffee) then, I put the lens right up close to my eye and scoot my face down close to the board. A small light helps too!
I don't recall how much it cost but I know it wasn't expensive.
Hope this helps.
Dan

-----Original Message-----
From: Jamey Wright <jamey.wright@...>
To: 'TS-850_450_690@yahoogroups.com' <TS-850_450_690@yahoogroups.com>
Sent: Wed, Jun 1, 2011 8:37 pm
Subject: Re: [TS-850_450_690] Re: TS-450 Issues

The control unit being the board labelled X46-3120-00? A previous owner has
emote mounted the battery to an empty area in the bottom where a filter would
e installed. It is wrapped in black tape and has double-sided tape holding it
o the board. In any event, the board is exceptionally clean...but... The trace
rom L4 to D2 has been stripped of the green coating and is bare. D2 doesn't
ven look like a SMT diode to me (looks kinda like a wire wound resistor) but it
oesn't look bad either. It also affects on end of R112 and pin 28 of IC3. All
onnections appear to be ok but I also have discovered I need a good magnifier
didn't realize how much my vision had changed over the last few years).
Jamey
----- Original Message -----
rom: avvidclif [mailto:clif@...]
ent: Wednesday, June 01, 2011 08:58 PM
o: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
ubject: [TS-850_450_690] Re: TS-450 Issues
Pull the control unit and pray you can fix all the damage caused by the leaking
attery.
Clif
--- In TS-850_450_690@yahoogroups.com, "Jamey" <jamey.wright@...> wrote:

I just picked up a TS-450S with the tuner and it has a few issues. There is
o transmit or receive and the display has shown several different things. It
as shown the dreaded dots, hit has shown 8.050, occasionally, a complete
requency will display, but most of the time it displays 0.0 khz. The LSB, USB,
W, and FSK lights are all lit as well. I am guessing the PLL is out of lock

ased on what I have read. I checked TP3 on the PLL board and it reads 5.02 olts. When pressing the UP or Down button I also hear relays clicking.

Any pointers on where to start or what else to look at?

Thanks,

Jamey WR4JW

THANKS FOR USING TS-850_450_690@...! Groups Links

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10426. RE: [TS-850_450_690] Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 13:20:12 UTC
From: Richard Schmuke
Topic: 10422 Message: 10426

The best vision help IMHO is the OptiVISOR. The manufactures' link is below
You can get them at a good coin, stamp or hobby shop. I bought mine at a gem
and mineral show. Many tool room machinist use them also, that is where I
was introduced to them years ago. I would not be without mine. They are
available in different magnifications and focal lengths and you can change
lenses if needed. OptiVISOR is a precision binocular headband magnifier
which permits unrestricted efficiency while reducing eye strain, leaves both
hands free, and allows three dimensional vision. Used by anyone whose
profession or craft requires close accurate work. Can be worn over
prescription or safety eyeglasses.

http://www.doneganoptical.com/optivisor.php

Rich , Kd0zz

Subject: Re: [TS-850_450_690] Re: TS-450 Issues

The control unit being the board labelled X46-3120-00? A previous owner has
emote mounted the battery to an empty area in the bottom where a filter
would
e installed. It is wrapped in black tape and has double-sided tape holding
it
o the board. In any event, the board is exceptionally clean...but... The
trace
rom L4 to D2 has been stripped of the green coating and is bare. D2 doesn't
ven look like a SMT diode to me (looks kinda like a wire wound resistor) but
it
oesn't look bad either. It also affects on end of R112 and pin 28 of IC3.
All
onnections appear to be ok but I also have discovered I need a good
magnifier
didn't realize how much my vision had changed over the last few years).
Jamey
----- Original Message -----
rom: avvidclif [mailto:clif@... <mailto:clif%40avvid.com>]
ent: Wednesday, June 01, 2011 08:58 PM
o: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> >
ubject: [TS-850_450_690] Re: TS-450 Issues
Pull the control unit and pray you can fix all the damage caused by the
leaking
attery.
Clif
--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Jamey" <jamey.wright@...>
wrote:

I just picked up a TS-450S with the tuner and it has a few issues. There is
o transmit or receive and the display has shown several different things. It

as shown the dreaded dots, hit has shown 8.050, occasionally, a complete
requency will display, but most of the time it displays 0.0 khz. The LSB,
USB,
W, and FSK lights are all lit as well. I am guessing the PLL is out of lock
ased on what I have read. I checked TP3 on the PLL board and it reads 5.02
olts. When pressing the UP or Down button I also hear relays clicking.

Any pointers on where to start or what else to look at?

Thanks,

Jamey WR4JW

THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links

---
THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10427. Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 14:02:31 UTC
From: avvidclif
Topic: 10422 Message: 10427

Usually there are bad traces under IC3. Do an ohmmeter check from IC2-IC3 and I think you will find open traces.

Clif

--- In TS-850_450_690@yahoogroups.com, Jamey Wright <jamey.wright@...> wrote:
>
> The control unit being the board labelled X46-3120-00? A previous owner has remote mounted the battery to an empty area in the bottom where a filter would be installed. It is wrapped in black tape and has double-sided tape holding it to the board. In any event, the board is exceptionally clean...but... The trace from L4 to D2 has been stripped of the green coating and is bare. D2 doesn't even look like a SMT diode to me (looks kinda like a wire wound resistor) but it doesn't look bad either. It also affects on end of R112 and pin 28 of IC3. All connections appear to be ok but I also have discovered I need a good magnifier (didn't realize how much my vision had changed over the last few years).
>
> Jamey
>
> ----- Original Message -----
> From: avvidclif [mailto:clif@...]
> Sent: Wednesday, June 01, 2011 08:58 PM
> To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] Re: TS-450 Issues
>
> Pull the control unit and pray you can fix all the damage caused by the leaking battery.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Jamey" <jamey.wright@> wrote:
> >
> > I just picked up a TS-450S with the tuner and it has a few issues. There is no transmit or receive and the display has shown several different things. It has shown the dreaded dots, hit has shown 8.050, occasionally, a complete frequency will display, but most of the time it displays 0.0 khz. The LSB, USB, CW, and FSK lights are all lit as well. I am guessing the PLL is out of lock based on what I have read. I checked TP3 on the PLL board and it reads 5.02 volts. When pressing the UP or Down button I also hear relays clicking.
> >
> > Any pointers on where to start or what else to look at?
> >
> >
> > Thanks,
> >
> >
> > Jamey WR4JW
> >

>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10428. Power Line Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 14:54:25 UTC
From: Gary
Topic: 10428 Message: 10428

Does anyone know of a device that will reduce power line noise? It's more dramatic in my 850 than my Icom.

10429. Re: [TS-850_450_690] Power Line Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 15:21:03 UTC
From: Milton Garb
Topic: 10428 Message: 10429

Do you know the exact source of your noise? I mean, the exact spot that's generating the noise?
Where are you located? Are your power lines above ground, or fed from below ground? May I ask how you know it's power line noise, as opposed to coming from another source?
Milt.
W6QE
----- Original Message -----
From: Gary
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 02, 2011 7:54 AM
Subject: [TS-850_450_690] Power Line Noise?

Does anyone know of a device that will reduce power line noise? It's more dramatic in my 850 than my Icom.

[Non-text portions of this message have been removed]

10430. Re: Power Line Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 15:27:03 UTC
From: avvidclif
Topic: 10428 Message: 10430

Have you done the Noise Blanker Mod??

Clif

--- In TS-850_450_690@yahoogroups.com, "Gary" <cobraman097@...> wrote:
>
> Does anyone know of a device that will reduce power line noise? It's more dramatic in my 850 than my Icom.
>

10431. Re:

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 15:49:58 UTC
From: Gary Okicki
Topic: 10431 Message: 10431

Yes noise blanker has been done. I know it is the power lines. I have high tension lines located in my back yard. It hasn't been bad until lately. My Icom IC-765 has 1 s unit of noise while my 850 has 4. The receive on the 765 is fantastic.

[Non-text portions of this message have been removed]

10432. Re: [TS-850_450_690] Re:

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 17:20:22 UTC
From: Milton Garb
Topic: 10432 Message: 10432

Is it the power line insulators? If so, call your power company. They want to know these things. Could be dirty insulators or arcing insulators.
I had a similar problem, called Southern California Edison. My electrical utilities come to my qth underground, but he found a power pole 3 blocks away that had quite a bit of noise. They cleaned the insulators, replaced a few and my noise has vanished.
----- Original Message -----
From: Gary Okicki
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 02, 2011 8:49 AM
Subject: [TS-850_450_690] Re:

Yes noise blanker has been done. I know it is the power lines. I have high tension lines located in my back yard. It hasn't been bad until lately. My Icom IC-765 has 1 s unit of noise while my 850 has 4. The receive on the 765 is fantastic.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10433. Re: [TS-850_450_690] Re: Power Line Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 18:32:49 UTC
From: Tom Osborne
Topic: 10428 Message: 10433

Does the mod work on the '450? 73
Tom W7WHY

Have you done the Noise Blanker Mod??

Clif

--- In TS-850_450_690@yahoogroups.com, "Gary" <cobraman097@...> wrote:
>
> Does anyone know of a device that will reduce power line noise? It's more
> dramatic in my 850 than my Icom.
>

10434. RE: [TS-850_450_690] Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 19:22:06 UTC
From: Jamey Wright
Topic: 10422 Message: 10434

That being said, if there are indeed bad traces, is the associated circuitry tolerant of short jumpers carefully soldered in to reconnect the circuit paths?

Jamey Wright
WR4JW

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
> 850_450_690@yahoogroups.com] On Behalf Of avvidclif
> Sent: Thursday, June 02, 2011 09:03
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-450 Issues
>
> Usually there are bad traces under IC3. Do an ohmmeter check from IC2-
> IC3 and I think you will find open traces.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Jamey Wright <jamey.wright@...>
> wrote:
> >
> > The control unit being the board labelled X46-3120-00? A previous
> owner has remote mounted the battery to an empty area in the bottom
> where a filter would be installed. It is wrapped in black tape and has
> double-sided tape holding it to the board. In any event, the board is
> exceptionally clean...but... The trace from L4 to D2 has been stripped
> of the green coating and is bare. D2 doesn't even look like a SMT
> diode to me (looks kinda like a wire wound resistor) but it doesn't
> look bad either. It also affects on end of R112 and pin 28 of IC3. All
> connections appear to be ok but I also have discovered I need a good
> magnifier (didn't realize how much my vision had changed over the last
> few years).
> >
> > Jamey
> >
> > ----- Original Message -----
> > From: avvidclif [mailto:clif@...]
> > Sent: Wednesday, June 01, 2011 08:58 PM
> > To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>
> > Subject: [TS-850_450_690] Re: TS-450 Issues
> >
> > Pull the control unit and pray you can fix all the damage caused by
> the leaking battery.
> >
> > Clif

> >
> > --- In TS-850_450_690@yahoogroups.com, "Jamey" <jamey.wright@> wrote:
> > >
> > > I just picked up a TS-450S with the tuner and it has a few issues.
> There is no transmit or receive and the display has shown several
> different things. It has shown the dreaded dots, hit has shown 8.050,
> occasionally, a complete frequency will display, but most of the time
> it displays 0.0 khz. The LSB, USB, CW, and FSK lights are all lit as
> well. I am guessing the PLL is out of lock based on what I have read.
> I checked TP3 on the PLL board and it reads 5.02 volts. When pressing
> the UP or Down button I also hear relays clicking.
> > >
> > > Any pointers on where to start or what else to look at?
> > >
> > >
> > > Thanks,
> > >
> > >
> > > Jamey WR4JW
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

10435. Re: Power Line Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 21:03:10 UTC
From: avvidclif
Topic: 10428 Message: 10435

Different radio...

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Does the mod work on the '450? 73
> Tom W7WHY
>
>
>
> Have you done the Noise Blanker Mod??
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Gary" <cobraman097@> wrote:
> >
> > Does anyone know of a device that will reduce power line noise? It's more
> > dramatic in my 850 than my Icom.
> >
>

10436. Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 21:04:04 UTC
From: avvidclif
Topic: 10422 Message: 10436

That's what I do. I's digital not RF and tolerant of jumpers.

Clif

--- In TS-850_450_690@yahoogroups.com, Jamey Wright <jamey.wright@...> wrote:
>
> That being said, if there are indeed bad traces, is the associated circuitry tolerant of short jumpers carefully soldered in to reconnect the circuit paths?
>
> Jamey Wright
> WR4JW
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-
> > 850_450_690@yahoogroups.com] On Behalf Of avvidclif
> > Sent: Thursday, June 02, 2011 09:03
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Re: TS-450 Issues
> >
> > Usually there are bad traces under IC3. Do an ohmmeter check from IC2-
> > IC3 and I think you will find open traces.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, Jamey Wright <jamey.wright@>
> > wrote:
> > >
> > > The control unit being the board labelled X46-3120-00? A previous
> > owner has remote mounted the battery to an empty area in the bottom
> > where a filter would be installed. It is wrapped in black tape and has
> > double-sided tape holding it to the board. In any event, the board is
> > exceptionally clean...but... The trace from L4 to D2 has been stripped
> > of the green coating and is bare. D2 doesn't even look like a SMT
> > diode to me (looks kinda like a wire wound resistor) but it doesn't
> > look bad either. It also affects on end of R112 and pin 28 of IC3. All
> > connections appear to be ok but I also have discovered I need a good
> > magnifier (didn't realize how much my vision had changed over the last
> > few years).
> > >
> > > Jamey
> > >
> > > ----- Original Message -----
> > > From: avvidclif [mailto:clif@]
> > > Sent: Wednesday, June 01, 2011 08:58 PM
> > > To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>

> > > Subject: [TS-850_450_690] Re: TS-450 Issues
> > >
> > > Pull the control unit and pray you can fix all the damage caused by
> > the leaking battery.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Jamey" <jamey.wright@> wrote:
> > > >
> > > > I just picked up a TS-450S with the tuner and it has a few issues.
> > There is no transmit or receive and the display has shown several
> > different things. It has shown the dreaded dots, hit has shown 8.050,
> > occasionally, a complete frequency will display, but most of the time
> > it displays 0.0 khz. The LSB, USB, CW, and FSK lights are all lit as
> > well. I am guessing the PLL is out of lock based on what I have read.
> > I checked TP3 on the PLL board and it reads 5.02 volts. When pressing
> > the UP or Down button I also hear relays clicking.
> > > >
> > > > Any pointers on where to start or what else to look at?
> > > >
> > > >
> > > > Thanks,
> > > >
> > > >
> > > > Jamey WR4JW
> > > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>

10437. Re: Power Line Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-02 22:25:12 UTC
From: Jesse Dominguez
Topic: 10428 Message: 10437

Have you read on the MFJ-1026. I don't have one but their are some YouTube videos on it. Mite want to check it out.

[Non-text portions of this message have been removed]

10438. TS450S no TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-03 00:29:24 UTC
From: fcp_lopes
Topic: 10438 Message: 10438

Hello everybody after a national contest on HF this weekend, where everything was ok.
I found that, pressing PTT the radio does not TX, tried keyng in CW and also does't work when I click on AT TUNE a morse sound came "CHECK".
Any idea???

The radio: TS450S

Thanks in advance

ct1fac / Fernando

10439. Re: my TS 850 RX cuts out, TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-03 14:17:52 UTC
From: Marrc
Topic: 10419 Message: 10439

LOL - you'll be telling me it needs electricity next ...

10440. the battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-03 18:27:19 UTC
From: villy.madsen
Topic: 10440 Message: 10440

Greetings

my 6xxxx series TS850 pretty much sat on the shelf until I put it into service just about a year ago.

The clock battery is showing no signs of expiring - should I be worried and just replace it - because ???

Villy ve6sq

10441. Re: the battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-03 19:08:21 UTC
From: espedito rizzuti
Topic: 10440 Message: 10441

the battery should measure a voltage of 3 volts can in any case changed upon its original CR2430 Sanyo operation is very delicate and must be done with utmost care circuits are delicate I invite you to see the change on you enclose www.mods.dk <http://www.mods.dk>

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Greetings
>
> my 6xxxx series TS850 pretty much sat on the shelf until I put it into service just about a year ago.
>
> The clock battery is showing no signs of expiring - should I be worried and just replace it - because ???
>
> Villy ve6sq
>

[Non-text portions of this message have been removed]

10442. Thank you KB1OX and everyone in the group!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-04 03:54:03 UTC
From: drelectrode
Topic: 10442 Message: 10442

I'm new to the group as I've just picked up a TS-450, a rig I've always been drawn to from my days of playing with it in the EEB showroom in Vienna Virginia many years ago. I especially liked the quality of the audio.

The new (to me) rig seemed to work fine for a while and then the audio dropped way down and became distorted. I got that feeling in the pit of your stomach you get when you know you're going to have to send your baby off to a complete stranger and hope she comes home all better.

But just before I was going to put out a plea for a competent service person, I thought I'd check the group's archives... and there it was! The discussion of C104 with beautiful photos from KB1OX. I thought what the hell, and opened her up. When I pulled that cap, the black goo on the bottom looked JUST LIKE THE PHOTO. So I unsoldered the original, rooted around in the junk cap drawer for a used replacement, soldered it in and -- budda-bing. She sounds good as new.

Hey thanks to all of you and keep up the good work. Much appreciated.

Larry N3OJD

10443. Re: Thank you KB1OX and everyone in the group!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-04 15:02:13 UTC
From: avvidclif
Topic: 10442 Message: 10443

Now while celebrating; Did you clean all that goo off the board? If not then it will destroy traces and thru holes leaving you with more problems than just low audio.

Clif

--- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@...> wrote:
>
> I'm new to the group as I've just picked up a TS-450, a rig I've always been drawn to from my days of playing with it in the EEB showroom in Vienna Virginia many years ago. I especially liked the quality of the audio.
>
> The new (to me) rig seemed to work fine for a while and then the audio dropped way down and became distorted. I got that feeling in the pit of your stomach you get when you know you're going to have to send your baby off to a complete stranger and hope she comes home all better.
>
> But just before I was going to put out a plea for a competent service person, I thought I'd check the group's archives... and there it was! The discussion of C104 with beautiful photos from KB1OX. I thought what the hell, and opened her up. When I pulled that cap, the black goo on the bottom looked JUST LIKE THE PHOTO. So I unsoldered the original, rooted around in the junk cap drawer for a used replacement, soldered it in and -- budda-bing. She sounds good as new.
>
> Hey thanks to all of you and keep up the good work. Much appreciated.
>
> Larry N3OJD
>

10444. Re: Thank you KB1OX and everyone in the group!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-06 02:45:25 UTC
From: drelectrode
Topic: 10442 Message: 10444

Thanks for the heads up Clif. I tried to clean it up as much as possible. Sure enough there was lots of black goop on the pcb. What sort of issues would I run into if the goo wasn't all cleaned up?

Larry N3OJD

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Now while celebrating; Did you clean all that goo off the board? If not then it will destroy traces and thru holes leaving you with more problems than just low audio.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> >
> > I'm new to the group as I've just picked up a TS-450, a rig I've always been drawn to from my days of playing with it in the EEB showroom in Vienna Virginia many years ago. I especially liked the quality of the audio.
> >
> > The new (to me) rig seemed to work fine for a while and then the audio dropped way down and became distorted. I got that feeling in the pit of your stomach you get when you know you're going to have to send your baby off to a complete stranger and hope she comes home all better.
> >
> > But just before I was going to put out a plea for a competent service person, I thought I'd check the group's archives... and there it was! The discussion of C104 with beautiful photos from KB1OX. I thought what the hell, and opened her up. When I pulled that cap, the black goo on the bottom looked JUST LIKE THE PHOTO. So I unsoldered the original, rooted around in the junk cap drawer for a used replacement, soldered it in and -- budda-bing. She sounds good as new.
> >
> > Hey thanks to all of you and keep up the good work. Much appreciated.
> >
> > Larry N3OJD
> >
>

10445. Re: Thank you KB1OX and everyone in the group!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-06 02:59:06 UTC
From: avvidclif
Topic: 10442 Message: 10445

AGC going crazy, pinning s-meter, loss of rx when that happens.
Loss of RX audio.
Low or no TX power in SSB.

Need I go on? There are several control lines in that area.

Clif

--- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@...> wrote:
>
> Thanks for the heads up Clif. I tried to clean it up as much as possible. Sure enough there was lots of black goop on the pcb. What sort of issues would I run into if the goo wasn't all cleaned up?
>
> Larry N3OJD
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Now while celebrating; Did you clean all that goo off the board? If not then it will destroy traces and thru holes leaving you with more problems than just low audio.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> > >
> > > I'm new to the group as I've just picked up a TS-450, a rig I've always been drawn to from my days of playing with it in the EEB showroom in Vienna Virginia many years ago. I especially liked the quality of the audio.
> > >
> > > The new (to me) rig seemed to work fine for a while and then the audio dropped way down and became distorted. I got that feeling in the pit of your stomach you get when you know you're going to have to send your baby off to a complete stranger and hope she comes home all better.
> > >
> > > But just before I was going to put out a plea for a competent service person, I thought I'd check the group's archives... and there it was! The discussion of C104 with beautiful photos from KB1OX. I thought what the hell, and opened her up. When I pulled that cap, the black goo on the bottom looked JUST LIKE THE PHOTO. So I unsoldered the original, rooted around in the junk cap drawer for a used replacement, soldered it in and -- budda-bing. She sounds good as new.
> > >
> > > Hey thanks to all of you and keep up the good work. Much appreciated.
> > >
> > > Larry N3OJD
> > >

> >
>

10446. RE: [TS-850_450_690] Re: TS-450 Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-06 17:01:28 UTC
From: Jamey Wright
Topic: 10422 Message: 10446

After replacing D2 with a leaded diode (1N4148) and installing 2 jumpers, the radio works great. Hopefully, I'll have time to get on the air with it this week.

Thanks Clif and others that responded

Jamey Wright WR4JW

10447. Anyone know a source for the oval head cabinet screws.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-07 23:54:08 UTC
From: drelectrode
Topic: 10447 Message: 10447

I'm looking for a source for the chrome oval head cabinet screws that hold the outside case on the TS-450.

Thanks
Larry N3OJD

10448. Re: Thank you KB1OX and everyone in the group!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-08 00:14:22 UTC
From: drelectrode
Topic: 10442 Message: 10448

Thanks much Clif. I went back, pulled the replacement cap, and wire brushed all the black goo off the copper traces (without damaging them). Hopefully I'll get another twenty years of problem free service.

Larry

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> AGC going crazy, pinning s-meter, loss of rx when that happens.
> Loss of RX audio.
> Low or no TX power in SSB.
>
> Need I go on? There are several control lines in that area.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> >
> > Thanks for the heads up Clif. I tried to clean it up as much as possible. Sure enough there was lots of black goop on the pcb. What sort of issues would I run into if the goo wasn't all cleaned up?
> >
> > Larry N3OJD
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Now while celebrating; Did you clean all that goo off the board? If not then it will destroy traces and thru holes leaving you with more problems than just low audio.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> > > >
> > > > I'm new to the group as I've just picked up a TS-450, a rig I've always been drawn to from my days of playing with it in the EEB showroom in Vienna Virginia many years ago. I especially liked the quality of the audio.
> > > >
> > > > The new (to me) rig seemed to work fine for a while and then the audio dropped way down and became distorted. I got that feeling in the pit of your stomach you get when you know you're going to have to send your baby off to a complete stranger and hope she comes home all better.
> > > >
> > > > But just before I was going to put out a plea for a competent service person, I thought I'd check the group's archives... and there it was! The discussion of C104 with

beautiful photos from KB1OX. I thought what the hell, and opened her up. When I pulled that cap, the black goo on the bottom looked JUST LIKE THE PHOTO. So I unsoldered the original, rooted around in the junk cap drawer for a used replacement, soldered it in and -- budda-bing. She sounds good as new.
> > > >
> > > > Hey thanks to all of you and keep up the good work. Much appreciated.
> > > > >
> > > > Larry N3OJD
> > > > >
> > > >
> > >
>

10449. Re: Thank you KB1OX and everyone in the group!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-08 02:58:28 UTC
From: avvidclif
Topic: 10442 Message: 10449

That's kinda like cleaning snow from your sidewalk with a leaf rake. You can get most of it but there is still some left. It needs to be chemically cleaned.

A lot of hams may holler foul but the best I have found for cleaning boards of whatever is generic carburetor cleaner from the auto store with a tooth brush for polishing. Just don't get it around any plastic like the front panel or any paint. It melts it. I remove the board from the radio, hose it down, brush it, and hose it again and let it air dry. Cleans electrolytic goop, rosin flux, and about anything else.

If you use that it is at your own risk, just passing along what I have found works.

Clif

PS: Probably not environmentally correct but then I'm not politically correct either....

--- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@...> wrote:
>
> Thanks much Clif. I went back, pulled the replacement cap, and wire brushed all the black goo off the copper traces (without damaging them). Hopefully I'll get another twenty years of problem free service.
>
> Larry
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > AGC going crazy, pinning s-meter, loss of rx when that happens.
> > Loss of RX audio.
> > Low or no TX power in SSB.
> >
> > Need I go on? There are several control lines in that area.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> > >
> > > Thanks for the heads up Clif. I tried to clean it up as much as possible. Sure enough there was lots of black goop on the pcb. What sort of issues would I run into if the goo wasn't all cleaned up?
> > >
> > > Larry N3OJD
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Now while celebrating; Did you clean all that goo off the board? If not then it will destroy traces and thru holes leaving you with more problems than just low audio.

> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> > > > >
> > > > > I'm new to the group as I've just picked up a TS-450, a rig I've always been drawn to from my days of playing with it in the EEB showroom in Vienna Virginia many years ago. I especially liked the quality of the audio.
> > > > >
> > > > > The new (to me) rig seemed to work fine for a while and then the audio dropped way down and became distorted. I got that feeling in the pit of your stomach you get when you know you're going to have to send your baby off to a complete stranger and hope she comes home all better.
> > > > >
> > > > > But just before I was going to put out a plea for a competent service person, I thought I'd check the group's archives... and there it was! The discussion of C104 with beautiful photos from KB1OX. I thought what the hell, and opened her up. When I pulled that cap, the black goo on the bottom looked JUST LIKE THE PHOTO. So I unsoldered the original, rooted around in the junk cap drawer for a used replacement, soldered it in and -- budda-bing. She sounds good as new.
> > > > >
> > > > > Hey thanks to all of you and keep up the good work. Much appreciated.
> > > > >
> > > > > Larry N3OJD
> > > > >
> > > > >
> > > >
> > >
> >

10450. Re: Anyone know a source for the oval head cabinet screws.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-08 13:44:46 UTC
From: VA3UE
Topic: 10447 Message: 10450

I ended up trying on ebay from 450s that were being parted out and on the QTH.com classifieds.

--- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@...> wrote:
>
> I'm looking for a source for the chrome oval head cabinet screws that hold the outside case on the TS-450.
>
> Thanks
> Larry N3OJD
>

10451. Source for a replacement front bail TS-450S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-08 20:03:19 UTC
From: Frank
Topic: 10451 Message: 10451

I just purchased a TS-450S from another ham. He had it mounted in a camper and the front tilt-up bail is missing. I've check Kenwoodparts (both East and West) and it's a discontinued item. Outside of buying a "parts rig," does anyone know of a source for a replacement bail?

Just had it a couple of weeks but, with extra filters installed, it is a sweet RX and I'm getting great reports on TX with a Heil mic.

Frank
K4FMH

10452. TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 14:18:22 UTC
From: n5rk@ymail.com
Topic: 10452 Message: 10452

On 75 meters, the antenna tuner tunes the antenna down to a low swr but will not stop tuning. I can stop it by pressing the tune button or rotating the carrier control counter clockwise. It works fine on the other amateur bands. Is there an adjustment for this problem?

My actual email address is N5RK@.... I monitor the posting but have not posted myself for several years. Yahoo gave me a new email address because I did not remember my password.

Thanks, John N5RK

10453. Re: [TS-850_450_690] TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 16:56:22 UTC
From: Zack Widup
Topic: 10452 Message: 10453

I have had this problem, too. When the antenna isn't QUITE within the range of the auto tuner to match, it won't bring it into the range where it will stop tuning.

I have used three solutions for this:

1) Put up a different antenna for 80. I made a shortened dipole, loaded with coils in the antenna wires. I couldn't fit a full length dipole in my yard so had to settle for one that is 80 feet in total length.

The article I used to design my antenna is in QST, October 2003 p. 28 by Luiz Lopes CT1EOJ, "Designing A Shortened Antenna."

2) Put the tuner in manual tuning mode per the instruction manual and settle for as close as you can get to 1:1 SWR by manually tuning the controls.

3) Use an external tuner that has more range than the TS-850 built-in tuner. Most of the MFJ tuners seem to do fine.

73, Zack W9SZ

On Thu, Jun 9, 2011 at 9:18 AM, n5rk@... <n5rk@...> wrote:

>
>
> On 75 meters, the antenna tuner tunes the antenna down to a low swr but
> will not stop tuning. I can stop it by pressing the tune button or rotating
> the carrier control counter clockwise. It works fine on the other amateur
> bands. Is there an adjustment for this problem?
>
> My actual email address is N5RK@.... I monitor the posting but have
> not posted myself for several years. Yahoo gave me a new email address
> because I did not remember my password.
>
> Thanks, John N5RK
>
>
>

[Non-text portions of this message have been removed]

10454. Re: Anyone know a source for the oval head cabinet screws.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 17:09:28 UTC
From: k4zot
Topic: 10447 Message: 10454

I believe Ken K4EAA has these same screws as the ones that fit the TS-830s hybrids.

http://www.k4eaa.com/parts.htm

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@...> wrote:
>
> I ended up trying on ebay from 450s that were being parted out and on the QTH.com classifieds.
>
> --- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@> wrote:
> >
> > I'm looking for a source for the chrome oval head cabinet screws that hold the outside case on the TS-450.
> >
> > Thanks
> > Larry N3OJD
> >
>

10455. Re: TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 17:14:53 UTC
From: k4zot
Topic: 10452 Message: 10455

I had a similar problem, but on 15 M with my TS-850S and a G5RV antenna. I recently acquired a Kenwood automatic AT-250 tuner to "help" the 850 tune 15 M and they work great together to tune 15 M. If you look inside the AT-250 you will be amazed how well built this tuner is. Plus it has iputs for 4 antennas. Look on eBay they are selling for $200+.

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I have had this problem, too. When the antenna isn't QUITE within the range
> of the auto tuner to match, it won't bring it into the range where it will
> stop tuning.
>
> I have used three solutions for this:
>
> 1) Put up a different antenna for 80. I made a shortened dipole, loaded with
> coils in the antenna wires. I couldn't fit a full length dipole in my yard
> so had to settle for one that is 80 feet in total length.
>
> The article I used to design my antenna is in QST, October 2003 p. 28 by
> Luiz Lopes CT1EOJ, "Designing A Shortened Antenna."
>
> 2) Put the tuner in manual tuning mode per the instruction manual and settle
> for as close as you can get to 1:1 SWR by manually tuning the controls.
>
> 3) Use an external tuner that has more range than the TS-850 built-in tuner.
> Most of the MFJ tuners seem to do fine.
>
> 73, Zack W9SZ
>
>
> On Thu, Jun 9, 2011 at 9:18 AM, n5rk@... <n5rk@...> wrote:
>
> > >
> > >
> > > On 75 meters, the antenna tuner tunes the antenna down to a low swr but
> > > will not stop tuning. I can stop it by pressing the tune button or rotating
> > > the carrier control counter clockwise. It works fine on the other amateur
> > > bands. Is there an adjustment for this problem?
> > >
> > > My actual email address is N5RK@... I monitor the posting but have
> > > not posted myself for several years. Yahoo gave me a new email address
> > > because I did not remember my password.
> > >
> > > Thanks, John N5RK

> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10456. Re: Source for a replacement front bail TS-450S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 17:28:59 UTC
From: k4zot
Topic: 10451 Message: 10456

I believe the entire line of 430/440/450s components use the tilt up bail. You may want to check this out. Of course the 450S probably uses a wider one then the components.

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, "Frank" <frankmhowell@...> wrote:
>
> I just purchased a TS-450S from another ham. He had it mounted in a camper and the front tilt-up bail is missing. I've check Kenwoodparts (both East and West) and it's a discontinued item. Outside of buying a "parts rig," does anyone know of a source for a replacement bail?
>
> Just had it a couple of weeks but, with extra filters installed, it is a sweet RX and I'm getting great reports on TX with a Heil mic.
>
> Frank
> K4FMH
>

10457. Re: [TS-850_450_690] TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 19:08:37 UTC
From: Les Jones II
Topic: 10452 Message: 10457

Hey, You would be well advised to put an antenna analyzer on the antenna and determine what you are asking the tuner to do. They do have a finite working range.Sounds like you are right on the edge. If it will not quite tune a small adjustment of the antenna may be needed. Hopefully you know somebody with an analyzer. Good luck.
73, Les NQ0J

On Thu, Jun 9, 2011 at 9:18 AM, n5rk@... <n5rk@...> wrote:

>
>
> On 75 meters, the antenna tuner tunes the antenna down to a low swr but
> will not stop tuning. I can stop it by pressing the tune button or rotating
> the carrier control counter clockwise. It works fine on the other amateur
> bands. Is there an adjustment for this problem?
>
> My actual email address is N5RK@.... I monitor the posting but have
> not posted myself for several years. Yahoo gave me a new email address
> because I did not remember my password.
>
> Thanks, John N5RK
>
>
>

--
Les Jones II
1010 Fredericksburg Rd
Excelsior Springs, Missouri
64024
816-826-6347
NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

10458. Re: [TS-850_450_690] TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 21:07:12 UTC
From: John Moore
Topic: 10452 Message: 10458

I had another TS-850SAT which I sold and it tuned the antenna just fine, so does my TS-870. The antenna is a full size inverted "V" for 80 and 40. I used a TS-820 and a SWR meter when I originally put the antenna up. I was able to achieve a 1:1 at 3940. I want to sell this TS-850 but I want to make sure everything is working correctly. I thought maybe there was an adjustment to correct the problem. Thanks for ur help. John N5RK

10459. Re: [TS-850_450_690] TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-09 22:26:41 UTC
From: Bob Naylor
Topic: 10452 Message: 10459

You can try changing the length of the feedline. It won't change your SWR but it could change the L and C to something the tuner can work with.
Bob WE6C

--- On Thu, 6/9/11, Les Jones II <kd0nfk73@...> wrote:

From: Les Jones II <kd0nfk73@...>
Subject: Re: [TS-850_450_690] TS 850 Antenna Tuner
To: TS-850_450_690@yahoogroups.com
Date: Thursday, June 9, 2011, 12:08 PM

Hey, You would be well advised to put an antenna analyzer on the antenna and

determine what you are asking the tuner to do. They do have a finite working

range.Sounds like you are right on the edge. If it will not quite tune a

small adjustment of the antenna may be needed. Hopefully you know somebody

with an analyzer. Good luck.

73, Les NQ0J

On Thu, Jun 9, 2011 at 9:18 AM, n5rk@... <n5rk@...> wrote:

>

>

> On 75 meters, the antenna tuner tunes the antenna down to a low swr but

> will not stop tuning. I can stop it by pressing the tune button or rotating

> the carrier control counter clockwise. It works fine on the other amateur

> bands. Is there an adjustment for this problem?

>

> My actual email address is N5RK@.... I monitor the posting but have

> not posted myself for several years. Yahoo gave me a new email address

> because I did not remember my password.

>

> Thanks, John N5RK

>

>

>

--

Les Jones II

1010 Fredericksburg Rd

Excelsior Springs, Missouri

64024

816-826-6347

NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10460. TS 850 + G5RV + Antenna Tuner ..OT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-10 03:47:55 UTC
From: dave schertzer
Topic: 10452 Message: 10460

Hello Gents,

I have a question for the group but might be a bit OT. I was going to attach one end of my 102ft G5RV, but now things have changed with the org. location.

To make things work I need to "cut-off" 6ft from one end or (3ft each side) to attach the ends.

Will this really effect the performance? I mostly use 20+80m, but use other bands on occasion.

Running a TS-850SAT with the internal ant tuner.

Comments? Thanks

[Non-text portions of this message have been removed]

10461. Re: TS 850 + G5RV + Antenna Tuner ..OT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-10 03:55:54 UTC
From: VA3UE
Topic: 10452 Message: 10461

If I had a choice I would not shorten the elements but try to find a way to tie up the excess length somehow. Tie it up inside the space you have and let the slack droop down or tie it back somewhere.

--- In TS-850_450_690@yahoogroups.com, dave schertzer <dmschertzer@...> wrote:
>
> Hello Gents,
>
> I have a question for the group but might be a bit OT. I was going to attach
> one end of my 102ft G5RV, but now things have changed with the org. location.
>
>
> To make things work I need to "cut-off" 6ft from one end or (3ft each side) to
> attach the ends.
>
>
> Will this really effect the performance? I mostly use 20+80m, but use other
> bands on occasion.
>
>
> Running a TS-850SAT with the internal ant tuner.
>
> Comments? Thanks
>
> [Non-text portions of this message have been removed]
>

10462. Re: TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-10 12:55:29 UTC
From: na7i_dick
Topic: 10452 Message: 10462

After reading the replies, I have a question.

It would seem to me that, if the tuner 'tunes the output to a low SWR', what is the problem with going ahead and operating with that setting?

I've had similar experiences; the tuner cranks until a very low swr is indicated. Then I operate. Everything *seems* to work OK.

Do you think this 'tuning spot' is abandoned once the button is pressed again? In that case, I may be shortening the life of the final transistors on my 850.

Dick NA7I
Tubes are better...

--- In TS-850_450_690@yahoogroups.com, "n5rk@..." <n5rk@...> wrote:
>
> On 75 meters, the antenna tuner tunes the antenna down to a low swr but will not stop tuning. I can stop it by pressing the tune button or rotating the carrier control counter clockwise. It works fine on the other amateur bands. Is there an adjustment for this problem?
>
> My actual email address is N5RK@... I monitor the posting but have not posted myself for several years. Yahoo gave me a new email address because I did not remember my password.
>
> Thanks, John N5RK
>

10463. Re: [TS-850_450_690] TS 850 + G5RV + Antenna Tuner ..OT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-10 14:05:27 UTC
From: Les Jones II
Topic: 10452 Message: 10463

Hello, I agree with va3ue, don't cut it. The G5RV antenna was designed to
be used with a tuner and not resonant on any band. Therefore you might
still be able to tune with the 6 feet cut off to some of the bands. Trouble
is we can't guess what you might lose. That is the risk. Won't hurt anything
to let the excess ends hang down or take a slightly circuitous route to use
up length. As always this is a moving target and you just have to try
things until something works. Good Luck
73 Les NQ0J

On Thu, Jun 9, 2011 at 10:47 PM, dave schertzer <dmschertzer@...>wrote:

>
>
> Hello Gents,
>
> I have a question for the group but might be a bit OT. I was going to
> attach
> one end of my 102ft G5RV, but now things have changed with the org.
> location.
>
>
> To make things work I need to "cut-off" 6ft from one end or (3ft each side)
> to
> attach the ends.
>
>
> Will this really effect the performance? I mostly use 20+80m, but use
> other
> bands on occasion.
>
>
> Running a TS-850SAT with the internal ant tuner.
>
> Comments? Thanks
>
> [Non-text portions of this message have been removed]
>
>
>

--
Les Jones II
1010 Fredericksburg Rd
Excelsior Springs, Missouri
64024
816-826-6347

NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

10464. Re: [TS-850_450_690] Re: TS 850 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-10 14:13:20 UTC
From: Les Jones II
Topic: 10452 Message: 10464

Hello, I don't see a problem trying it. Just start with lowered power and work up while monitoring the SWR and power out. If all the power you expect is indicated then things are good. If not, then power is going somewhere else and that is bad. SWR should look bad if that is the case though. My rule of thumb is to get any antenna system (coax, tuner, antenna) to below 1.6 SWR using my analyzer. Then I am confident that the tuner will be able to do its job. You can do the same without the analyzer as suggested above. Good Luck!
73, Les NQ0J

On Fri, Jun 10, 2011 at 7:55 AM, na7i_dick <jrich@...>wrote:

>
>
> After reading the replies, I have a question.
>
> It would seem to me that, if the tuner 'tunes the output to a low SWR',
> what is the problem with going ahead and operating with that setting?
>
> I've had similar experiences; the tuner cranks until a very low swr is
> indicated. Then I operate. Everything *seems* to work OK.
>
> Do you think this 'tuning spot' is abandoned once the button is pressed
> again? In that case, I may be shortening the life of the final transistors
> on my 850.
>
> Dick NA7I
> Tubes are better...
>
> --- In TS-850_450_690@yahoogroups.com, "n5rk@..." <n5rk@...> wrote:
> >
> > On 75 meters, the antenna tuner tunes the antenna down to a low swr but
> will not stop tuning. I can stop it by pressing the tune button or rotating
> the carrier control counter clockwise. It works fine on the other amateur
> bands. Is there an adjustment for this problem?
> >
> > My actual email address is N5RK@... I monitor the posting but have not
> posted myself for several years. Yahoo gave me a new email address because I
> did not remember my password.
> >
> > Thanks, John N5RK
> >
>
>
>

--
Les Jones II
1010 Fredericksburg Rd
Excelsior Springs, Missouri
64024
816-826-6347
NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

10465. Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 16:08:11 UTC
From: cardinalekaren
Topic: 10358 Message: 10465

I did replace the K-104 relay and the C31 the 56pf silver mica cap. I also replaced the back up battery. I'm happy to report the tuner is working great. The dummy load goes right down to 1:1. The antenna is 1.25:1 with no tuner. Hit the tune button and it drops to 1:1. Thanks all for the excelent advice. I'm sold on this news groups stuff, never did this befor but the advice was first class. I will be reading much more here.

73. Mike

--- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@...> wrote:
>
> I figured that it wasn't that good for it. But I guess I hoped the protection circut would keep it safe. Live abd learn. I have the tuner out and can see the relay in question. where is a god place to find a replacment? I also want to change the memory back up batery while I have the rig apart. Any advice for that job?
>
> Mike
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You're not doing it any favors by repeatedly trying to tune an antenna that it can't handle.
> >
> > Keep us posted.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> > >
> > > Thanks Clif, I'll check it out. I have the tuner nearly out of the rig now. Do you think this could have been caused by me doing most of my tuning on 20 meters. I had the rig running thru an external (mfj)tuner and I know I had not switched it to the coax direct more than once and activated the auto tuner in the rig. I also tryed letting the tuner in the rig tune a loop wire that was cut for 80meters.
> > > Mike
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > K104 is the relay in the tuner that grounds a turn on thefor 20m. If it doesn't work it won't tune. C31 is a 56pf silver mica cap on the tuner input that if flaky causes erratic tuning.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> > > > >

> > > > > Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro.
> > > > > the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> > > > > > >
> > > > > > > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> > > > > > >
> > > > > > > ----- Original Message -----
> > > > > > > From: Jesse Dominguez <kc5mah@>
> > > > > > > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > > > > > > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > > > > > > Subject: Re: [TS-850_450_690] TS450 antena tuner?
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >

> > > > > > > i have a ts-850sat and had a similar problem i had to turn the carrier up in
> > > > > > > >
> > > > > > > >
> > > > > > > > order for the tuner to tune..
> > > > > > > >
> > > > > > > >
> > > > > > > > just my 2 cents..
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@> wrote:
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > > My antena tuner has stop working. with it off my antena reads 1:2 to 1.
> > > > > > > >
> > > > > > > >
> > > > > > > > > When I turn on the antena tuner it no longer seems to seek a better SWR. It
> > > > > > > >
> > > > > > > >
> > > > > > > > > quickly flashes the display and then the SWR will go to infinity. If I put
a
> > > > > > > >
> > > > > > > >
> > > > > > > > > dummy load on the rig with nothing else atached the SWR is 1 to 1. If I
> > > > > > > >
> > > > > > > >
> > > > > > > > > activate the tuner the SWR will jump up to infinity. I don't here the tuner
> > > > > > > >
> > > > > > > >
> > > > > > > > > "working" inside the radio any more?
> > > > > > > >
> > > > > > > >
> > > > > > > > > Help!
> > > > > > > >
> > > > > > > >
> > > > > > > > > Mike N3ROV
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >

> > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > >
>

10466. ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 16:37:35 UTC
From: John
Topic: 10466 Message: 10466

Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John

10467. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 18:27:21 UTC
From: VA3UE
Topic: 10466 Message: 10467

I've shipped a few of the 450S' around and they are pretty sturdy so I doubt shipping was the cause (unless it had inferior packaging). If the internal cables were such that there is no way the radio could have worked I would at least contact the seller and ask for a refund and if that gets you nowhere file a complaint and leave negative feedback on whatever site you bought it from.

Sorry I can't help with the technical aspect. I just hate dishonest people.

--- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@...> wrote:
>
> Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
>

10468. RE: [TS-850_450_690] Re: TS450 antena tuner?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 18:53:47 UTC
From: Dave Gmail
Topic: 10358 Message: 10468

With a swr of 1.25 : 1 why retune???? For what an extra 1/2 watt out the radio??

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of cardinalekaren
Sent: June-12-11 12:08 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS450 antena tuner?

I did replace the K-104 relay and the C31 the 56pf silver mica cap. I also replaced the back up battery. I'm happy to report the tuner is working great. The dummy load goes right down to 1:1. The antenna is 1.25:1 with no tuner. Hit the tune button and it drops to 1:1. Thanks all for the excelent advice. I'm sold on this news groups stuff, never did this befor but the advice was first class. I will be reading much more here.

73. Mike

--- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@...> wrote:
>
> I figured that it wasn't that good for it. But I guess I hoped the protection circut would keep it safe. Live abd learn. I have the tuner out and can see the relay in question. where is a god place to find a replacment? I also want to change the memory back up batery while I have the rig apart. Any advice for that job?
>
> Mike
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You're not doing it any favors by repeatedly trying to tune an antenna that it can't handle.
> >
> > Keep us posted.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> > >
> > > Thanks Clif, I'll check it out. I have the tuner nearly out of the rig now. Do you think this could have been caused by me doing most of my tuning on 20 meters. I had the rig running thru an external (mfj)tuner and I know I had not switched it to the coax direct more than once and activated the auto tuner in the rig. I also tryed letting the tuner in the rig tune a

loop wire that was cut for 80meters.
> > > Mike
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > K104 is the relay in the tuner that grounds a turn on thefor 20m. If it doesn't work it won't tune. C31 is a 56pf silver mica cap on the tuner input that if flaky causes erratic tuning.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "cardinalekaren" <cardin3@> wrote:
> > > > >
> > > > > Clif could you give ne a little more detail? I'm OK on electronics but I'm not a pro.
> > > > > the 20 meters will tune but it doesn't make the swr better it make it very bad. it can take a dummy load and make what was a 1 to 1 go to infinity on SWR. On the other bands it would take a 2.3 to 1 and with 1 push of the button make it 1.5 to 1. then another push might make it 1.2 to 1 then 1 more and it would go to 1 to 1. 54
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > I would make sure K104 is good. That is the 20m relay in the tuner. For the hard to tune on all bands I would replace C1 in the A/5 board of the tuner.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, Karen Cardinale <cardin3@> wrote:
> > > > > > >
> > > > > > > I have the CAR control up still no good. The thing is this ts450 will tune everything except 20 meters. It tunes the other bands but it seems to take 2 tries. 1 attempt will be OK but a second time it will bring it down to 1to1. 20 meters doesn't work no matter what. It makes the SWR terrible.
> > > > > > >
> > > > > > > ----- Original Message -----
> > > > > > > From: Jesse Dominguez <kc5mah@>
> > > > > > > To: TS-850 450 690 <TS-850_450_690@yahoogroups.com>
> > > > > > > Sent: Mon, 25 Apr 2011 03:17:10 -0000 (UTC)
> > > > > > > Subject: Re: [TS-850_450_690] TS450 antena tuner?
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
```
```

> > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > i have a ts-850sat and had a similar problem i had to turn the
carrier up in
> > > > > > > >
> > > > > > > >
> > > > > > > > order for the tuner to tune..
> > > > > > > >
> > > > > > > >
> > > > > > > > just my 2 cents..
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > On Sun, Apr 24, 2011 at 5:35 PM, cardinalekaren <cardin3@>
wrote:
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > My antena tuner has stop working. with it off my antena
reads 1:2 to 1.
> > > > > > > >
> > > > > > > >
> > > > > > > > When I turn on the antena tuner it no longer seems to seek a
better SWR. It
> > > > > > > >
> > > > > > > >
> > > > > > > > quickly flashes the display and then the SWR will go to
infinity. If I put a

> > > > > > >
> > > > > > > >
> > > > > > > > > dummy load on the rig with nothing else atached the SWR is 1
to 1. If I
> > > > > > > >
> > > > > > > > >
> > > > > > > > > > activate the tuner the SWR will jump up to infinity. I don't
here the tuner
> > > > > > > >
> > > > > > > > >
> > > > > > > > > > "working" inside the radio any more?
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > > Help!
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > > Mike N3ROV
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > >
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10469. Re: [TS-850_450_690] ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 20:29:24 UTC
From: Tom Osborne
Topic: 10466 Message: 10469

Did you check the menu and make sure the transmit inhibit is not on?

You have to go to menu number 19 and make sure it is not disabled. 73
Tom W7WHY

Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John

10470. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 20:51:48 UTC
From: John
Topic: 10466 Message: 10470

Thanks Tom. I've ckecked menu item 19 even tried it both off and on. Also checked all menu items...they seem to be set at default which I think should allow it to transmit. I've tried it with 2 atus and 2 antennas to be sure, my old ts 430s works fine with them. Thanks again John

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Did you check the menu and make sure the transmit inhibit is not on?
>
> You have to go to menu number 19 and make sure it is not disabled. 73
> Tom W7WHY
>
>
>
> Hello Group. I just bought a 450s. The seller said it was working. After
> shipping ups it does not transmit. I found an unpluged coax in the filter
> section. Now it shows transmit on the rig's meter but external meter nothing
> out. I think it previously had an internal tuner...the resistor (w5 i think)
> has been clipped and the leads soldered back. I suspect shipping or removal
> of the Antenna Tuner are cause of problem. Suggestions? Thanks John
>

10471. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 21:11:10 UTC
From: avvidclif
Topic: 10466 Message: 10471

If the internal meter shows power out check the pigtail going from the filter board to the back of the SO239. They frequently break.

W5 is resoldered when a tuner is removed, that is correct.

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@...> wrote:
>
> Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
>

10472. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 21:26:49 UTC
From: John
Topic: 10466 Message: 10472

Thanks Clif I'll give it a close check AO. On removing internal tuner what effect would it have if the resistor was removed and the wire leads soldered together. John
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> If the internal meter shows power out check the pigtail going from the filter board to the back of the SO239. They frequently break.
>
> W5 is resoldered when a tuner is removed, that is correct.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@> wrote:
> >
> > Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
> >
>

10473. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 21:43:22 UTC
From: avvidclif
Topic: 10466 Message: 10473

There is no resistor. A quick check of the service manual shows W5 is a jumper to connect the 2 tuner jacks when a tuner is not installed.

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@...> wrote:
>
> Thanks Clif I'll give it a close check AO. On removing internal tuner what effect would it have if the resistor was removed and the wire leads soldered together. John
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > If the internal meter shows power out check the pigtail going from the filter board to the back of the SO239. They frequently break.
> >
> > W5 is resoldered when a tuner is removed, that is correct.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@> wrote:
> > >
> > > Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
> > >
> >
>

10474. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 22:07:55 UTC
From: John
Topic: 10466 Message: 10474

OOps. I checked the tuner install in the manual, thought is was a resistor. Proves memory is the second thing to go. I checked the so- 239 it looked OK but I resoldered the center conductor in case of a bad joint. My MFJ 969 went to almost 5 watts for a few seconds then nothing. I live in Joplin MO and i have been reminded how many good people there are. Thanks Group John

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:

>
> There is no resistor. A quick check of the service manual shows W5 is a jumper to connect the 2 tuner jacks when a tuner is not installed.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@> wrote:
> >
> > Thanks Clif I'll give it a close check AO. On removing internal tuner what effect would it have if the resistor was removed and the wire leads soldered together. John
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > If the internal meter shows power out check the pigtail going from the filter board to the back of the SO239. They frequently break.
> > >
> > > W5 is resoldered when a tuner is removed, that is correct.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@> wrote:
> > > >
> > > > Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
> > > >
> > >
> > >
> >
>

10475. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-12 23:40:36 UTC
From: avvidclif
Topic: 10466 Message: 10475

If you pull on the wire coming from the SO239 I'll bet it pulls out of the circuit board.

Clif

--- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@...> wrote:
>
> OOps. I checked the tuner install in the manual, thought is was a resistor. Proves memory is the second thing to go. I checked the so- 239 it looked OK but I resoldered the center conductor in case of a bad joint. My MFJ 969 went to almost 5 watts for a few seconds then nothing. I live in Joplin MO and i have been reminded how many good people there are. Thanks Group John
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > There is no resistor. A quick check of the service manual shows W5 is a jumper to connect the 2 tuner jacks when a tuner is not installed.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@> wrote:
> > >
> > > Thanks Clif I'll give it a close check AO. On removing internal tuner what effect would it have if the resistor was removed and the wire leads soldered together. John
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > If the internal meter shows power out check the pigtail going from the filter board to the back of the SO239. They frequently break.
> > > >
> > > > W5 is resoldered when a tuner is removed, that is correct.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@> wrote:
> > > > >
> > > > > Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
> > > > >
> > > >
> > >
> > >
> >
> >
>

10476. Re: ts 450s no transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-21 22:42:20 UTC
From: medicdaley
Topic: 10466 Message: 10476

--- In TS-850_450_690@yahoogroups.com, "John" <kb0qpm@...> wrote:
>
> Hello Group. I just bought a 450s. The seller said it was working. After shipping ups it does not transmit. I found an unpluged coax in the filter section. Now it shows transmit on the rig's meter but external meter nothing out. I think it previously had an internal tuner...the resistor (w5 i think) has been clipped and the leads soldered back. I suspect shipping or removal of the Antenna Tuner are cause of problem. Suggestions? Thanks John
>
John tried reaching you- the radio arrived back and I just had it on the bench- that rf plug you had trouble with... well ya snapped the tip off of the connector somehow.It was clearly crushed and missing- I removed the plug and temporarily hardwired it to the rf connector on the board-- I sent you pics of the missing tip and disassembly in addition to pics of the radio with 100W out both on the 450 meter and a Bird 43. Just had the radio on 20m with the usual great audio report etc... I dont have those mini rf connector plugs here- you'll have to get one and replace it- or solder the cable to the connector and keep it hardwired.
Try and touch base with me when you can as I am leaving thursday and want to make arrangements to return the radio to you. Posting this here in case youre here vs emails.
Thanks
Joe N2GBT

10477. Kenwood Ts-450s intermittent transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 16:57:44 UTC
From: AndrewN
Topic: 10477 Message: 10477

I have a kenwood ts450s that had no transmit output period. I found some burnt components on the HF final board: Q1 (2SC1971), R5 (5.6 1/2W), and C63 (470p). I replaced them and when I try to TX the TX light comes on for a split second and then the AT Tune Light comes on for a split second and then nothing. It does the same thing whether I use a dummy load or the vertical whip that I have. does anyone have any ideas on what else i might check?

10478. TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 18:51:08 UTC
From: rick54045
Topic: 10478 Message: 10478

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

10479. Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 18:58:45 UTC
From: palmimports@aol.com
Topic: 10478 Message: 10479

It could be the dc-dc converter board- they were known to be problems in earlier 850's-- but not sure if that effected the audio or not- lemme do some research ive seen that problem before on a few 850's Ive owned
Joe N2GBT

In a message dated 6/27/2011 2:51:21 P.M. Eastern Daylight Time, rick54045@... writes:

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

[Non-text portions of this message have been removed]

10480. Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 19:05:40 UTC
From: palmimports@aol.com
Topic: 10478 Message: 10480

hmmm I am remembering now replacing a vco trimmer cap years ago on an 850-
theres a test point for the reference voltage and this trimmer cap went bad
and had no effect-- i THINK I had distorted audio until I did th repair-
I'll check my notes when I get home
Joe

In a message dated 6/27/2011 2:51:21 P.M. Eastern Daylight Time,
rick54045@... writes:

My TS-850 had been in storage for almost 9 months, I took it out for Field
Day for mobile operating using a deep cycle battery for power. I received
reports that my TX was badly distorted and or off frequency. Receive was
fine. Using the MONI function, my TX audio sounded fine. I tried the usual
fixes for field operating, relocating the power cable, antenna cable, and a
different mike. As a last resort, I tried a CPU reset. Nothing worked. Are
there any messages that address this issue? If so which messages? Any ideas
where I can look for the problem? I suspect that perhaps a TX VCO may be
going, but sisnce it occurs on all bands, I'm not sure where to look. The rig
was purchased new in 1992.

N7DLV

[Non-text portions of this message have been removed]

10481. Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 19:17:37 UTC
From: Joop!
Topic: 10478 Message: 10481

Perhaps RFI??

Don´t know if you are able to test it at home, try and see if it behaves
the same...
Even better....try a dummy load...

73 Joop/PD2JAM

Op 27-6-2011 20:51, rick54045 schreef:
>
> My TS-850 had been in storage for almost 9 months, I took it out for
> Field Day for mobile operating using a deep cycle battery for power. I
> received reports that my TX was badly distorted and or off frequency.
> Receive was fine. Using the MONI function, my TX audio sounded fine. I
> tried the usual fixes for field operating, relocating the power cable,
> antenna cable, and a different mike. As a last resort, I tried a CPU
> reset. Nothing worked. Are there any messages that address this issue?
> If so which messages? Any ideas where I can look for the problem? I
> suspect that perhaps a TX VCO may be going, but sisnce it occurs on
> all bands, I'm not sure where to look. The rig was purchased new in 1992.
>
> N7DLV
>
>

[Non-text portions of this message have been removed]

10482. TS 850 CW side tone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 20:27:02 UTC
From: Bob Naylor
Topic: 10482 Message: 10482

Guys, The only complaint I have about my 850, which I've owned since 1994, is the low volume of the CW side tone. I have adjusted it to full volume as per the manual but it would sure be nice if it could be a little louder.
Does anyone else have this complaint?
Any ideas on this?
Thanks, Bob WE6C

[Non-text portions of this message have been removed]

10483. TS-850 FSK PWR & RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 22:01:06 UTC
From: CT1EEK Nuno
Topic: 10483 Message: 10483

Hi all!

Just need some help here.

A few days ago...

* When I transmit RTTY FSK power goes up & down, between +- 100w to 60w. It is not a continuous signal.

** When I RX after a few seconds the signal disappears. I TX a little and it comes up.

Very strange...

Any help is welcome.

Many thanks.

Nuno

CT1EEK - CR5R

[Non-text portions of this message have been removed]

10484. Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-27 23:54:37 UTC
From: Tom Osborne
Topic: 10478 Message: 10484

Hi

I'm not sure about your '850, but my '450 doesn't work well with lower voltage. It seems to perculate best at voltages of 13 or better. If it gets down to 12, I get a really bad chirp.

You might try it on a regular power supply before you start tearing into and see if it isn't just low voltage from the battery. I use my '450 in my camper, but I use 2 big batteries in parallel. 73
Tom W7WHY

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

10485. Re: [TS-850_450_690] TS-850 FSK PWR & RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 00:02:11 UTC
From: palmimports@aol.com
Topic: 10483 Message: 10485

if its on a TS850 almost sounds like the dc-dc converter board
Joe

In a message dated 6/27/2011 8:01:27 P.M. Eastern Daylight Time,
nunoct1eek@sapo.pt writes:

Hi all!

Just need some help here.

A few days ago...

* When I transmit RTTY FSK power goes up & down, between +- 100w to 60w.
It is not a continuous signal.

** When I RX after a few seconds the signal disappears. I TX a little and
it comes up.

Very strange...

Any help is welcome.

Many thanks.

Nuno

CT1EEK - CR5R

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10486. Re: [TS-850_450_690] TS-850 FSK PWR & RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 00:08:21 UTC
From: Jordan
Topic: 10483 Message: 10486

You might also want to be sure it wasn't simply RF getting back into the gear...You wouldn't be the first nor last FD Op who has had RF issues... Just a thought...

73..Jordan VE6ZT

----- Original Message -----
From: palmimports@...
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 27, 2011 6:02 PM
Subject: Re: [TS-850_450_690] TS-850 FSK PWR & RX

if its on a TS850 almost sounds like the dc-dc converter board
Joe

In a message dated 6/27/2011 8:01:27 P.M. Eastern Daylight Time,
nunoct1eek@... writes:

Hi all!

Just need some help here.

A few days ago...

* When I transmit RTTY FSK power goes up & down, between +- 100w to 60w.
It is not a continuous signal.

** When I RX after a few seconds the signal disappears. I TX a little and
it comes up.

Very strange...

Any help is welcome.

Many thanks.

Nuno

CT1EEK - CR5R

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10487. Re: [TS-850_450_690] TS-850 FSK PWR & RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 00:18:05 UTC
From: Crownhaven
Topic: 10483 Message: 10487

I had a similar problem with my radio. Clif told me how to test it. I
can't remember. But, that is what it was, DC-DC board. I sent it off
to him and it came back working like new.

Steve, N4JQQ

palmimports@... wrote:
>
>
> if its on a TS850 almost sounds like the dc-dc converter board
> Joe
>
>
> In a message dated 6/27/2011 8:01:27 P.M. Eastern Daylight Time,
> nunoct1eek@... <mailto:nunoct1eek%40sapo.pt> writes:
>
> Hi all!
>
> Just need some help here.
>
> A few days ago...
>
> * When I transmit RTTY FSK power goes up & down, between +- 100w to 60w.
> It is not a continuous signal.
>
> ** When I RX after a few seconds the signal disappears. I TX a little and
> it comes up.
>
> Very strange...
>
> Any help is welcome.
>
> Many thanks.
>
> Nuno
>
> CT1EEK - CR5R
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

10488. TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 00:13:36 UTC
From: akipete
Topic: 1009 Message: 10488

Hi All,
I powered up my TS-850SAT yesterday after a few months of non-use. The screen is blank. The TX and RX is OK but I am flying blind. Any suggestions on where to start looking? I have seen a cap can leak and cause corrosion, but before I look at that, I was hoping to hear of a more likely and easier solution. I left the 850 on receive for a few hours yesterday and the display did not come to life after a long warmup period, and a few slaps n taps on the sides and top.
Peter

10489. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 12:35:25 UTC
From: cparrish104@cfl.rr.com
Topic: 1009 Message: 10489

It's most likely the cap you've heard about. It was on mine.

73, K4TL
---- akipete <akipete@...> wrote:
> Hi All,
> I powered up my TS-850SAT yesterday after a few months of non-use. The screen is blank. The TX and RX is OK but I am flying blind. Any suggestions on where to start looking? I have seen a cap can leak and cause corrosion, but before I look at that, I was hoping to hear of a more likely and easier solution. I left the 850 on receive for a few hours yesterday and the display did not come to life after a long warmup period, and a few slaps n taps on the sides and top.
> Peter
>

10490. Re: TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 17:40:05 UTC
From: ah6rr1
Topic: 10478 Message: 10490

N7DLV,
Check it on a power supply low voltage will distort the audio on tx. Also check the power cord fuse holders they can get corroision in them and cause a voltage drop on tx. If all of those tests fail to fix the distorted audio then check the driver and final transistors, I repaired a friends 850 that had a driver and 1 final that was bad that was showing the same symtoms. My guess is it was a low voltage though.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Joop!" <joop.schalkwijk@...> wrote:
>
> Perhaps RFI??
>
> Don´t know if you are able to test it at home, try and see if it behaves
> the same...
> Even better....try a dummy load...
>
> 73 Joop/PD2JAM
>
>
>
>
>
>
>
>
>
>
> Op 27-6-2011 20:51, rick54045 schreef:
> >
> > My TS-850 had been in storage for almost 9 months, I took it out for
> > Field Day for mobile operating using a deep cycle battery for power. I
> > received reports that my TX was badly distorted and or off frequency.
> > Receive was fine. Using the MONI function, my TX audio sounded fine. I
> > tried the usual fixes for field operating, relocating the power cable,
> > antenna cable, and a different mike. As a last resort, I tried a CPU
> > reset. Nothing worked. Are there any messages that address this issue?
> > If so which messages? Any ideas where I can look for the problem? I
> > suspect that perhaps a TX VCO may be going, but sisnce it occurs on
> > all bands, I'm not sure where to look. The rig was purchased new in 1992.
> >
> > N7DLV
> >
> >
>
>

>
> [Non-text portions of this message have been removed]
>

10491. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 17:57:46 UTC
From: ah6rr1
Topic: 1009 Message: 10491

Check C-18 on the display board most likly that is bad and has leaked on the board. Clean up the mess and repair the traces and replace the cap and it should be just fine after that.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "akipete" <akipete@...> wrote:
>
> Hi All,
> I powered up my TS-850SAT yesterday after a few months of non-use. The screen is blank. The TX and RX is OK but I am flying blind. Any suggestions on where to start looking? I have seen a cap can leak and cause corrosion, but before I look at that, I was hoping to hear of a more likely and easier solution. I left the 850 on receive for a few hours yesterday and the display did not come to life after a long warmup period, and a few slaps n taps on the sides and top.
> Peter
>

10492. Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 20:09:57 UTC
From: Rick Allan
Topic: 10478 Message: 10492

Hello Tom; Thanks for the idea. I did measure the battery voltage and it was 12.6VDC. The voltage at the radio connector in CW TX was 12.3 well within the + or - 15% specs. A friend has a receiver that I can borrow to see if the problem is not present at 13.8VDC.

Eric N7DLV

--- On Mon, 6/27/11, Tom Osborne <w7why@...> wrote:

From: Tom Osborne <w7why@...>
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency
To: TS-850_450_690@yahoogroups.com
Date: Monday, June 27, 2011, 4:54 PM

Hi

I'm not sure about your '850, but my '450 doesn't work well with lower voltage. It seems to perculate best at voltages of 13 or better. If it gets down to 12, I get a really bad chirp.

You might try it on a regular power supply before you start tearing into and see if it isn't just low voltage from the battery. I use my '450 in my camper, but I use 2 big batteries in parallel. 73
Tom W7WHY

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

[Non-text portions of this message have been removed]

10493. Re: TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 20:15:27 UTC
From: rick54045
Topic: 10478 Message: 10493

I had good ideas consider from members of the group. Thanks! Some of the respondants are doing further research which is greatly appreciated.

N7DLV

10494. RE: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-28 21:34:28 UTC
From: Dave Gmail
Topic: 10478 Message: 10494

Instead of borrowing a receiver, which may be ok to work @ 12V, I would try YOUR radio on a known 13.8v source...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Rick Allan
Sent: June-28-11 4:10 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Hello Tom; Thanks for the idea. I did measure the battery voltage and it was 12.6VDC. The voltage at the radio connector in CW TX was 12.3 well within the + or - 15% specs. A friend has a receiver that I can borrow to see if the problem is not present at 13.8VDC.

Eric N7DLV

--- On Mon, 6/27/11, Tom Osborne <w7why@...> wrote:

From: Tom Osborne <w7why@frontier.com>
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency
To: TS-850_450_690@yahoogroups.com
Date: Monday, June 27, 2011, 4:54 PM

Hi

I'm not sure about your '850, but my '450 doesn't work well with lower voltage. It seems to perculate best at voltages of 13 or better. If it gets down to 12, I get a really bad chirp.

You might try it on a regular power supply before you start tearing into and see if it isn't just low voltage from the battery. I use my '450 in my camper, but I use 2 big batteries in parallel. 73
Tom W7WHY

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

10495. Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-29 02:02:52 UTC
From: cazasub_l
Topic: 10495 Message: 10495

Hello.
I am in the market to buy a TS-950SDX.
I will appreciate sources I can look at.
Best,
WP4IDK/5

10496. Re: [TS-850_450_690] Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-29 02:44:30 UTC
From: VA3UE
Topic: 10495 Message: 10496

There is one on QTH.com for sale.

http://swap.qth.com/send-to-friend.php?counter=919682

On Tue, Jun 28, 2011 at 9:02 PM, cazasub_l <alvin.mirabal@gmail.com> wrote:

> **
>
>
> I am in the market to buy a TS-950SDX.
>
I will appreciate sources I can look at.
> Best,
> WP4IDK/5
>
>
>

[Non-text portions of this message have been removed]

10497. RE: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-29 10:35:20 UTC
From: Rick Allan
Topic: 10478 Message: 10497

Perhaps I should rephrase my response. A friend has a receiver I could borrow, so I can listen to my TS-850 transmitting into a dummy load, while the TS-850 is on 13.8Vdc so I can see if the problem is not present.

--- On Tue, 6/28/11, Dave Gmail <ve3wej@...> wrote:

From: Dave Gmail <ve3wej@...>
Subject: RE: [TS-850_450_690] TS-850S TX Distorted / Off frequency
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, June 28, 2011, 2:34 PM

Instead of borrowing a receiver, which may be ok to work @ 12V, I would try YOUR radio on a known 13.8v source...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Rick Allan
Sent: June-28-11 4:10 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Hello Tom; Thanks for the idea. I did measure the battery voltage and it was 12.6VDC. The voltage at the radio connector in CW TX was 12.3 well within the + or - 15% specs. A friend has a receiver that I can borrow to see if the problem is not present at 13.8VDC.

Eric N7DLV

--- On Mon, 6/27/11, Tom Osborne <w7why@...> wrote:

From: Tom Osborne <w7why@...>
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency
To: TS-850_450_690@yahoogroups.com
Date: Monday, June 27, 2011, 4:54 PM

Hi

I'm not sure about your '850, but my '450 doesn't work well with lower
voltage. It seems to perculate best at voltages of 13 or better. If it
gets down to 12, I get a really bad chirp.

You might try it on a regular power supply before you start tearing into and
see if it isn't just low voltage from the battery. I use my '450 in my
camper, but I use 2 big batteries in parallel. 73
Tom W7WHY

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was

fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...oo! Groups Links

[Non-text portions of this message have been removed]

10498. Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-29 09:00:13 UTC
From: palmimports@aol.com
Topic: 10478 Message: 10498

I remember this also- ran my 850 at 14.2v volts- had to adjust the output
in the ps but there was a rheostat for that

Ive read that if the dc-dc converter boards start acting up sometimes the
increase in voltage can buy some time
Joe N2GBT

In a message dated 6/28/2011 5:34:37 P.M. Eastern Daylight Time,
ve3wej@... writes:

Instead of borrowing a receiver, which may be ok to work @ 12V, I would try
YOUR radio on a known 13.8v source...

-----Original Message-----
From: _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com) [mailto:_TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)] On Behalf Of Rick Allan
Sent: June-28-11 4:10 PM
To: _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency

Hello Tom; Thanks for the idea. I did measure the battery voltage and it
was 12.6VDC. The voltage at the radio connector in CW TX was 12.3 well
within the + or - 15% specs. A friend has a receiver that I can borrow to see if
the problem is not present at 13.8VDC.

Eric N7DLV

--- On Mon, 6/27/11, Tom Osborne <_w7why@..._
(mailto:w7why@...) > wrote:

From: Tom Osborne <_w7why@...m_ (mailto:w7why@...) >
Subject: Re: [TS-850_450_690] TS-850S TX Distorted / Off frequency
To: _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)
Date: Monday, June 27, 2011, 4:54 PM

Hi

I'm not sure about your '850, but my '450 doesn't work well with lower
voltage. It seems to perculate best at voltages of 13 or better. If it
gets down to 12, I get a really bad chirp.

You might try it on a regular power supply before you start tearing into
and
see if it isn't just low voltage from the battery. I use my '450 in my
camper, but I use 2 big batteries in parallel. 73

Tom W7WHY

My TS-850 had been in storage for almost 9 months, I took it out for Field Day for mobile operating using a deep cycle battery for power. I received reports that my TX was badly distorted and or off frequency. Receive was fine. Using the MONI function, my TX audio sounded fine. I tried the usual fixes for field operating, relocating the power cable, antenna cable, and a
different mike. As a last resort, I tried a CPU reset. Nothing worked. Are there any messages that address this issue? If so which messages? Any ideas
where I can look for the problem? I suspect that perhaps a TX VCO may be going, but sisnce it occurs on all bands, I'm not sure where to look. The rig was purchased new in 1992.

N7DLV

[Non-text portions of this message have been removed]

THANKS FOR USING _TS-850_450_690@YAHOOGROUPS.COMYahoo_
(mailto:TS-850_450_690@...) ! Groups Links

[Non-text portions of this message have been removed]

10499. Re: Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-29 11:25:13 UTC
From: cazasub_l
Topic: 10495 Message: 10499

Thanks.
Pick-up only in California.
He does not ship.
I am in Texas.
Dang..
I will monitor that site.
Thanks again.
Back to square one..
WP4IDK

--- In TS-850_450_690@yahoogroups.com, VA3UE <va3ue@...> wrote:
>
> There is one on QTH.com for sale.
>
> http://swap.qth.com/send-to-friend.php?counter=919682
>
> On Tue, Jun 28, 2011 at 9:02 PM, cazasub_l <alvin.mirabal@...> wrote:
>
> > **
> > >
> > >
> > > I am in the market to buy a TS-950SDX.
> > >
> > I will appreciate sources I can look at.
> > > Best,
> > > WP4IDK/5
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
>

10500. Re: Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-29 11:30:33 UTC
From: cazasub_l
Topic: 10495 Message: 10500

Thanks again.

--- In TS-850_450_690@yahoogroups.com, VA3UE <va3ue@...> wrote:
>
> There is one on QTH.com for sale.
>
> http://swap.qth.com/send-to-friend.php?counter=919682
>
> On Tue, Jun 28, 2011 at 9:02 PM, cazasub_l <alvin.mirabal@...> wrote:
>
> > **
> > >
> > >
> > > I am in the market to buy a TS-950SDX.
> > >
> > I will appreciate sources I can look at.
> > > Best,
> > > WP4IDK/5
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >

10501. Re: [TS-850_450_690] Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-30 11:57:43 UTC
From: Anthony W. DePrato
Topic: 10495 Message: 10501

At 10:02 PM 6/28/2011, you wrote:
>Hello.
>I am in the market to buy a TS-950SDX.
>I will appreciate sources I can look at.
>Best,
>WP4IDK/5
>
>
>
>---if you are interested i have a TS950SD not an X still in the box
>with tuner and 3 filters bought new by my mother WA4RTJ SK. used
>about 3 months was recalled by Kenwood and they put in the new power
>supply and bias modes . has been in the box ever since as she passed
>before it came back. I bought one also at the same time and kenwood
>updated it also and i have been using it ever since. it is in Ky.

73 Tony WA4JQS

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10502. Re: [TS-850_450_690] Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-06-30 16:51:27 UTC
From: Les Jones II
Topic: 10495 Message: 10502

Hello, According to my son Greg, W6GMJ, who just recently bought a TS-950SD, those are better than the "X" model. Apparently the "X" upgrade was not a good thing. Look him up on QRZ.com, he would be glad to give you the details. These are great radios, a little on the large size, but great otherwise. Good Luck
73 Les NQ0J

On Thu, Jun 30, 2011 at 6:57 AM, Anthony W. DePrato <wa4jqs@...>wrote:

> **
>
>
> At 10:02 PM 6/28/2011, you wrote:
> >Hello.
> >I am in the market to buy a TS-950SDX.
> >I will appreciate sources I can look at.
> >Best,
> >WP4IDK/5
> >
> >
> >
> >---if you are interested i have a TS950SD not an X still in the box
> >with tuner and 3 filters bought new by my mother WA4RTJ SK. used
> >about 3 months was recalled by Kenwood and they put in the new power
> >supply and bias modes . has been in the box ever since as she passed
> >before it came back. I bought one also at the same time and kenwood
> >updated it also and i have been using it ever since. it is in Ky.
>
> 73 Tony WA4JQS
>
> Anthony W. DePrato WA4JQS
> Since Sept 9th 1962
> CQ DX HALL OF FAME # 39
> DXCC HONOR ROLL
> FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> CALLS HELD
> VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> ZUT DE WA4JQS
>
>
>

--
Les Jones II
1010 Fredericksburg Rd
Excelsior Springs, Missouri

64024
816-826-6347
NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

10503. Re: Advise in where to buy a clean TS-950SDX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 02:24:08 UTC
From: cazasub_l
Topic: 10495 Message: 10503

I am inclined in the 950SDX because my research on the subject has found out that the TS-950sdx is supposedly superior than the older version "SD" because:

1) It has a different, better, and simplified front panel layout and
greatly improved operating software.
2) It has an FET final power amplifier (the 950SD was bipolar, and not reliable).
3) It has a fully adjustable display dimmer.
4) It has all the great features of the TS-850S which were lacking from the TS-950SD, including the CW REVERSE function, the CW FINE function,the better frequency synthesizer which tunes in 1 Hz steps (the 950SD was 10 Hz), and the 850's Quick Memo function, which supposedly is extremely handy.
5) It also has automatic AGC available.
6) It has a menu-configurable IF filter selection feature, so you can
bypass filters you'd never use on certain modes.
7) It's got better DSP (the DSP in the 950SD was marginal).
8)It's got far better "second receiver" functionality.

As I have not had the personal experience of comparing both radio or having the technical specifications to compare them on a one-by-one basis I am still open for someone to validate or challenge these arguments that I got from the web.

Best,

WP4IDK/5

--- In TS-850_450_690@yahoogroups.com, Les Jones II <kd0nfk73@...> wrote:
>
> Hello, According to my son Greg, W6GMJ, who just recently bought a TS-950SD,
> those are better than the "X" model. Apparently the "X" upgrade was not a
> good thing. Look him up on QRZ.com, he would be glad to give you the
> details. These are great radios, a little on the large size, but great
> otherwise. Good Luck
> 73 Les NQ0J
>
> On Thu, Jun 30, 2011 at 6:57 AM, Anthony W. DePrato <wa4jqs@...>wrote:
>
> > **
> > >
> > >
> > At 10:02 PM 6/28/2011, you wrote:
> > >Hello.
> > >I am in the market to buy a TS-950SDX.
> > >I will appreciate sources I can look at.
> > >Best,
> > >WP4IDK/5
> > >

> > >
> > >
> > >---if you are interested i have a TS950SD not an X still in the box
> > >with tuner and 3 filters bought new by my mother WA4RTJ SK. used
> > >about 3 months was recalled by Kenwood and they put in the new power
> > >supply and bias modes . has been in the box ever since as she passed
> > >before it came back. I bought one also at the same time and kenwood
> > >updated it also and i have been using it ever since. it is in Ky.
> >
> > 73 Tony WA4JQS
> >
> > Anthony W. DePrato WA4JQS
> > Since Sept 9th 1962
> > CQ DX HALL OF FAME # 39
> > DXCC HONOR ROLL
> > FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> > CALLS HELD
> > VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> > ZUT DE WA4JQS
> >
> >
> >
>
>
>
> --
> Les Jones II
> 1010 Fredericksburg Rd
> Excelsior Springs, Missouri
> 64024
> 816-826-6347
> NQ0J (formerly KD0NFK)
>
>
> [Non-text portions of this message have been removed]
>

10504. Approached by scammers. (Was: Advise in where to buy a clean TS-950SDX)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 02:28:57 UTC
From: cazasub_l
Topic: 10504 Message: 10504

By the way.. As soon I posted in different ham radio websites my intention to buy a TS-950SDX, I have received five e-mails from outside the US offering me "dream" TS-950SDX radios at ridiculous prices.

Three from the UK,
Two from Italy
One from Canada.

All of them of course asking to be paid by Western Union..

Go figure... hmmm..

WP4IDK/5

10505. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 08:05:45 UTC
From: palmimports@aol.com
Topic: 10505 Message: 10505

LOL been through that enough also-- NEVER pay them by WU-- always use a moneygram!! LOL
Joe N2GBT

In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time, alvin.mirabal@... writes:

By the way.. As soon I posted in different ham radio websites my intention to buy a TS-950SDX, I have received five e-mails from outside the US offering me "dream" TS-950SDX radios at ridiculous prices.

Three from the UK,
Two from Italy
One from Canada.

All of them of course asking to be paid by Western Union..

Go figure... hmmm..

WP4IDK/5

[Non-text portions of this message have been removed]

10506. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 13:40:53 UTC
From: Zack Widup
Topic: 10505 Message: 10506

Unless it's on eBay and the person has sold things already with a good feedback rating (>97%) or it's someone I know personally, I wouldn't buy it unless I could call the person on the phone and speak with them directly about it.

I guess some of us who have purchased things over internet for a long time have developed a "feel" for the scammers. I haven't been burned in years. Last time was someone on a ham radio group who sold me a HV transformer for $60. I never got it. He claimed he had shipped it but didn't present any sort of tracking number and kept my money. I just wrote it off to a lesson in life in that case.

If I'd lost the $800 I spent for the mint condition 850 I got, it would've been a different story.

73, Zack W9SZ

On 7/1/11, palmimports@... <palmimports@...> wrote:
> LOL been through that enough also-- NEVER pay them by WU-- always use a
> moneygram!! LOL
> Joe N2GBT
>
>
>
>
> In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time,
> alvin.mirabal@... writes:
>
>
>
>
> By the way.. As soon I posted in different ham radio websites my intention
> to buy a TS-950SDX, I have received five e-mails from outside the US
> offering me "dream" TS-950SDX radios at ridiculous prices.
>
> Three from the UK,
> Two from Italy
> One from Canada.
>
> All of them of course asking to be paid by Western Union..
>
> Go figure... hmmm..
>
> WP4IDK/5
>

>
>
>
>
> [Non-text portions of this message have been removed]
>
>

10507. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 13:53:20 UTC
From: Milton Garb
Topic: 10505 Message: 10507

I've had very good experience with buying radio's on eBay.
One thing I might add, on the eBay Feedback subject: I look for 100% positive feedback.
I don't make many high dollar purchases, but my money for radio's is as important to me as it is to you also.
Just be careful. Check out the seller. Check out his Feedback to see what he's been selling in the past. Communicate with him as you would do if it was a retail outlet.
Just as important as the radio and it's advertised condition is the seller's return policy.
BTW, I got a truly mint TS-850SAT, a matching SP-31 speaker and a Heil Pro Set Quiet Phone headset for $850 + $40 shipping. Was that top dollar? I suppose so, but I'm happy. the seller got what he asked for the radio and if both are happy, it's a good deal.
Just my experiences.
Milt.
W6QE

----- Original Message -----
From: Zack Widup
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 01, 2011 6:40 AM
Subject: Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Unless it's on eBay and the person has sold things already with a good feedback rating (>97%) or it's someone I know personally, I wouldn't buy it unless I could call the person on the phone and speak with them directly about it.

I guess some of us who have purchased things over internet for a long time have developed a "feel" for the scammers. I haven't been burned in years. Last time was someone on a ham radio group who sold me a HV transformer for $60. I never got it. He claimed he had shipped it but didn't present any sort of tracking number and kept my money. I just wrote it off to a lesson in life in that case.

If I'd lost the $800 I spent for the mint condition 850 I got, it would've been a different story.

73, Zack W9SZ

On 7/1/11, palmimports@... <palmimports@...> wrote:
> LOL been through that enough also-- NEVER pay them by WU-- always use a
> moneygram!! LOL
> Joe N2GBT

[Non-text portions of this message have been removed]

10509. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 15:41:09 UTC
From: villy.madsen
Topic: 10104 Message: 10509

Just to show you how often I check out the group (not)....

I had to pull the LO2 VCO module as well. I could have replaced the trimmer with a like one, but I had already ordered a couple of glass piston caps - and I liked the idea of having multiple turns (instead of only 180 degrees).

I am now having a problem that I think is VCO2 (not LO2 VCO) - if I end up having to change that cap as well, I think that I will go ahead and change all of the trimmers. I haven't tried adjust the cap yet - thought that I would wait to hear from some of the gurus on here.

Of course, it would have to happen during the RAC contest

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> I actually pulled the assembly right out and replaced the bad cap with a ceramic variable...It was one of those things I just had to try, and it worked....!!! 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> From: villy.madsen
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 10, 2011 4:37 PM
> Subject: [TS-850_450_690] Re: TS850 and RTTY
>
>
>
> Well, the patient survived. The Doctor was a little worried at the end, but it all came together...
>
> One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
> Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....
>
> Villy
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.
> >
> > Wish me luck

> >
> > Villy VE6SQ
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10510. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 16:31:58 UTC
From: Zack Widup
Topic: 10505 Message: 10510

Not everybody has a 100% feedback rating. Sometimes there are buyers who are bad apples, too, and have to complain about something. I have never had trouble with those having a 97% or better feedback rating.

I've gotten some incredible deals at eBay. One hint - look for auctions that end over a holiday, like on July 4. From my experience, there is less of a chance of someone who is bidding being at his/her computer when it ends on a holiday. One of those little secrets.
:-)

73, Zack W9SZ

On Fri, Jul 1, 2011 at 8:53 AM, Milton Garb <w6qe@...> wrote:

> **
>
>
> I've had very good experience with buying radio's on eBay.
> One thing I might add, on the eBay Feedback subject: I look for 100%
> positive feedback.
> I don't make many high dollar purchases, but my money for radio's is as
> important to me as it is to you also.
> Just be careful. Check out the seller. Check out his Feedback to see what
> he's been selling in the past. Communicate with him as you would do if it
> was a retail outlet.
> Just as important as the radio and it's advertised condition is the
> seller's return policy.
> BTW, I got a truly mint TS-850SAT, a matching SP-31 speaker and a Heil Pro
> Set Quiet Phone headset for $850 + $40 shipping. Was that top dollar? I
> suppose so, but I'm happy. the seller got what he asked for the radio and if
> both are happy, it's a good deal.
> Just my experiences.
> Milt.
> W6QE
>
>
> ----- Original Message -----
> From: Zack Widup
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, July 01, 2011 6:40 AM
> Subject: Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where
> to buy a c...
>
> Unless it's on eBay and the person has sold things already with a good
> feedback rating (>97%) or it's someone I know personally, I wouldn't

> buy it unless I could call the person on the phone and speak with them
> directly about it.
>
> I guess some of us who have purchased things over internet for a long
> time have developed a "feel" for the scammers. I haven't been burned
> in years. Last time was someone on a ham radio group who sold me a HV
> transformer for $60. I never got it. He claimed he had shipped it but
> didn't present any sort of tracking number and kept my money. I just
> wrote it off to a lesson in life in that case.
>
> If I'd lost the $800 I spent for the mint condition 850 I got, it
> would've been a different story.
>
> 73, Zack W9SZ
>
> On 7/1/11, palmimports@... <palmimports@...> wrote:
> > LOL been through that enough also-- NEVER pay them by WU-- always use a
> > moneygram!! LOL
> > Joe N2GBT
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10511. FOR SALE DSP-100 9+ CONDITION

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 15:50:15 UTC
From: Gary
Topic: 10511 Message: 10511

I have a DSP-100 for sale. Unit is in 9+ condition and it comes with all the cables,box and manual.Price is 750.00 + 20.00 shipping. If interested and would like pics please email me.
Thanks
Gary

10512. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 13:48:56 UTC
From: palmimports@aol.com
Topic: 10505 Message: 10512

I wrote an article on eham awhile ago on 15+ years of horsetrading--

Even when you think youre covered- you may not be-
here's a brief example

You sell a 500.00 radio to someone in S America- via ebay- using paypal.
The radio ends up in customs- and the buyer decides- he dont want to pay
customs fees- he totally forgot his country adds 20 per cent duties to that
radio- so... he never picks it up/

He files a paypal dispute- item not received- and guess what- EVEN though
he never picked it up- paypal's position is: buyer never got radio he's
entitled to a refund

Now- what about getting your radio back? Good luck. Paypal's decision is
soley based on buyer NOT getting the radio. IF he got it- he would have to
send it back as an item not as described dispute. But because he doesn't
physically have the item- and it doesn't matter WHY- youre screwed.

Or-- someone buys a radio from you- swaps out main boards because he has
the SAME radio and needed a board- then disputes the item as non working. You
loose.
Oh.. you say-- you sold it AS IS- NO RETURNS---- youre covered.
Wrong.

By carefully wording your ad you can cover your ass- but the wording HAS to
be right

Pick up the phone- call the seller/buyer- get a feel- google the name and
callsign. do your legwork.
You will get a painted picture of the seller with a bit of research.

Ive been lucky in 15 years- but I follow my rules and NEVER deviate.
Joe N2GBT

In a message dated 7/1/2011 9:40:57 A.M. Eastern Daylight Time,
w9sz.zack@... writes:

Unless it's on eBay and the person has sold things already with a good
feedback rating (>97%) or it's someone I know personally, I wouldn't
buy it unless I could call the person on the phone and speak with them
directly about it.

I guess some of us who have purchased things over internet for a long
time have developed a "feel" for the scammers. I haven't been burned
in years. Last time was someone on a ham radio group who sold me a HV

transformer for $60. I never got it. He claimed he had shipped it but
didn't present any sort of tracking number and kept my money. I just
wrote it off to a lesson in life in that case.

If I'd lost the $800 I spent for the mint condition 850 I got, it
would've been a different story.

73, Zack W9SZ

On 7/1/11, _palmimports@..._ (mailto:palmimports@...)
<_palmimports@aol.com_ (mailto:palmimports@...) > wrote:
> LOL been through that enough also-- NEVER pay them by WU-- always use a
> moneygram!! LOL
> Joe N2GBT
>
>
>
>
> In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time,
> _alvin.mirabal@..._ (mailto:alvin.mirabal@...) writes:
>
>
>
>
> By the way.. As soon I posted in different ham radio websites my
intention
> to buy a TS-950SDX, I have received five e-mails from outside the US
> offering me "dream" TS-950SDX radios at ridiculous prices.
>
> Three from the UK,
> Two from Italy
> One from Canada.
>
> All of them of course asking to be paid by Western Union..
>
> Go figure... hmmm..
>
> WP4IDK/5
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10513. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 19:00:29 UTC
From: Bob Naylor
Topic: 10505 Message: 10513

Joe, As you said in different words below, the sellers have basically no rights, and the buyers have all the rights.
Your example below is why most will not ship outside the lower 48.
I have also heard that until the buyer gives you, the seller, a pos feedback, you don't get your money??? Is that right? Or something like 30 days goes by???
Bob WE6C

--- On Fri, 7/1/11, palmimports@... <palmimports@...> wrote:

From: palmimports@... <palmimports@...>
Subject: Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...
To: TS-850_450_690@yahoogroups.com
Date: Friday, July 1, 2011, 6:48 AM

I wrote an article on eham awhile ago on 15+ years of horsetrading--

Even when you think youre covered- you may not be-

here's a brief example

You sell a 500.00 radio to someone in S America- via ebay- using paypal.

The radio ends up in customs- and the buyer decides- he dont want to pay

customs fees- he totally forgot his country adds 20 per cent duties to that

radio- so... he never picks it up/

He files a paypal dispute- item not received- and guess what- EVEN though

he never picked it up- paypal's position is: buyer never got radio he's

entitled to a refund

Now- what about getting your radio back? Good luck. Paypal's decision is

soley based on buyer NOT getting the radio. IF he got it- he would have to

send it back as an item not as described dispute. But because he doesn't

physically have the item- and it doesn't matter WHY- youre screwed.

Or-- someone buys a radio from you- swaps out main boards because he has

the SAME radio and needed a board- then disputes the item as non working. You

loose.

Oh.. you say-- you sold it AS IS- NO RETURNS---- youre covered.

Wrong.

By carefully wording your ad you can cover your ass- but the wording HAS to be right

Pick up the phone- call the seller/buyer- get a feel- google the name and callsign. do your legwork.

You will get a painted picture of the seller with a bit of research.

Ive been lucky in 15 years- but I follow my rules and NEVER deviate.

Joe N2GBT

In a message dated 7/1/2011 9:40:57 A.M. Eastern Daylight Time, w9sz.zack@... writes:

Unless it's on eBay and the person has sold things already with a good feedback rating (>97%) or it's someone I know personally, I wouldn't buy it unless I could call the person on the phone and speak with them directly about it.

I guess some of us who have purchased things over internet for a long time have developed a "feel" for the scammers. I haven't been burned in years. Last time was someone on a ham radio group who sold me a HV transformer for $60. I never got it. He claimed he had shipped it but didn't present any sort of tracking number and kept my money. I just wrote it off to a lesson in life in that case.

If I'd lost the $800 I spent for the mint condition 850 I got, it would've been a different story.

73, Zack W9SZ

On 7/1/11, _palmimports@..._ (mailto:palmimports@...) <_palmimports@..._ (mailto:palmimports@...) > wrote:

> LOL been through that enough also-- NEVER pay them by WU-- always use a moneygram!! LOL

> Joe N2GBT

>

>

>

>

> In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time,

> _alvin.mirabal@..._ (mailto:alvin.mirabal@...) writes:

>

>

>

>

> By the way.. As soon I posted in different ham radio websites my

intention

> to buy a TS-950SDX, I have received five e-mails from outside the US

> offering me "dream" TS-950SDX radios at ridiculous prices.

>

> Three from the UK,

> Two from Italy

> One from Canada.

>

> All of them of course asking to be paid by Western Union..

>

> Go figure... hmmm..

>

> WP4IDK/5

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10514. Re: [TS-850_450_690] Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 19:48:20 UTC
From: palmimports@aol.com
Topic: 10505 Message: 10514

Sellers cant leave negative feedback especially as retaliation. Buyers can leave anything they want.
We sell on Amazon here- and Amazon ONLY cares about BUYER SATISFACTION. Anything wrong- the seller must handle it. Ebay is the same. It's a proven business model based on sheer numbers.
Ebay is no longer the venue where anything goes. It looks out for buyers- and offers them amazing recourse- to the tune of allowing fraud and deceptive buying practices to flourish.

I am not saying its predominant- but if you know how to play the system- it will work for you as an unscrupulous buyer.

As such- intricate scams evolve that work within the environment of Ebay etc. and soon carry over to QTH and other swap boards.

Bottom line is- you leave yourself open to the pitfalls and scams IF youre not careful.
A seller can choose his buyer- if someone buys something from me with -feedback- or no feedback- or I got bad vibes I cancel the sale. I never buy using a USPS money order. Personal check or paypal.
Primarily because I run a busy company and there is NOTHING in this hobby -especially used- I need bad enough to stand in line at the Daytona Beach PO for an hour LOL

If you want to trade with me and you have no track record on the net- send me your item first. I have 15+ years of positive performance to read up on. If you dont- that's how I do things.

If you've sold 800 ham items on ebay or qth and its there to read- it's different- it means youre a horsetrader like me and different strategies will apply.

ive seen estate sales- no means to test- no antenna etc and if you go back and read- the guy is an avid ham--

I can test anything to make sure it works with a dummy load and a hunk of coax.

BUT... I still believe that our integrity as a community is still well intact and this is the exception rather then the rule. I just elect not to make exceptions to my rule(s) :)

This is always a good topic to get me going on LOL
Joe N2GBT

In a message dated 7/1/2011 3:37:51 P.M. Eastern Daylight Time,
wotbob01@yahoo.com writes:

Joe, As you said in different words below, the sellers have basically no
rights, and the buyers have all the rights.
Your example below is why most will not ship outside the lower 48.
I have also heard that until the buyer gives you, the seller, a pos
feedback, you don't get your money??? Is that right? Or something like 30 days
goes by???
Bob WE6C

--- On Fri, 7/1/11, _palmimports@..._ (mailto:palmimports@...m)
<_palmimports@..._ (mailto:palmimports@...) > wrote:

From: _palmimports@..._ (mailto:palmimports@...)
<_palmimports@..._ (mailto:palmimports@...) >
Subject: Re: [TS-850_450_690] Approached by scammers. (Was: Advise in
where to buy a c...
To: _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)
Date: Friday, July 1, 2011, 6:48 AM

I wrote an article on eham awhile ago on 15+ years of horsetrading--

Even when you think youre covered- you may not be-

here's a brief example

You sell a 500.00 radio to someone in S America- via ebay- using paypal.

The radio ends up in customs- and the buyer decides- he dont want to pay

customs fees- he totally forgot his country adds 20 per cent duties to
that

radio- so... he never picks it up/

He files a paypal dispute- item not received- and guess what- EVEN though

he never picked it up- paypal's position is: buyer never got radio he's

entitled to a refund

Now- what about getting your radio back? Good luck. Paypal's decision is

soley based on buyer NOT getting the radio. IF he got it- he would have to

send it back as an item not as described dispute. But because he doesn't

physically have the item- and it doesn't matter WHY- youre screwed.

Or-- someone buys a radio from you- swaps out main boards because he has

the SAME radio and needed a board- then disputes the item as non working.
You

loose.

Oh.. you say-- you sold it AS IS- NO RETURNS---- youre covered.

Wrong.

By carefully wording your ad you can cover your ass- but the wording HAS
to

be right

Pick up the phone- call the seller/buyer- get a feel- google the name and

callsign. do your legwork.

You will get a painted picture of the seller with a bit of research.

Ive been lucky in 15 years- but I follow my rules and NEVER deviate.

Joe N2GBT

In a message dated 7/1/2011 9:40:57 A.M. Eastern Daylight Time,

w9sz.zack@... (mailto:w9sz.zack@...) writes:

Unless it's on eBay and the person has sold things already with a good

feedback rating (>97%) or it's someone I know personally, I wouldn't

buy it unless I could call the person on the phone and speak with them

directly about it.

I guess some of us who have purchased things over internet for a long

time have developed a "feel" for the scammers. I haven't been burned

in years. Last time was someone on a ham radio group who sold me a HV

transformer for $60. I never got it. He claimed he had shipped it but

didn't present any sort of tracking number and kept my money. I just

wrote it off to a lesson in life in that case.

If I'd lost the $800 I spent for the mint condition 850 I got, it

would've been a different story.

73, Zack W9SZ

On 7/1/11, __palmimports@..._ (mailto:_palmimports@...) _
(mailto:_palmimports@..._ (mailto:palmimports@...))

<__palmimports@..._ (mailto:_palmimports@...) _
(mailto:_palmimports@..._ (mailto:palmimports@...)) > wrote:

> LOL been through that enough also-- NEVER pay them by WU-- always use a

> moneygram!! LOL

> Joe N2GBT

>

>

>

>

> In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time,

> __alvin.mirabal@..._ (mailto:_alvin.mirabal@...) _
(mailto:_alvin.mirabal@..._ (mailto:alvin.mirabal@...)) writes:

>

>

>

>

> By the way.. As soon I posted in different ham radio websites my

intention

> to buy a TS-950SDX, I have received five e-mails from outside the US

> offering me "dream" TS-950SDX radios at ridiculous prices.

>

> Three from the UK,

> Two from Italy

> One from Canada.

>

> All of them of course asking to be paid by Western Union..

>

> Go figure... hmmm..

>

> WP4IDK/5

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10515. Field Day TS-450 Logic FREAK-OUT!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 21:02:48 UTC
From: Ron
Topic: 10515 Message: 10515

This last Field Day operating the 20-m CW station from W6SW, several hours into the event, my TS-450 starting "freaking out". Some of the button's stopped working, altho I was able to press-tune and have the radio go into tune mode. I couldn't change the filter settings, although I have all filters installed for 8.83 and 455.

Within a matter of minutes the tune button would no longer work.
I could transmit OK and switch between VFO and Memory mode, but could not change to different memories. The M->V no longer worked. The filters were stuck at 6khz and 2.4khz respectively; however switching to a memory channel would change the filter settings stored in that channel. I could invoke the various menu modes from startup but could see nothing amiss.
I ended up swapping out the radio in favor of my ICOM 7000.

Has anyone ever encountered this? Instinct tells me it is probably something simple. Do you know where I should begin looking to resolve this problem?

Curiously,
Ron
WQ6X

10516. Re: TS850 and RTTY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 22:06:23 UTC
From: villy.madsen
Topic: 10104 Message: 10516

Nope - not the PLL VCOs - although I did tweak them...
Villy

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Just to show you how often I check out the group (not)....
>
> I had to pull the LO2 VCO module as well. I could have replaced the trimmer with a like one, but I had already ordered a couple of glass piston caps - and I liked the idea of having multiple turns (instead of only 180 degrees).
>
> I am now having a problem that I think is VCO2 (not LO2 VCO) - if I end up having to change that cap as well, I think that I will go ahead and change all of the trimmers. I haven't tried adjust the cap yet - thought that I would wait to hear from some of the gurus on here.
>
> Of course, it would have to happen during the RAC contest
>
> Villy ve6sq
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@> wrote:
> >
> > I actually pulled the assembly right out and replaced the bad cap with a ceramic variable...It was one of those things I just had to try, and it worked....!!! 73...Jordan VE6ZT
> >
> >
> > ----- Original Message -----
> > From: villy.madsen
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, January 10, 2011 4:37 PM
> > Subject: [TS-850_450_690] Re: TS850 and RTTY
> >
> >
> >
> > Well, the patient survived. The Doctor was a little worried at the end, but it all came together...
> >
> > One of the pistons I had purchased would fit if I side mounted it like http://n6tr.jzap.com/vco2.jpg -
> > Sure a lot easier tweeking a multiturn piston to 5.03V than it is a 180 degree trim cap....

> >
> > Villy
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > >
> > > Turning the rig on this morning, I noticed the rasp back in the cw signals again - I wonder if the extended operating time this weekend triggered it.
> > >
> > > Wish me luck
> > >
> > > Villy VE6SQ
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

10517. Re: Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-01 23:33:35 UTC
From: avvidclif
Topic: 10505 Message: 10517

Let's get back on topic.

Clif

--- In TS-850_450_690@yahoogroups.com, palmimports@... wrote:
>
> Sellers cant leave negative feedback especially as retaliation. Buyers can
> leave anything they want.
> We sell on Amazon here- and Amazon ONLY cares about BUYER SATISFACTION.
> Anything wrong- the seller must handle it. Ebay is the same. It's a proven
> business model based on sheer numbers.
> Ebay is no longer the venue where anything goes. It looks out for buyers-
> and offers them amazing recourse- to the tune of allowing fraud and
> deceptive buying practices to flourish.
>
> I am not saying its predominant- but if you know how to play the system- it
> will work for you as an unscrupulous buyer.
>
> As such- intricate scams evolve that work within the environment of Ebay
> etc. and soon carry over to QTH and other swap boards.
>
> Bottom line is- you leave yourself open to the pitfalls and scams IF youre
> not careful.
> A seller can choose his buyer- if someone buys something from me with -
> feedback- or no feedback- or I got bad vibes I cancel the sale. I never buy
> using a USPS money order. Personal check or paypal.
> Primarily because I run a busy company and there is NOTHING in this hobby -
> especially used- I need bad enough to stand in line at the Daytona Beach
> PO for an hour LOL
>
> If you want to trade with me and you have no track record on the net- send
> me your item first. I have 15+ years of positive performance to read up on.
> If you dont- that's how I do things.
>
> If you've sold 800 ham items on ebay or qth and its there to read- it's
> different- it means youre a horsetrader like me and different strategies will
> apply.
>
> ive seen estate sales- no means to test- no antenna etc and if you go back
> and read- the guy is an avid ham--
>
> I can test anything to make sure it works with a dummy load and a hunk of
> coax.
>
> BUT... I still believe that our integrity as a community is still well

> intact and this is the exception rather then the rule. I just elect not to make
> exceptions to my rule(s) :)
>
> This is always a good topic to get me going on LOL
> Joe N2GBT
>
>
>
>
>
>
> In a message dated 7/1/2011 3:37:51 P.M. Eastern Daylight Time,
> wotbob01@... writes:
>
>
>
>
> Joe, As you said in different words below, the sellers have basically no
> rights, and the buyers have all the rights.
> Your example below is why most will not ship outside the lower 48.
> I have also heard that until the buyer gives you, the seller, a pos
> feedback, you don't get your money??? Is that right? Or something like 30 days
> goes by???
> Bob WE6C
>
> --- On Fri, 7/1/11, _palmimports@..._ (mailto:palmimports@...)
> <_palmimports@..._ (mailto:palmimports@...) > wrote:
>
> From: _palmimports@..._ (mailto:palmimports@...)
> <_palmimports@..._ (mailto:palmimports@...) >
> Subject: Re: [TS-850_450_690] Approached by scammers. (Was: Advise in
> where to buy a c...
> To: _TS-850_450_690@yahoogroups.com_
> (mailto:TS-850_450_690@yahoogroups.com)
> Date: Friday, July 1, 2011, 6:48 AM
>
>
>
> I wrote an article on eham awhile ago on 15+ years of horsetrading--
>
> Even when you think youre covered- you may not be-
>
> here's a brief example
>
> You sell a 500.00 radio to someone in S America- via ebay- using paypal.
>
> The radio ends up in customs- and the buyer decides- he dont want to pay
>
> customs fees- he totally forgot his country adds 20 per cent duties to
> that

>
> radio- so... he never picks it up/
>
> He files a paypal dispute- item not received- and guess what- EVEN though
>
> he never picked it up- paypal's position is: buyer never got radio he's
>
> entitled to a refund
>
> Now- what about getting your radio back? Good luck. Paypal's decision is
>
> soley based on buyer NOT getting the radio. IF he got it- he would have to
>
> send it back as an item not as described dispute. But because he doesn't
>
> physically have the item- and it doesn't matter WHY- youre screwed.
>
> Or-- someone buys a radio from you- swaps out main boards because he has
>
> the SAME radio and needed a board- then disputes the item as non working.
> You
>
> loose.
>
> Oh.. you say-- you sold it AS IS- NO RETURNS---- youre covered.
>
> Wrong.
>
> By carefully wording your ad you can cover your ass- but the wording HAS
> to
>
> be right
>
> Pick up the phone- call the seller/buyer- get a feel- google the name and
>
> callsign. do your legwork.
>
> You will get a painted picture of the seller with a bit of research.
>
> Ive been lucky in 15 years- but I follow my rules and NEVER deviate.
>
> Joe N2GBT
>
> In a message dated 7/1/2011 9:40:57 A.M. Eastern Daylight Time,
>
> _w9sz.zack@..._ (mailto:w9sz.zack@...) writes:
>
> Unless it's on eBay and the person has sold things already with a good
>
> feedback rating (>97%) or it's someone I know personally, I wouldn't

>
> buy it unless I could call the person on the phone and speak with them
>
> directly about it.
>
> I guess some of us who have purchased things over internet for a long
>
> time have developed a "feel" for the scammers. I haven't been burned
>
> in years. Last time was someone on a ham radio group who sold me a HV
>
> transformer for $60. I never got it. He claimed he had shipped it but
>
> didn't present any sort of tracking number and kept my money. I just
>
> wrote it off to a lesson in life in that case.
>
> If I'd lost the $800 I spent for the mint condition 850 I got, it
>
> would've been a different story.
>
> 73, Zack W9SZ
>
> On 7/1/11, __palmimports@..._ (mailto:_palmimports@...) _
> (mailto:_palmimports@..._ (mailto:palmimports@...))
>
> <__palmimports@..._ (mailto:_palmimports@...) _
> (mailto:_palmimports@..._ (mailto:palmimports@...)) > wrote:
>
> > LOL been through that enough also-- NEVER pay them by WU-- always use a
>
> > moneygram!! LOL
>
> > Joe N2GBT
>
> >
>
> >
>
> >
>
> >
>
> >
>
> > In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time,
>
> > __alvin.mirabal@..._ (mailto:_alvin.mirabal@...) _
> (mailto:_alvin.mirabal@..._ (mailto:alvin.mirabal@...)) writes:
>
> >
>

> >
>
> >
>
> >
>
> > By the way.. As soon I posted in different ham radio websites my
>
> intention
>
> > to buy a TS-950SDX, I have received five e-mails from outside the US
>
> > offering me "dream" TS-950SDX radios at ridiculous prices.
>
> >
>
> > Three from the UK,
>
> > Two from Italy
>
> > One from Canada.
>
> >
>
> > All of them of course asking to be paid by Western Union..
>
> >
>
> > Go figure... hmmm..
>
> >
>
> > WP4IDK/5
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> >
>

> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10518. Re: [TS-850_450_690] Re: Approached by scammers. (Was: Advise in where to buy a c...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-02 00:43:54 UTC
From: Crownhaven
Topic: 10505 Message: 10518

Thank you.......

Steve, N4JQQ

avvidclif wrote:
>
> Let's get back on topic.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, palmimports@... wrote:
> >
> > Sellers cant leave negative feedback especially as retaliation.
> Buyers can
> > leave anything they want.
> > We sell on Amazon here- and Amazon ONLY cares about BUYER SATISFACTION.
> > Anything wrong- the seller must handle it. Ebay is the same. It's a
> proven
> > business model based on sheer numbers.
> > Ebay is no longer the venue where anything goes. It looks out for
> buyers-
> > and offers them amazing recourse- to the tune of allowing fraud and
> > deceptive buying practices to flourish.
> >
> > I am not saying its predominant- but if you know how to play the
> system- it
> > will work for you as an unscrupulous buyer.
> >
> > As such- intricate scams evolve that work within the environment of
> Ebay
> > etc. and soon carry over to QTH and other swap boards.
> >
> > Bottom line is- you leave yourself open to the pitfalls and scams IF
> youre
> > not careful.
> > A seller can choose his buyer- if someone buys something from me with -
> > feedback- or no feedback- or I got bad vibes I cancel the sale. I
> never buy
> > using a USPS money order. Personal check or paypal.
> > Primarily because I run a busy company and there is NOTHING in this
> hobby -
> > especially used- I need bad enough to stand in line at the Daytona
> Beach

> > PO for an hour LOL
> >
> > If you want to trade with me and you have no track record on the
> net- send
> > me your item first. I have 15+ years of positive performance to read
> up on.
> > If you dont- that's how I do things.
> >
> > If you've sold 800 ham items on ebay or qth and its there to read- it's
> > different- it means youre a horsetrader like me and different
> strategies will
> > apply.
> >
> > ive seen estate sales- no means to test- no antenna etc and if you
> go back
> > and read- the guy is an avid ham--
> >
> > I can test anything to make sure it works with a dummy load and a
> hunk of
> > coax.
> >
> > BUT... I still believe that our integrity as a community is still well
> > intact and this is the exception rather then the rule. I just elect
> not to make
> > exceptions to my rule(s) :)
> >
> > This is always a good topic to get me going on LOL
> > Joe N2GBT
> >
> >
> >
> >
> >
> >
> > In a message dated 7/1/2011 3:37:51 P.M. Eastern Daylight Time,
> > wotbob01@... writes:
> >
> >
> >
> >
> > Joe, As you said in different words below, the sellers have
> basically no
> > rights, and the buyers have all the rights.
> > Your example below is why most will not ship outside the lower 48.
> > I have also heard that until the buyer gives you, the seller, a pos
> > feedback, you don't get your money??? Is that right? Or something
> like 30 days
> > goes by???
> > Bob WE6C
> >

> > --- On Fri, 7/1/11, _palmimports@..._ (mailto:palmimports@...)
> > <_palmimports@..._ (mailto:palmimports@...) > wrote:
> >
> > From: _palmimports@..._ (mailto:palmimports@...)
> > <_palmimports@..._ (mailto:palmimports@...) >
> > Subject: Re: [TS-850_450_690] Approached by scammers. (Was: Advise in
> > where to buy a c...
> > To: _TS-850_450_690@yahoogroups.com
> <mailto:_TS-850_450_690%40yahoogroups.com>_
> > (mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>)
> > Date: Friday, July 1, 2011, 6:48 AM
> >
> >
> >
> > I wrote an article on eham awhile ago on 15+ years of horsetrading--
> >
> > Even when you think youre covered- you may not be-
> >
> > here's a brief example
> >
> > You sell a 500.00 radio to someone in S America- via ebay- using paypal.
> >
> > The radio ends up in customs- and the buyer decides- he dont want to
> pay
> >
> > customs fees- he totally forgot his country adds 20 per cent duties to
> > that
> >
> > radio- so... he never picks it up/
> >
> > He files a paypal dispute- item not received- and guess what- EVEN
> though
> >
> > he never picked it up- paypal's position is: buyer never got radio he's
> >
> > entitled to a refund
> >
> > Now- what about getting your radio back? Good luck. Paypal's
> decision is
> >
> > soley based on buyer NOT getting the radio. IF he got it- he would
> have to
> >
> > send it back as an item not as described dispute. But because he
> doesn't
> >
> > physically have the item- and it doesn't matter WHY- youre screwed.
> >
> > Or-- someone buys a radio from you- swaps out main boards because he

> has
> >
> > the SAME radio and needed a board- then disputes the item as non
> working.
> > You
> >
> > loose.
> >
> > Oh.. you say-- you sold it AS IS- NO RETURNS---- youre covered.
> >
> > Wrong.
> >
> > By carefully wording your ad you can cover your ass- but the wording
> HAS
> > to
> >
> > be right
> >
> > Pick up the phone- call the seller/buyer- get a feel- google the
> name and
> >
> > callsign. do your legwork.
> >
> > You will get a painted picture of the seller with a bit of research.
> >
> > Ive been lucky in 15 years- but I follow my rules and NEVER deviate.
> >
> > Joe N2GBT
> >
> > In a message dated 7/1/2011 9:40:57 A.M. Eastern Daylight Time,
> >
> > _w9sz.zack@..._ (mailto:w9sz.zack@...) writes:
> >
> > Unless it's on eBay and the person has sold things already with a good
> >
> > feedback rating (>97%) or it's someone I know personally, I wouldn't
> >
> > buy it unless I could call the person on the phone and speak with them
> >
> > directly about it.
> >
> > I guess some of us who have purchased things over internet for a long
> >
> > time have developed a "feel" for the scammers. I haven't been burned
> >
> > in years. Last time was someone on a ham radio group who sold me a HV
> >
> > transformer for $60. I never got it. He claimed he had shipped it but
> >
> > didn't present any sort of tracking number and kept my money. I just

> >
> > wrote it off to a lesson in life in that case.
> >
> > If I'd lost the $800 I spent for the mint condition 850 I got, it
> >
> > would've been a different story.
> >
> > 73, Zack W9SZ
> >
> > On 7/1/11, __palmimports@..._ (mailto:_palmimports@...) _
> > (mailto:_palmimports@..._ (mailto:palmimports@...))
> >
> > <__palmimports@..._ (mailto:_palmimports@...) _
> > (mailto:_palmimports@..._ (mailto:palmimports@...)) > wrote:
> >
> > > LOL been through that enough also-- NEVER pay them by WU-- always
> use a
> >
> > > moneygram!! LOL
> >
> > > Joe N2GBT
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > > In a message dated 6/30/2011 10:41:02 P.M. Eastern Daylight Time,
> >
> > > __alvin.mirabal@..._ (mailto:_alvin.mirabal@...) _
> > (mailto:_alvin.mirabal@..._ (mailto:alvin.mirabal@...)) writes:
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > > By the way.. As soon I posted in different ham radio websites my
> >
> > intention
> >
> > > to buy a TS-950SDX, I have received five e-mails from outside the US
> >
> > > offering me "dream" TS-950SDX radios at ridiculous prices.

> >
> > >
> >
> > > Three from the UK,
> >
> > > Two from Italy
> >
> > > One from Canada.
> >
> > >
> >
> > > All of them of course asking to be paid by Western Union..
> >
> > >
> >
> > > Go figure... hmmm..
> >
> > >
> >
> > > WP4IDK/5
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > > [Non-text portions of this message have been removed]
> >
> > >
> >
> > >
> >
> > > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

10519. Re: [TS-850_450_690] Field Day TS-450 Logic FREAK-OUT!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-02 00:49:51 UTC
From: Swen Röder
Topic: 10515 Message: 10519

Well for me it looks like a coming total failture of the digital unit of the TS-450 - which seems to be pretty common. It started almost similar with my rig e.g. some functions went down incl. filter settings until within 2 month the rig was totally unuseable. Tried to fix the digital unit e.g. all supply voltages were there, backup battery voltage etc. .... but then your are at the end with limited test equipment.

Fortunately manage to get an replacement of the digital unit - after 3 years of waiting and supplier search - this unit is unfortunately sold out with Kenwood and the service centers worldwide, good scource are departed rig's which are sold in parts - sometimes on online auction platforms.

Well the good thing is my rig is working again .... I keep my fingers crossed I hope you will have the same luck like me.

73 de HS0ZFZ

Swen

On Sat, Jul 2, 2011 at 4:02 AM, Ron <ts450_group@...> wrote:

> **
>
>
> This last Field Day operating the 20-m CW station from W6SW, several hours
> into the event, my TS-450 starting "freaking out". Some of the button's
> stopped working, altho I was able to press-tune and have the radio go into
> tune mode. I couldn't change the filter settings, although I have all
> filters installed for 8.83 and 455.
>
> Within a matter of minutes the tune button would no longer work.
> I could transmit OK and switch between VFO and Memory mode, but could not
> change to different memories. The M->V no longer worked. The filters were
> stuck at 6khz and 2.4khz respectively; however switching to a memory channel
> would change the filter settings stored in that channel. I could invoke the
> various menu modes from startup but could see nothing amiss.
> I ended up swapping out the radio in favor of my ICOM 7000.
>
> Has anyone ever encountered this? Instinct tells me it is probably
> something simple. Do you know where I should begin looking to resolve this
> problem?
>
> Curiously,
> Ron
> WQ6X
>

>
>

[Non-text portions of this message have been removed]

10521. Re: Field Day TS-450 Logic FREAK-OUT!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-02 03:03:04 UTC
From: Ron
Topic: 10515 Message: 10521

When I hear "digital unit" that confuses me as the digital display is working fine; it's "only" the buttons which are not responding.

Can you clarify?

Curiously,
Ron
WQ6X

10522. Re: Field Day TS-450 Logic FREAK-OUT!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-02 15:12:08 UTC
From: avvidclif
Topic: 10515 Message: 10522

While not as commonas the 850 the batteries in the 450 have been known to leak. They damage traces. Several data lines run under and just below the battery which when intermittent can lead to all kinds of different symptoms.

Check the battery first.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron" <ts450_group@...> wrote:
>
> This last Field Day operating the 20-m CW station from W6SW, several hours into the event, my TS-450 starting "freaking out". Some of the button's stopped working, altho I was able to press-tune and have the radio go into tune mode. I couldn't change the filter settings, although I have all filters installed for 8.83 and 455.
>
> Within a matter of minutes the tune button would no longer work.
> I could transmit OK and switch between VFO and Memory mode, but could not change to different memories. The M->V no longer worked. The filters were stuck at 6khz and 2.4khz respectively; however switching to a memory channel would change the filter settings stored in that channel. I could invoke the various menu modes from startup but could see nothing amiss.
> I ended up swapping out the radio in favor of my ICOM 7000.
>
> Has anyone ever encountered this? Instinct tells me it is probably something simple. Do you know where I should begin looking to resolve this problem?
>
> Curiously,
> Ron
> WQ6X
>

10523. Re: Field Day TS-450 Logic FREAK-OUT!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-02 19:12:26 UTC
From: Ron
Topic: 10515 Message: 10523

I have yet to open up my TS-450.
Is there a writeup somewhere that describes how to change the battery (meaning how to locate it inside the radio)?

Curiously,
Ron
WQ6X

10524. display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-04 16:34:48 UTC
From: PU2PJA VOODOO!!!
Topic: 10524 Message: 10524

Hello

Can someone help me.

My TS-850s put out only the parts of the left of the display.
Where brand power, ALC and SWR.

How do I solve this problem.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

1. interjeição

1. hello
2. hi
3. hoy

[Non-text portions of this message have been removed]

10525. RES: [TS-850_450_690] display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-04 18:52:23 UTC
From: Marcio Merçon de Vargas - PP1MV
Topic: 10524 Message: 10525

Pablo,

Check the IC2 (MSM5265).

73,

Marcio Merçon de Vargas - PP1MV

cel.: (28) 8803-4539

email: <mailto:marcio@...> pp1mv@...

MSN: <mailto:marciomercon@...> marciomercon@hotmail.com

De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Em nome de PU2PJA VOODOO!!!
Enviada em: segunda-feira, 4 de julho de 2011 13:35
Para: TS-850_450_690@yahoogroups.com
Assunto: [TS-850_450_690] display problem

Hello

Can someone help me.

My TS-850s put out only the parts of the left of the display.
Where brand power, ALC and SWR.

How do I solve this problem.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

1. interjeição

1. hello
2. hi
3. hoy

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10526. RE: [TS-850_450_690] display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-04 19:47:44 UTC
From: Dave Gmail
Topic: 10524 Message: 10526

<Quote>
Tilt the front of the radio down (after removing covers of course).
Remove the display unit. In the middle of the backside of the board
is a large electrolytic cap (C18 IIRC). Replace it and repair the
damaged traces AND thru holes the acid damaged. Don't forget the thru
holes. Also one leg of the cap has it's connection under it. Trace it
out and jumper because the hole under it is usually no good.

Clif

<unquote>

This from a previous query about the same problem, I think

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of PU2PJA VOODOO!!!
Sent: July-04-11 12:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] display problem

Hello

Can someone help me.

My TS-850s put out only the parts of the left of the display.
Where brand power, ALC and SWR.

How do I solve this problem.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

1. interjeição

1. hello
2. hi
3. hoy

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

10527. Re: [TS-850_450_690] TS-850 FSK PWR & RX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-05 19:07:19 UTC
From: CT1EEK Nuno
Topic: 10483 Message: 10527

Many thanks Joe, Jordan & Steve

My lovely TS-850 is going to maintenance!

Many thanks for all your help!

CU on the air!

Nuno

CT1EEK - CR5R

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 28, 2011 1:18 AM
Subject: Re: [TS-850_450_690] TS-850 FSK PWR & RX

I had a similar problem with my radio. Clif told me how to test it. I
can't remember. But, that is what it was, DC-DC board. I sent it off
to him and it came back working like new.

Steve, N4JQQ

palmimports@... wrote:
>
>
> if its on a TS850 almost sounds like the dc-dc converter board
> Joe
>
>
> In a message dated 6/27/2011 8:01:27 P.M. Eastern Daylight Time,
> nunoct1eek@sapo.pt <mailto:nunoct1eek%40sapo.pt> writes:
>
> Hi all!
>
> Just need some help here.
>
> A few days ago...
>
> * When I transmit RTTY FSK power goes up & down, between +- 100w to 60w.
> It is not a continuous signal.
>
> ** When I RX after a few seconds the signal disappears. I TX a little and
> it comes up.
>
> Very strange...

>
> Any help is welcome.
>
> Many thanks.
>
> Nuno
>
> CT1EEK - CR5R
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1388 / Virus Database: 1513/3729 - Release Date: 06/27/11

[Non-text portions of this message have been removed]

10528. RES: [TS-850_450_690] display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-05 19:16:10 UTC
From: PU2PJA VOODOO!!!
Topic: 10524 Message: 10528

Hello Clif
Thank you for your help.

I had to change the C18 also leaked and changed the C16.

Outside I had to redo some tracks too.

Very compelle for help.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Em nome de Dave Gmail
Enviada em: segunda-feira, 4 de julho de 2011 16:48
Para: TS-850_450_690@yahoogroups.com
Assunto: RE: [TS-850_450_690] display problem

<Quote>
Tilt the front of the radio down (after removing covers of course).
Remove the display unit. In the middle of the backside of the board
is a large electrolytic cap (C18 IIRC). Replace it and repair the
damaged traces AND thru holes the acid damaged. Don't forget the thru
holes. Also one leg of the cap has it's connection under it. Trace it
out and jumper because the hole under it is usually no good.

Clif

<unquote>

This from a previous query about the same problem, I think

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of PU2PJA VOODOO!!!
Sent: July-04-11 12:35 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] display problem

Hello

Can someone help me.

My TS-850s put out only the parts of the left of the display.
Where brand power, ALC and SWR.

How do I solve this problem.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

1. interjeição

1. hello
2. hi
3. hoy

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links

[Non-text portions of this message have been removed]

10529. ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-06 19:17:09 UTC
From: VA3UE
Topic: 10529 Message: 10529

Bought ne of these and it arrived yesterday.
Digital Master 780 is ok.
Got CW working by setting DTR and RTS on COM6.
Got PTT working for AFSK with RTS on COM6.

Trying to get the CAT interface running (COM7) in Ham Radio Deluxe. The CAT cable passes loopback test fine and it appears to be wired correctly to the ACC1 socket.

Is there a menu option in the TS-450S I'm missing that turns this feature on? Otherwise I'm looking at a problem inside the rig. Perhaps a bad IC12 (SN74AS04NS)?

Has anybody had this kind of difficulty like this?

Thanks in advance.

Daniel
VA3UE

10530. RE: [TS-850_450_690] ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-06 22:16:23 UTC
From: Dave Gmail
Topic: 10529 Message: 10530

What baud rate are you using for the ts450

4800, 8,n,2 is most common for all kenwood (that I have seen), is that your settings (cat settings only)

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of VA3UE
Sent: July-06-11 3:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ZLP DigiMaster Pro+

Bought ne of these and it arrived yesterday.
Digital Master 780 is ok.
Got CW working by setting DTR and RTS on COM6.
Got PTT working for AFSK with RTS on COM6.

Trying to get the CAT interface running (COM7) in Ham Radio Deluxe. The CAT cable passes loopback test fine and it appears to be wired correctly to the ACC1 socket.

Is there a menu option in the TS-450S I'm missing that turns this feature on? Otherwise I'm looking at a problem inside the rig. Perhaps a bad IC12 (SN74AS04NS)?

Has anybody had this kind of difficulty like this?

Thanks in advance.

Daniel
VA3UE

THANKS FOR USING TS-850_450_690@...! Groups Links

10531. RES: [TS-850_450_690] display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-05 19:16:10 UTC
From: PU2PJA VOODOO!!!
Topic: 10524 Message: 10531

Olá Marcio

Obrigado pela ajuda.

Meu ts-850sat já esta funcionando de novo a toda prova.

Valeuuuuuuuuu

Forte 73

De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Em nome de Marcio Merçon de Vargas - PP1MV
Enviada em: segunda-feira, 4 de julho de 2011 15:52
Para: TS-850_450_690@yahoogroups.com
Assunto: RES: [TS-850_450_690] display problem

Pablo,

Check the IC2 (MSM5265).

73,

Marcio Merçon de Vargas - PP1MV

cel.: (28) 8803-4539

email: <mailto:marcio@... <mailto:marcio%40mmv.pro.br> >
pp1mv@... <mailto:pp1mv%40mmv.pro.br>

MSN: <mailto:marciomercon@... <mailto:marciomercon%40hotmail.com> >
marciomercon@... <mailto:marciomercon%40hotmail.com>

De: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
Em nome de PU2PJA VOODOO!!!
Enviada em: segunda-feira, 4 de julho de 2011 13:35
Para: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
Assunto: [TS-850_450_690] display problem

Hello

Can someone help me.

My TS-850s put out only the parts of the left of the display.
Where brand power, ALC and SWR.

How do I solve this problem.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

1. interjeição

1. hello
2. hi
3. hoy

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10532. RES: [TS-850_450_690] display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-07 00:18:03 UTC
From: Marcio Merçon de Vargas - PP1MV
Topic: 10524 Message: 10532

Blz Pablo!!!

Era o capacitor mesmo né?

Te falei do CI pois estou com uma aqui justamente com problema neste CI.

73,

Marcio Merçon de Vargas - PP1MV

cel.: (28) 8803-4539

email: <mailto:marcio@...> pp1mv@...

MSN: <mailto:marciomercon@...> marciomercon@hotmail.com

De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Em nome de PU2PJA VOODOO!!!
Enviada em: terça-feira, 5 de julho de 2011 16:16
Para: TS-850_450_690@yahoogroups.com
Assunto: RES: [TS-850_450_690] display problem

Olá Marcio

Obrigado pela ajuda.

Meu ts-850sat já esta funcionando de novo a toda prova.

Valeuuuuuuuuu

Forte 73

De: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
Em nome de Marcio Merçon de Vargas - PP1MV
Enviada em: segunda-feira, 4 de julho de 2011 15:52
Para: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
Assunto: RES: [TS-850_450_690] display problem

Pablo,

Check the IC2 (MSM5265).

73,

Marcio Merçon de Vargas - PP1MV

cel.: (28) 8803-4539

email: <mailto:marcio@... <mailto:marcio%40mmv.pro.br>
<mailto:marcio%40mmv.pro.br> >
pp1mv@... <mailto:pp1mv%40mmv.pro.br> <mailto:pp1mv%40mmv.pro.br>

MSN: <mailto:marciomercon@... <mailto:marciomercon%40hotmail.com>
<mailto:marciomercon%40hotmail.com> >
marciomercon@... <mailto:marciomercon%40hotmail.com>
<mailto:marciomercon%40hotmail.com>

De: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>]
Em nome de PU2PJA VOODOO!!!
Enviada em: segunda-feira, 4 de julho de 2011 13:35
Para: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
Assunto: [TS-850_450_690] display problem

Hello

Can someone help me.

My TS-850s put out only the parts of the left of the display.
Where brand power, ALC and SWR.

How do I solve this problem.

Pablo - PU2PJA

Ouvir

Ler foneticamente

Dicionário

1. interjeição

1. hello
2. hi
3. hoy

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10533. Re: ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-07 00:17:01 UTC
From: VA3UE
Topic: 10529 Message: 10533

Yes,

The HRD connection wizard knows it's 4800 baud based on the model of radio from the drop down. I've even hooked up to the com7 port with Putty at 4800 8N2 and still nothing. I send the simplest command according to the interface manual "ID;" and no response.

In the meantime I hooked up an old scope to the TX & RX data pins on the din connector ACC1 while the CAT interface was connected and I see square waves going in when I type a character via Putty. However at all times (typing or not) there is data coming out of the output pin from the radio regardless of mode or squelch or volume or any setting that comes to mind. It looks like it is streaming data constantly. I have no way of knowing what baud rate it is or if it is inverted since it is a constant stream.

Might there be somebody in the Dallas Texas area with any kind of working CAT connection to a TS-450/690/850 that I could bring my rig over and see if it is my rig for sure?

Daniel

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> What baud rate are you using for the ts450
>
>
> 4800, 8,n,2 is most common for all kenwood (that I have seen), is that
> your settings (cat settings only)
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of VA3UE
> Sent: July-06-11 3:17 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] ZLP DigiMaster Pro+
>
> Bought ne of these and it arrived yesterday.
> Digital Master 780 is ok.
> Got CW working by setting DTR and RTS on COM6.
> Got PTT working for AFSK with RTS on COM6.
>
> Trying to get the CAT interface running (COM7) in Ham Radio Deluxe. The CAT
> cable passes loopback test fine and it appears to be wired correctly to the
> ACC1 socket.
>
> Is there a menu option in the TS-450S I'm missing that turns this feature
> on? Otherwise I'm looking at a problem inside the rig. Perhaps a bad IC12
> (SN74AS04NS)?

>
> Has anybody had this kind of difficulty like this?
>
> Thanks in advance.
>
> Daniel
> VA3UE
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10534. Re: [TS-850_450_690] Re: ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-07 01:39:36 UTC
From: Tom Osborne
Topic: 10529 Message: 10534

Did you try 'auto-connect?

73
Tom W7WHY

Yes,

The HRD connection wizard knows it's 4800 baud based on the model of radio from the drop down. I've even hooked up to the com7 port with Putty at 4800 8N2 and still nothing. I send the simplest command according to the interface manual "ID;" and no response.

In the meantime I hooked up an old scope to the TX & RX data pins on the din connector ACC1 while the CAT interface was connected and I see square waves going in when I type a character via Putty. However at all times (typing or not) there is data coming out of the output pin from the radio regardless of mode or squelch or volume or any setting that comes to mind. It looks like it is streaming data constantly. I have no way of knowing what baud rate it is or if it is inverted since it is a constant stream.

Might there be somebody in the Dallas Texas area with any kind of working CAT connection to a TS-450/690/850 that I could bring my rig over and see if it is my rig for sure?

Daniel

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> What baud rate are you using for the ts450
>
>
> 4800, 8,n,2 is most common for all kenwood (that I have seen), is that
> your settings (cat settings only)
>

> Bought ne of these and it arrived yesterday.
> Digital Master 780 is ok.
> Got CW working by setting DTR and RTS on COM6.
> Got PTT working for AFSK with RTS on COM6.
>
> Trying to get the CAT interface running (COM7) in Ham Radio Deluxe. The
> CAT
> cable passes loopback test fine and it appears to be wired correctly to
> the
> ACC1 socket.
>
> Is there a menu option in the TS-450S I'm missing that turns this feature

> on? Otherwise I'm looking at a problem inside the rig. Perhaps a bad IC12
> (SN74AS04NS)?
>
> Has anybody had this kind of difficulty like this?
>
> Thanks in advance.
>
> Daniel
> VA3UE
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10535. Re: ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-07 02:03:04 UTC
From: VA3UE
Topic: 10529 Message: 10535

If you mean auto-detect yes. None of the flow control options make a difference nor should they since there are only 3 wires going to ACC1, txd, rxd and gnd.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Did you try 'auto-connect?
>
> 73
> Tom W7WHY
>
>
>
> Yes,
>
> The HRD connection wizard knows it's 4800 baud based on the model of radio
> from the drop down. I've even hooked up to the com7 port with Putty at 4800
> 8N2 and still nothing. I send the simplest command according to the
> interface manual "ID;" and no response.
>
> In the meantime I hooked up an old scope to the TX & RX data pins on the din
> connector ACC1 while the CAT interface was connected and I see square waves
> going in when I type a character via Putty. However at all times (typing or
> not) there is data coming out of the output pin from the radio regardless of
> mode or squelch or volume or any setting that comes to mind. It looks like
> it is streaming data constantly. I have no way of knowing what baud rate it
> is or if it is inverted since it is a constant stream.
>
> Might there be somebody in the Dallas Texas area with any kind of working
> CAT connection to a TS-450/690/850 that I could bring my rig over and see if
> it is my rig for sure?
>
> Daniel
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > What baud rate are you using for the ts450
> >
> >
> > 4800, 8,n,2 is most common for all kenwood (that I have seen), is that
> > your settings (cat settings only)
> >
>
> > Bought ne of these and it arrived yesterday.
> > Digital Master 780 is ok.
> > Got CW working by setting DTR and RTS on COM6.

> > Got PTT working for AFSK with RTS on COM6.
> >
> > Trying to get the CAT interface running (COM7) in Ham Radio Deluxe. The
> > CAT
> > cable passes loopback test fine and it appears to be wired correctly to
> > the
> > ACC1 socket.
> >
> > Is there a menu option in the TS-450S I'm missing that turns this feature
> > on? Otherwise I'm looking at a problem inside the rig. Perhaps a bad IC12
> > (SN74AS04NS)?
> >
> > Has anybody had this kind of difficulty like this?
> >
> > Thanks in advance.
> >
> > Daniel
> > VA3UE
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

10536. Re: ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-07 14:35:59 UTC
From: VA3UE
Topic: 10529 Message: 10536

The radio is sending data out pin 2 of the ACC1 constantly with no input requests.

Here is a link to a picture of the scope on pin 2, the data out.

http://dl.dropbox.com/u/3222301/IMAG0223.jpg

0.1ms per horizontal division
1V per vertical division

I've looked at the output buffer inverter chip and there is signal going into it just like this (inverted of course). That chip is fed by IC1 (a big one). There must be a menu setting I'm missing that has some feature enabled that it is doing this.

Any ideas?

Thanks
Daniel

10537. FOUND: Re: Source for a replacement front bail TS-450S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-08 13:29:29 UTC
From: Frank
Topic: 10451 Message: 10537

All, I found a source for a complete lower bail assembly on eBay (Kenwoosparts@...) plus a set of front panel buttons...all for $25. Highly recommended vendor....he has more parts than advertised online.

Frank
K4FMH

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> I believe the entire line of 430/440/450s components use the tilt up bail. You may want to check this out. Of course the 450S probably uses a wider one then the components.
>
> Glenn - K4ZOT
>
> --- In TS-850_450_690@yahoogroups.com, "Frank" <frankmhowell@> wrote:
> >
> > I just purchased a TS-450S from another ham. He had it mounted in a camper and the front tilt-up bail is missing. I've check Kenwoodparts (both East and West) and it's a discontinued item. Outside of buying a "parts rig," does anyone know of a source for a replacement bail?
> >
> > Just had it a couple of weeks but, with extra filters installed, it is a sweet RX and I'm getting great reports on TX with a Heil mic.
> >
> > Frank
> > K4FMH
> >
>

10538. Re: [TS-850_450_690] FOUND: Re: Source for a replacement front bail TS-450S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-08 15:18:16 UTC
From: Gary Okicki
Topic: 10451 Message: 10538

Bad link.

From: Frank <frankmhowell@hotmail.com>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, July 8, 2011 9:29:29 AM
Subject: [TS-850_450_690] FOUND: Re: Source for a replacement front bail TS-450S?

All, I found a source for a complete lower bail assembly on eBay (Kenwoosparts@...) plus a set of front panel buttons...all for $25. Highly recommended vendor....he has more parts than advertised online.

Frank
K4FMH

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> I believe the entire line of 430/440/450s components use the tilt up bail. You >may want to check this out. Of course the 450S probably uses a wider one then >the components.
>
> Glenn - K4ZOT
>
> --- In TS-850_450_690@yahoogroups.com, "Frank" <frankmhowell@> wrote:
> >
> > I just purchased a TS-450S from another ham. He had it mounted in a camper >and the front tilt-up bail is missing. I've check Kenwoodparts (both East and >West) and it's a discontinued item. Outside of buying a "parts rig," does anyone >know of a source for a replacement bail?
> >
> > Just had it a couple of weeks but, with extra filters installed, it is a >sweet RX and I'm getting great reports on TX with a Heil mic.
> >
> > Frank
> > K4FMH
> >
>

[Non-text portions of this message have been removed]

10539. Re: [TS-850_450_690] FOUND: Re: Source for a replacement front bail TS-450S?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-08 19:28:42 UTC
From: Jorge Enrique Knull
Topic: 10451 Message: 10539

Gary:
Sign in into ebay, the in the search field type "kenwoodparts"
73
==========
Jorge Enrique Knull - LU4YAO
CC 231
8370 - San Martin de los Andes
Neuquen - Argentina

jeknull@...
==========

----- Original Message -----
From: Gary Okicki
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 08, 2011 12:18 PM
Subject: Re: [TS-850_450_690] FOUND: Re: Source for a replacement front bail TS-450S?

Bad link.

_____
From: Frank <frankmhowell@...>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, July 8, 2011 9:29:29 AM
Subject: [TS-850_450_690] FOUND: Re: Source for a replacement front bail
TS-450S?

All, I found a source for a complete lower bail assembly on eBay
(Kenwoosparts@aol.com) plus a set of front panel buttons...all for $25. Highly
recommended vendor....he has more parts than advertised online.

Frank
K4FMH

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> I believe the entire line of 430/440/450s components use the tilt up bail. You
>may want to check this out. Of course the 450S probably uses a wider one then
>the components.
>
> Glenn - K4ZOT
>
> --- In TS-850_450_690@yahoogroups.com, "Frank" <frankmhowell@> wrote:
> >
> > I just purchased a TS-450S from another ham. He had it mounted in a camper

>and the front tilt-up bail is missing. I've check Kenwoodparts (both East and
>West) and it's a discontinued item. Outside of buying a "parts rig," does anyone
>know of a source for a replacement bail?
> >
> > Just had it a couple of weeks but, with extra filters installed, it is a
>sweet RX and I'm getting great reports on TX with a Heil mic.
> >
> > Frank
> > K4FMH
> >
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10540. TS-850SAT + DSP 100 Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-09 03:25:13 UTC
From: dave schertzer
Topic: 10451 Message: 10540

When I use the DSP-100 on RX only and the TS850SAT it works GREAT !

When I use the DSP-100 (TX- In) and the TS850SAT tuner will NOT tune???

What am I doing wrong?? Checked all conections and manual???

Thanks

From: Gary Okicki <cobraman097@...>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, July 8, 2011 8:18:16 AM
Subject: Re: [TS-850_450_690] FOUND: Re: Source for a replacement front bail TS-450S?

Bad link.

From: Frank <frankmhowell@...>
To: TS-850_450_690@yahoogroups.com
Sent: Fri, July 8, 2011 9:29:29 AM
Subject: [TS-850_450_690] FOUND: Re: Source for a replacement front bail TS-450S?

All, I found a source for a complete lower bail assembly on eBay (Kenwoosparts@aol.com) plus a set of front panel buttons...all for $25. Highly recommended vendor....he has more parts than advertised online.

Frank
K4FMH

--- In TS-850_450_690@yahoogroups.com, "k4zot" <packardg@...> wrote:
>
> I believe the entire line of 430/440/450s components use the tilt up bail. You

>may want to check this out. Of course the 450S probably uses a wider one then
>the components.
>
> Glenn - K4ZOT
>
> --- In TS-850_450_690@...m, "Frank" <frankmhowell@> wrote:
> >
> > I just purchased a TS-450S from another ham. He had it mounted in a camper
>and the front tilt-up bail is missing. I've check Kenwoodparts (both East and
>West) and it's a discontinued item. Outside of buying a "parts rig," does anyone
>
>know of a source for a replacement bail?

> >
> > Just had it a couple of weeks but, with extra filters installed, it is a
>sweet RX and I'm getting great reports on TX with a Heil mic.
> >
> > Frank
> > K4FMH
> >
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10542. TS-430 basket case

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-09 18:14:06 UTC
From: cintrans
Topic: 10542 Message: 10542

Hi all,

Someone donated a well beaten-up TS-430 to one of the local HAM's, who at his turn brought it to me to put some life back into it...

I have it hooked up now and it seems all switches and knobs are doing what they are suppose to do (after some contactspray...), i have RX and TX, but with two issues:
I dont have VFO (no, its not locked), when i spin the knob the freq is not changing, but it does when using the up / down switches on the mic. I am guessing the optical reader went QRT??? Any thoughts on this???
Second issue is when advancing the carier (on CW) or the mic (SSB) over half way and TX'ing (into dummy load) there is something that could be described as RF getting back into the rig... all led's start blinking on the rithm of your TX signal... i have no idee where to look to solve this one... anyone with usefull tips on these 2 issues??

TNX
73's de P43A, Jean-Pierre

10543. Re: TS-850SAT + DSP 100 Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-09 19:35:05 UTC
From: Rob
Topic: 10451 Message: 10543

Hi Dave

Turn up the "CAR" level on the DSP-100. If you switch on the DSP it cancels out the CAR setting on the rig.

Cheers

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, dave schertzer <dmschertzer@...> wrote:
>
> When I use the DSP-100Â on RX only and the TS850SAT it works GREAT !
>
> When I use the DSP-100Â (TX- In)Â andÂ the TS850SAT tuner will NOT tune???
>
> What am I doing wrong??Â Checked all conections and manual???Â Â
>
> Thanks
>
>
>
>
> ____________________________
>

10544. Re: [TS-850_450_690] Re: TS-850SAT + DSP 100 Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-10 02:55:03 UTC
From: dave schertzer
Topic: 10451 Message: 10544

Got it, Thanks Rob.......just got up and running after 8 months. I noted this in my TS-850SAT manual. Now just got to remember I did that ! Cheers

---
From: Rob <robzs5la@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, July 9, 2011 12:35:05 PM
Subject: [TS-850_450_690] Re: TS-850SAT + DSP 100 Problem

Hi Dave

Turn up the "CAR" level on the DSP-100. If you switch on the DSP it cancels out the CAR setting on the rig.

Cheers

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, dave schertzer <dmschertzer@...> wrote:
>
> When I use the DSP-100Â on RX only and the TS850SAT it works GREAT !
>
> When I use the DSP-100Â (TX- In)Â andÂ the TS850SAT tuner will NOT tune???
>
> What am I doing wrong??Â Checked all conections and manual???Â Â
>
> Thanks
>
>
>
>
> ---
>

[Non-text portions of this message have been removed]

10545. Re: [TS-850_450_690] Re: TS-850SAT + DSP 100 Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-10 15:44:54 UTC
From: dave schertzer
Topic: 10451 Message: 10545

Well Rob......looks like it's NOT working again? Hmmmmm. It seems when the TX is IN on the DSP can't autotune. I think the set-up on the dials are not correct? Still pending a solution. dave

---

From: dave schertzer <dmschertzer@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, July 9, 2011 7:55:03 PM
Subject: Re: [TS-850_450_690] Re: TS-850SAT + DSP 100 Problem

Got it, Thanks Rob.......just got up and running after 8 months. I noted this in my TS-850SAT manual. Now just got to remember I did that ! Cheers

---

From: Rob <robzs5la@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, July 9, 2011 12:35:05 PM
Subject: [TS-850_450_690] Re: TS-850SAT + DSP 100 Problem

Hi Dave

Turn up the "CAR" level on the DSP-100. If you switch on the DSP it cancels out the CAR setting on the rig.

Cheers

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, dave schertzer <dmschertzer@...> wrote:
>
> When I use the DSP-100Â on RX only and the TS850SAT it works GREAT !
>
> When I use the DSP-100Â (TX- In)Â andÂ the TS850SAT tuner will NOT tune???
>
> What am I doing wrong??Â Checked all conections and manual???Â Â
>
> Thanks
>
>
>
>
> ---
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10546. TS450s modifications

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-10 18:25:53 UTC
From: corbysteel
Topic: 10546 Message: 10546

Could somebody possibly tell me if I can do anything to stop the muting of my TS450s in between changing through memory channels when using the M.CH/VFO CH knob, I have 80 CB radio channels in the memory but it's quite annoying that it mutes for a second when I change between each channel. Any fixes or mods to allow the sound to stay "open" while selecting would be appreciated or indeed if this is even possible. Thanks.

10547. RE: [TS-850_450_690] TS450s modifications

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-10 19:09:14 UTC
From: Dave Gmail
Topic: 10546 Message: 10547

Is the squelch open????

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of corbysteel
Sent: July-10-11 2:26 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450s modifications

Could somebody possibly tell me if I can do anything to stop the muting of
my TS450s in between changing through memory channels when using the
M.CH/VFO CH knob, I have 80 CB radio channels in the memory but it's quite
annoying that it mutes for a second when I change between each channel. Any
fixes or mods to allow the sound to stay "open" while selecting would be
appreciated or indeed if this is even possible. Thanks.

THANKS FOR USING TS-850_450_690@...! Groups Links

10548. Re: ZLP DigiMaster Pro+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-10 22:27:36 UTC
From: VA3UE
Topic: 10529 Message: 10548

Problem solved! All it was was the connection on the back of the interface at the 3.5mm stereo plug had the tip and ring reversed. Thank you to Neil at ZLP electronics for helping me troubleshoot it.

Once I had the wires corrected I was able to communicate with the radio and send "AF0;" (Auto Information off) and the data streaming stopped. HRD connected up fine and turned it back on! HAHA

Thanks to everybody who responded here and privately.

HRD is working! \o/

--- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@...> wrote:
>
> Bought ne of these and it arrived yesterday.
> Digital Master 780 is ok.
> Got CW working by setting DTR and RTS on COM6.
> Got PTT working for AFSK with RTS on COM6.
>
> Trying to get the CAT interface running (COM7) in Ham Radio Deluxe. The CAT cable passes loopback test fine and it appears to be wired correctly to the ACC1 socket.
>
> Is there a menu option in the TS-450S I'm missing that turns this feature on? Otherwise I'm looking at a problem inside the rig. Perhaps a bad IC12 (SN74AS04NS)?
>
> Has anybody had this kind of difficulty like this?
>
> Thanks in advance.
>
> Daniel
> VA3UE
>

10549. TS-850SAT For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-12 22:44:01 UTC
From: w7smj
Topic: 10549 Message: 10549

Hi Group,

I have decided to sell the TS-850SAT I aquired last year, S/N 70300158, which was manufactured in 1995 and has the "newer" DDS chips.

The rig was serviced and aligned by AVVid in early Jan 2011.

Asking $750.00 + Shipping. Please contact me for more info, pics, etc. if interested.

73,
Scott

10550. 690 questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-14 02:27:45 UTC
From: bradleypjthomas@sbcglobal.net
Topic: 10550 Message: 10550

Hello Group de Kb9kyu, My father (which I've invited
and will show him how to join this group) ab9wg
owns the 690-s. We are interested in learning how
to set it up for computer control. We are also looking to
use it on digital modes as well and are looking
for help on the best way to do this!
FYI, it did not come with add on adapter that
went from the rig to the pc. I hear this adapter is
no longer offered. We see that the dsp100 is scarce and expensive if found. What are some
good dsp units that owners could recommend?

Kb9kyu

10551. Re: [TS-850_450_690] 690 questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-14 04:06:39 UTC
From: Tom Osborne
Topic: 10550 Message: 10551

Hi
I have a TS-450SAT (which works the same as the '690) here and I use the CAT controller that I purchased on eBay from G4ZLP. You can also do a Google search for ZLP Electronics. You can go to eBay and Google his call and find his products. All you need is one of his cables.

I have purchased 3 of his CAT interfaces and they work very well and are reasonably priced. I bought one and it arrived in Oregon in 6 days from the U.K. Neal really stands behind his stuff, too.

He makes the CAT cable for either serial or USB ports on the computer.
Not affiliated with his company, but a satisfied customer. 73
Tom W7WHY

Hello Group de Kb9kyu, My father (which I've invited
and will show him how to join this group) ab9wg
owns the 690-s. We are interested in learning how
to set it up for computer control. We are also looking to
use it on digital modes as well and are looking
for help on the best way to do this!
FYI, it did not come with add on adapter that
went from the rig to the pc. I hear this adapter is
no longer offered. We see that the dsp100 is scarce and expensive if found.
What are some good dsp units that owners could recommend?

Kb9kyu

10552. Re: 690 questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-14 02:56:25 UTC
From: VA3UE
Topic: 10550 Message: 10552

Yes, I saw a DSP100 recently on sale for $750. Why would anybody buy one at that price when you could put that money toward a more modern rig with DSPs built in. Makes no sense to me. Anyway the DSP100 isn't needed for digital modes.

There are many options for rig interfaces. Some do just digital encode/decode and sone do CAT control as well.

I have a TS-450S and just hooked up a ZLP DigiMaster Pro+, lots of Signalink USB and Rigblaster users around. You might also want to join the Ham
Radio Deluxe yahoo group too.

Daniel
VA3UE

--- In TS-850_450_690@yahoogroups.com, "bradleypjthomas@..." <bradleypjthomas@...> wrote:
>
> Hello Group de Kb9kyu, My father (which I've invited
> and will show him how to join this group) ab9wg
> owns the 690-s. We are interested in learning how
> to set it up for computer control. We are also looking to
> use it on digital modes as well and are looking
> for help on the best way to do this!
> FYI, it did not come with add on adapter that
> went from the rig to the pc. I hear this adapter is
> no longer offered. We see that the dsp100 is scarce and expensive if found. What are some good dsp units that owners could recommend?
>
> Kb9kyu
>

10553. Re: 690 questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-14 17:30:13 UTC
From: w4jz
Topic: 10550 Message: 10553

I use this interface for digital modes. Works great & is small. You will need the TS-690 cable, but some rigs like the IC-746PRO & FT-817 do not need the extra cable.

http://www.westmountainradio.com/product_info.php?products_id=pnp

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "bradleypjthomas@..." <bradleypjthomas@...> wrote:
>
> Hello Group de Kb9kyu, My father (which I've invited
> and will show him how to join this group) ab9wg
> owns the 690-s. We are interested in learning how
> to set it up for computer control. We are also looking to
> use it on digital modes as well and are looking
> for help on the best way to do this!
> FYI, it did not come with add on adapter that
> went from the rig to the pc. I hear this adapter is
> no longer offered. We see that the dsp100 is scarce and expensive if found. What are some good dsp units that owners could recommend?
>
> Kb9kyu
>

10554. TS-850 Filters and Filter Switch Settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-14 23:03:28 UTC
From: k4zot
Topic: 10554 Message: 10554

I own a TS-850 and have just installed a YG-455C-1 filter in position 4 (far right hand side looking with the set upside down)and with YK-88SN-1 in position 1. Position 2 is empty. I get all the lights under the
Filters settings to come on: 6K, 2.7K, 500 and 270 with both the 8.83 and 455 buttons. The filter switch inside the top cover is set to position #1, 3, and 4 ON and #2 OFF. Is this switch setting correct? All the filter lights come on in both USB and CW modes. Is this correct?

Thanks,

Glenn - K4ZOT

10555. TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-15 10:51:09 UTC
From: bcc39b
Topic: 10555 Message: 10555

Hi All, I have a friends TS-690 on loan at the moment.
Has a very strange problem.
The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
Have checked the filter board relays and they seem ok, have tested most for correct operation.

Have searched high and low and can't find mention of this same problem.
Hope someone can shed light on this.
Cheers
Theo

10556. Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-15 19:10:08 UTC
From: avvidclif
Topic: 10555 Message: 10556

What is the current draw?

Clif

--- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@...> wrote:
>
> Hi All, I have a friends TS-690 on loan at the moment.
> Has a very strange problem.
> The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> Have checked the filter board relays and they seem ok, have tested most for correct operation.
>
> Have searched high and low and can't find mention of this same problem.
> Hope someone can shed light on this.
> Cheers
> Theo
>

10557. Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-16 12:45:08 UTC
From: Ron Wright, N9EE
Topic: 10555 Message: 10557

bcc39b,

As Cliff is asking if the rig is drawing normal current for 100W with only 20W out then the rig is trying to put out the normal power, but something in the rig is preventing the output getting to the ant connector.

If drawing low current then the rig is shutting down or reducing the power or does not have enough drive for the PA.

I would ask what is the SWR on the bad output freqs??? I'm sure you checked this, but just to make sure the rig is not shutting down due to bad SWR for which the rig will roll back power to protect itself. I'm sure you checked this, but had to ask, hi.

73, ron, n9ee/r

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the current draw?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> >
> > Hi All, I have a friends TS-690 on loan at the moment.
> > Has a very strange problem.
> > The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> > Have checked the filter board relays and they seem ok, have tested most for correct operation.
> >
> > Have searched high and low and can't find mention of this same problem.
> > Hope someone can shed light on this.
> > Cheers
> > Theo
> >
>

10558. Re: [TS-850_450_690] TS-850 Filters and Filter Switch Settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-17 00:23:33 UTC
From: Bob Naylor
Topic: 10554 Message: 10558

Glenn, I have all 3 positions filled. Only the light of the filter selected comes on, not all. In other words if I choose the 500hz filter, that is the only light on. Only one light on for each IF. Since I'm at work I have no access to the manual but it makes sense to me to have only the switches that have a filter installed turned on. I do remember that the switches must be turned on when the radio power is off. It sounds to me like you have them correct. Maybe a reset is in order?????????
I won't have access to e-mail for several days but I'm anxious to hear what you find out.
Bob WE6C

--- On Thu, 7/14/11, k4zot <packardg@...> wrote:

From: k4zot <packardg@...>
Subject: [TS-850_450_690] TS-850 Filters and Filter Switch Settings
To: TS-850_450_690@yahoogroups.com
Date: Thursday, July 14, 2011, 4:03 PM

I own a TS-850 and have just installed a YG-455C-1 filter in position 4 (far right hand side looking with the set upside down)and with YK-88SN-1 in position 1. Position 2 is empty. I get all the lights under the

Filters settings to come on: 6K, 2.7K, 500 and 270 with both the 8.83 and 455 buttons. The filter switch inside the top cover is set to position #1, 3, and 4 ON and #2 OFF. Is this switch setting correct? All the filter lights come on in both USB and CW modes. Is this correct?

Thanks,

Glenn - K4ZOT

[Non-text portions of this message have been removed]

10560. ts850 display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-17 18:38:13 UTC
From: Ron Wright, N9EE
Topic: 10560 Message: 10560

hi all,

I have a TS850 with a display problem.

On power up all the characters/symbols come on the display. Like when you first start your car all the idiot lights come on to allow one to check if all the bulbs are good.

Then the display remains in this all displayed state and does not follow the radio's operation. One can tune the radio and move around on the bands hearing various signals, but the display does not change from the power on state.

Any ideas as to where to look or has this problem been seen before???

73, ron, n9ee/r

10561. Re: ts850 display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 07:43:39 UTC
From: EB5AGV
Topic: 10560 Message: 10561

Hello Ron,

> I have a TS850 with a display problem.
>
> On power up all the characters/symbols come on the display. Like when you first start your car all the idiot lights come on to allow one to check if all the bulbs are good.
>
> Then the display remains in this all displayed state and does not follow the radio's operation. One can tune the radio and move around on the bands hearing various signals, but the display does not change from the power on state.
>
> Any ideas as to where to look or has this problem been seen before???
>
> 73, ron, n9ee/r

Yes :-)!

Check my article here: http://jvgavila.com/wb7.htm

As you can see, there is a capacitor in the display circuit which causes havoc on several traces under it. You need to remove it, clean residue with alcohol and fix all damaged traces in the area. It is not hard to do but takes its time.

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

10562. Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 02:05:16 UTC
From: bcc39b
Topic: 10555 Message: 10562

Thanks for that,,,the SWR is perfect. Matched in the dummy load or various dipoles. I always work into a dummy load for a perfect match.
My TS440 works quite ok as well.

The 690 draws an excessive amount of current in the affected bands. over 20A and I've even seen it close to 30A at one stage. Once you're up to 24-30MHz it's perfect, draws up to 20A at 110w output PEP.

--- In TS-850_450_690@yahoogroups.com, "Ron Wright, N9EE" <lt_wright_flg@...> wrote:
>
> bcc39b,
>
> As Cliff is asking if the rig is drawing normal current for 100W with only 20W out then the rig is trying to put out the normal power, but something in the rig is preventing the output getting to the ant connector.
>
> If drawing low current then the rig is shutting down or reducing the power or does not have enough drive for the PA.
>
> I would ask what is the SWR on the bad output freqs??? I'm sure you checked this, but just to make sure the rig is not shutting down due to bad SWR for which the rig will roll back power to protect itself. I'm sure you checked this, but had to ask, hi.
>
> 73, ron, n9ee/r
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What is the current draw?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> > >
> > > Hi All, I have a friends TS-690 on loan at the moment.
> > > Has a very strange problem.
> > > The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> > > Have checked the filter board relays and they seem ok, have tested most for correct operation.
> > >
> > > Have searched high and low and can't find mention of this same problem.
> > > Hope someone can shed light on this.
> > > Cheers
> > > Theo

> > >
> >
>

10563. Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 11:31:56 UTC
From: bcc39b
Topic: 10555 Message: 10563

HI there Cliff,
I did respond earlier but my messages arn't appearing so I'll try to answer again.
Apologies for that.

Yes definately lots of current draw. Even at 25-35w on the lower bands the radio is drawing well over 20A, I even saw around 25 and above...which is way to high for this pa. Up over the problem area, 24-29MHz the current draw is normal at around 20A with 110w pep.
It seems the PA is working well but could be something in the filter board??
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the current draw?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> >
> > Hi All, I have a friends TS-690 on loan at the moment.
> > Has a very strange problem.
> > The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> > Have checked the filter board relays and they seem ok, have tested most for correct operation.
> >
> > Have searched high and low and can't find mention of this same problem.
> > Hope someone can shed light on this.
> > Cheers
> > Theo
> >
>

10564. RE: [TS-850_450_690] Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 13:28:34 UTC
From: Jose V. Gavila
Topic: 10555 Message: 10564

Hello!

I would say you have a problem in the diodes of the bandpass filter circuits. A damaged one could cause RF feedback and self-oscillations on final amp.

But Clif is the expert on this :-)!

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment..... http://jvgavila.com
RadioRepair BLOG..... http://radiorepair.blogspot.com

-----Mensaje original-----
De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] En nombre de bcc39b
Enviado el: lunes, 18 de julio de 2011 13:32
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Re: TS-690 Low output below 21MHz

HI there Cliff,
I did respond earlier but my messages arn't appearing so I'll try to answer again. Apologies for that.

Yes definately lots of current draw. Even at 25-35w on the lower bands the radio is drawing well over 20A, I even saw around 25 and above...which is way to high for this pa. Up over the problem area, 24-29MHz the current draw is normal at around 20A with 110w pep.
It seems the PA is working well but could be something in the filter board??
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the current draw?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> >
> > Hi All, I have a friends TS-690 on loan at the moment.
> > Has a very strange problem.
> > The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> > Have checked the filter board relays and they seem ok, have tested most for correct operation.
> >

> > Have searched high and low and can't find mention of this same problem.
> > Hope someone can shed light on this.
> > Cheers
> > Theo

10565. Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 15:07:36 UTC
From: avvidclif
Topic: 10555 Message: 10565

Stuck relay, probably K1 or K8. First check on the tuner plug and make sure only one relay is turned on at once. On 80m none of the lines should be high. If so remove K8 and K1 and try it.If OK on lower bands replace them.

Clif

--- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@...> wrote:
>
>
> HI there Cliff,
> I did respond earlier but my messages arn't appearing so I'll try to answer again. Apologies for that.
>
> Yes definately lots of current draw. Even at 25-35w on the lower bands the radio is drawing well over 20A, I even saw around 25 and above...which is way to high for this pa. Up over the problem area, 24-29MHz the current draw is normal at around 20A with 110w pep.
> It seems the PA is working well but could be something in the filter board??
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What is the current draw?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> > >
> > > Hi All, I have a friends TS-690 on loan at the moment.
> > > Has a very strange problem.
> > > The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> > > Have checked the filter board relays and they seem ok, have tested most for correct operation.
> > >
> > > Have searched high and low and can't find mention of this same problem.
> > > Hope someone can shed light on this.
> > > Cheers
> > > Theo
> > >
> >
>

10566. 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 17:50:10 UTC
From: Brad
Topic: 10566 Message: 10566

My father(ab9wg) has a laptop but of
Course it only has mic in and headphone out.. Any recommendation for a lowcost USB soundcard that's proven to work well for ham radio digital use? (for 690s) we are also looking for a nice rig-soundcard adapter for trying some digital modes..

10567. Re: 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 19:16:12 UTC
From: VA3UE
Topic: 10566 Message: 10567

My laptop has a built in mic and headphone out and I find the mic in a little too sensitive. I've tried an external USB soundcard on the line input jack and it seems about the same. As a result the receive audio control on my ZLP Digimaster Pro+ is at the bottom of the range and it doesn't give me much room to adjust.

I haven't found a USB soundcard or adapter with a true "line-in" input yet so in the meantime I'll be padding the audio either inside the interface or in-line between the interface and my laptop. If you find a suitable one in your travels please let me know, I'm also interested.

Thanks
Daniel
VA3UE

--- In TS-850_450_690@yahoogroups.com, Brad <bradleypjthomas@...> wrote:
>
> My father(ab9wg) has a laptop but of
> Course it only has mic in and headphone out.. Any recommendation for a lowcost USB soundcard that's proven to work well for ham radio digital use? (for 690s) we are also looking for a nice rig-soundcard adapter for trying some digital modes..
>

10568. Re: 690 questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-14 03:41:20 UTC
From: w4jz
Topic: 10550 Message: 10568

For digital control I use this interface.

http://www.westmountainradio.com/product_info.php?products_id=pnp

It is small & has a number of different cables for different rigs. Some rigs you don't need an additional cable like the FT-817 or IC-746PRO.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "bradleypjthomas@..." <bradleypjthomas@...> wrote:
>
> Hello Group de Kb9kyu, My father (which I've invited
> and will show him how to join this group) ab9wg
> owns the 690-s. We are interested in learning how
> to set it up for computer control. We are also looking to
> use it on digital modes as well and are looking
> for help on the best way to do this!
> FYI, it did not come with add on adapter that
> went from the rig to the pc. I hear this adapter is
> no longer offered. We see that the dsp100 is scarce and expensive if found. What are some good dsp units that owners could recommend?
>
> Kb9kyu
>

10569. Re: [TS-850_450_690] Re: 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 23:19:14 UTC
From: Mel Cruts
Topic: 10566 Message: 10569

Hi,
Radio Shack sells a audio cable 30 db in-line pad that you can send
audio through and input to either sound card or laptop microphone
connector. That method has worked well for
me in the past with an old Kenwood TS520SE. This should give you some
range of adjustment so you don't feel like it's all or nothing
(digital :-)) adjustment.
73,
Mel - KF6OZ

On Mon, 2011-07-18 at 19:16 +0000, VA3UE wrote:

>
>
> My laptop has a built in mic and headphone out and I find the mic in a
> little too sensitive. I've tried an external USB soundcard on the line
> input jack and it seems about the same. As a result the receive audio
> control on my ZLP Digimaster Pro+ is at the bottom of the range and it
> doesn't give me much room to adjust.
>
> I haven't found a USB soundcard or adapter with a true "line-in" input
> yet so in the meantime I'll be padding the audio either inside the
> interface or in-line between the interface and my laptop. If you find
> a suitable one in your travels please let me know, I'm also
> interested.
>
> Thanks
> Daniel
> VA3UE
>
> --- In TS-850_450_690@yahoogroups.com, Brad <bradleypjthomas@...>
> wrote:
> >
> > My father(ab9wg) has a laptop but of
> > Course it only has mic in and headphone out.. Any recommendation for
> a lowcost USB soundcard that's proven to work well for ham radio
> digital use? (for 690s) we are also looking for a nice rig-soundcard
> adapter for trying some digital modes..
> >
>
>
>
>
>

[Non-text portions of this message have been removed]

10570. Re: 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-18 19:34:37 UTC
From: kc2mbv
Topic: 10566 Message: 10570

My laptop has only a mic and speaker jack and it works fine for me using HRD into an interface made by Donner, N8ST.

Through the volume control, be sure to turn off "mic Boost" in the advanced properties.

I don't know if it makes a difference but I'm using the 450, not the 690.

Frank

10571. Re: 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-19 01:51:30 UTC
From: avvidclif
Topic: 10566 Message: 10571

For a plug n pray solution I think the Signalink USB is about as easy as they come. Buy the Kenwood cable and you are ready to go. Plugs into a USB port and has a built-in sound card. Interfaces very well with the HRD software, the writer of which lurks around here...

A little over $100.

Clif

--- In TS-850_450_690@yahoogroups.com, Brad <bradleypjthomas@...> wrote:
>
> My father(ab9wg) has a laptop but of
> Course it only has mic in and headphone out.. Any recommendation for a lowcost USB soundcard that's proven to work well for ham radio digital use? (for 690s) we are also looking for a nice rig-soundcard adapter for trying some digital modes..
>

10572. Re: TS-690 Low output below 21MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-19 11:16:17 UTC
From: bcc39b
Topic: 10555 Message: 10572

Fantastic thanks Clif, I'll get onto those. I did feel them with my finger last week switching ok but not at the same time. I'll go over them asap. Thanks for the advice.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Stuck relay, probably K1 or K8. First check on the tuner plug and make sure only one relay is turned on at once. On 80m none of the lines should be high. If so remove K8 and K1 and try it.If OK on lower bands replace them.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> >
> >
> > HI there Cliff,
> > I did respond earlier but my messages arn't appearing so I'll try to answer again. Apologies for that.
> >
> > Yes definately lots of current draw. Even at 25-35w on the lower bands the radio is drawing well over 20A, I even saw around 25 and above...which is way to high for this pa. Up over the problem area, 24-29MHz the current draw is normal at around 20A with 110w pep.
> > It seems the PA is working well but could be something in the filter board??
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What is the current draw?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "bcc39b" <bcc39b@> wrote:
> > > >
> > > > Hi All, I have a friends TS-690 on loan at the moment.
> > > > Has a very strange problem.
> > > > The RF output is only around 20 watts or so till it gets above 21 Mhz. Above that 24.9, 28 etc it's all fine.
> > > > Have checked the filter board relays and they seem ok, have tested most for correct operation.
> > > >
> > > > Have searched high and low and can't find mention of this same problem.
> > > > Hope someone can shed light on this.
> > > > Cheers
> > > > Theo
> > > >
> > >
> > >
>

10573. Re: 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-19 20:57:28 UTC
From: barberd34
Topic: 10566 Message: 10573

I have a TS-450S that didn't cost too much at all to get going with digital modes. The 690 should be similar.

I soldered together a cable with resister step-down just like this schematic:
http://www.qsl.net/wm2u/images/interface_simple.gif
I used the ACC connection so the hardest part was soldering the 13 pin DIN plug. Haven't found any issues with ground loops or anything.
(probably $5 in parts)

Used with this USB sound card:
http://www.meritline.com/usb-2-0-to-audio-adapter-w-mic-jack---p-27760.aspx
Works great. Just make sure to set the sound out volume low enough to prevent splatter; check your ALC while transmitting to make sure its not flat topping. I find about 75% on the sound out volume is good.
(normally $3, had a coupon at the time from bensbargains.net to make it $1.09, free shipping)

For rig control (and PTT) I use this serial cable:
http://www.hosenose.com/detail.asp?product_id=LCU-3K
($45+$5 shipping)
The only minor issue I have with this cable is I need to set an option of Serial_handshake=none when using hamlib based software. Not a big deal.

Hope this helps,

Don
N3LP

--- In TS-850_450_690@yahoogroups.com, Brad <bradleypjthomas@...> wrote:
>
> My father(ab9wg) has a laptop but of
> Course it only has mic in and headphone out.. Any recommendation for a lowcost USB soundcard that's proven to work well for ham radio digital use? (for 690s) we are also looking for a nice rig-soundcard adapter for trying some digital modes..
>

10574. TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-23 21:54:56 UTC
From: johnnygm7lsi@aol.com
Topic: 10574 Message: 10574

Hi all,
I wonder if anyone can throw some light on a noise level
problem I have on my TS-850S AT. I have a continuous noise level of 8/9, I used
to blame it on local QRM, but I have now moved QTH and it has followed me.
Antenna just now is a 80MTR dipole, but as I move up the bands the QRM gets
lower, I have changed coax and baluns to try and cure it but it still
plagues me. A friend of mine has brought round his HF rig and there is no qrm
on his radio in my shack, I have also tried a change of PSU. With the AIP on
, IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
can read ok but anything below that sig I can still hear but with
difficulty. Hope I`ve covered everything.

Many thanks,
Johnny, GM7LSI. Scotland.

[Non-text portions of this message have been removed]

10575. Re: [TS-850_450_690] TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-23 22:08:02 UTC
From: Jose V. Gavila
Topic: 10574 Message: 10575

Hi Johny,

This sounds to me like a problem I have had with several TS-850s with
a damaged Q49 transistor on the RF UNIT. It is a transistor which
adds some attenuation on transmission so the receiver is not
overloaded. But if it fails and gets intermittent, it causes all kind
of static-like noises. It is just a 'digital' transistor (with
internal biasing resistors) and very cheap.

I have some pictures of the exact location if you need them.

Regards,

JOSE

At 23:54 23/07/2011, you wrote:
>Hi all,
> I wonder if anyone can throw some light on a noise level
>problem I have on my TS-850S AT. I have a continuous noise level of
>8/9, I used
>to blame it on local QRM, but I have now moved QTH and it has followed me.
>Antenna just now is a 80MTR dipole, but as I move up the bands the QRM gets
>lower, I have changed coax and baluns to try and cure it but it still
>plagues me. A friend of mine has brought round his HF rig and there
>is no qrm
>on his radio in my shack, I have also tried a change of PSU. With the AIP on
>, IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
>can read ok but anything below that sig I can still hear but with
>difficulty. Hope I`ve covered everything.
>
>
> Many thanks,
>Johnny, GM7LSI. Scotland.

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

10576. Re: [TS-850_450_690] TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-23 22:23:43 UTC
From: johnnygm7lsi@aol.com
Topic: 10574 Message: 10576

Hi Jose,
Thanks for the quick reply. Some pictures to locate the
transistor would be great as I`m not very technically minded, also how to
test it and any values, or maybe I should just change it and see if there`s
any improvement.

73`s, Johnny.

Hi Johny,

This sounds to me like a problem I have had with several TS-850s with
a damaged Q49 transistor on the RF UNIT. It is a transistor which
adds some attenuation on transmission so the receiver is not
overloaded. But if it fails and gets intermittent, it causes all kind
of static-like noises. It is just a 'digital' transistor (with
internal biasing resistors) and very cheap.

I have some pictures of the exact location if you need them.

Regards,

JOSE

[Non-text portions of this message have been removed]

10577. Re: [TS-850_450_690] TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-23 22:50:45 UTC
From: Crownhaven
Topic: 10574 Message: 10577

Did you put your radio on a battery and turn off your mains?????? Since
it followed you, it sounds like one of your appliances.

Steve, N4JQQ

johnnygm7lsi@... wrote:
>
> Hi all,
> I wonder if anyone can throw some light on a noise level
> problem I have on my TS-850S AT. I have a continuous noise level of
> 8/9, I used
> to blame it on local QRM, but I have now moved QTH and it has followed
> me.
> Antenna just now is a 80MTR dipole, but as I move up the bands the QRM
> gets
> lower, I have changed coax and baluns to try and cure it but it still
> plagues me. A friend of mine has brought round his HF rig and there is
> no qrm
> on his radio in my shack, I have also tried a change of PSU. With the
> AIP on
> , IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
> can read ok but anything below that sig I can still hear but with
> difficulty. Hope I`ve covered everything.
>
>
> Many thanks,
> Johnny, GM7LSI. Scotland.
>
> [Non-text portions of this message have been removed]
>
>

10578. Re: [TS-850_450_690] TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-23 22:56:03 UTC
From: Jose V. Gavila
Topic: 10574 Message: 10578

Hi Johnny,

> Thanks for the quick reply. Some pictures to locate the
>transistor would be great as I`m not very technically minded, also how to
>test it and any values, or maybe I should just change it and see if there`s
>any improvement.
>
> 73`s, Johnny.

I have just added that information to one of my WEB pages depicting
some usual TS-850S problems. You can find it here (scroll to the end):

http://jvgavila.com/wb7.htm

Hope this helps!

Regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Vintage Radio and Test Equipment.......... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

10579. Re: [TS-850_450_690] TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-23 23:15:32 UTC
From: johnnygm7lsi@aol.com
Topic: 10574 Message: 10579

Hi Steve,
Thanks for the reply, and the interest, yes I tried that
too, at the last QTH and at the present one.

73`s,

In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
crownhaven@... writes:

Did you put your radio on a battery and turn off your mains?????? Since
it followed you, it sounds like one of your appliances.

Steve, N4JQQ

johnnygm7lsi@... wrote:
>
> Hi all,
> I wonder if anyone can throw some light on a noise level
> problem I have on my TS-850S AT. I have a continuous noise level of
> 8/9, I used
> to blame it on local QRM, but I have now moved QTH and it has followed
> me.
> Antenna just now is a 80MTR dipole, but as I move up the bands the QRM
> gets
> lower, I have changed coax and baluns to try and cure it but it still
> plagues me. A friend of mine has brought round his HF rig and there is
> no qrm
> on his radio in my shack, I have also tried a change of PSU. With the
> AIP on
> , IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
> can read ok but anything below that sig I can still hear but with
> difficulty. Hope I`ve covered everything.
>
>
> Many thanks,
> Johnny, GM7LSI. Scotland.
>
> [Non-text portions of this message have been removed]
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10580. Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-24 23:39:44 UTC
From: avvidclif
Topic: 10574 Message: 10580

Curiosity got to me, What is the noise level with a dummy load hooked up?

Clif

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@... wrote:
>
> Hi Steve,
> Thanks for the reply, and the interest, yes I tried that
> too, at the last QTH and at the present one.
>
> 73`s,
>
>
> In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> crownhaven@... writes:
>
> Did you put your radio on a battery and turn off your mains?????? Since
> it followed you, it sounds like one of your appliances.
>
> Steve, N4JQQ
>
> johnnygm7lsi@... wrote:
> >
> > Hi all,
> > I wonder if anyone can throw some light on a noise level
> > problem I have on my TS-850S AT. I have a continuous noise level of
> > 8/9, I used
> > to blame it on local QRM, but I have now moved QTH and it has followed
> > me.
> > Antenna just now is a 80MTR dipole, but as I move up the bands the QRM
> > gets
> > lower, I have changed coax and baluns to try and cure it but it still
> > plagues me. A friend of mine has brought round his HF rig and there is
> > no qrm
> > on his radio in my shack, I have also tried a change of PSU. With the
> > AIP on
> > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
> > can read ok but anything below that sig I can still hear but with
> > difficulty. Hope I`ve covered everything.
> >
> >
> > Many thanks,
> > Johnny, GM7LSI. Scotland.
> >
> > [Non-text portions of this message have been removed]

> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10581. Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-25 07:48:27 UTC
From: ah6rr1
Topic: 10574 Message: 10581

Me too!!! since 80 and 40 have been very noisy here lately.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Curiosity got to me, What is the noise level with a dummy load hooked up?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@ wrote:
> >
> > Hi Steve,
> > Thanks for the reply, and the interest, yes I tried that
> > too, at the last QTH and at the present one.
> >
> > 73`s,
> >
> >
> > In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> > crownhaven@ writes:
> >
> > Did you put your radio on a battery and turn off your mains?????? Since
> > it followed you, it sounds like one of your appliances.
> >
> > Steve, N4JQQ
> >
> > johnnygm7lsi@ wrote:
> > >
> > > Hi all,
> > > I wonder if anyone can throw some light on a noise level
> > > problem I have on my TS-850S AT. I have a continuous noise level of
> > > 8/9, I used
> > > to blame it on local QRM, but I have now moved QTH and it has followed
> > > me.
> > > Antenna just now is a 80MTR dipole, but as I move up the bands the QRM
> > > gets
> > > lower, I have changed coax and baluns to try and cure it but it still
> > > plagues me. A friend of mine has brought round his HF rig and there is
> > > no qrm
> > > on his radio in my shack, I have also tried a change of PSU. With the
> > > AIP on
> > > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
> > > can read ok but anything below that sig I can still hear but with
> > > difficulty. Hope I`ve covered everything.
> > >

> > >
> > > Many thanks,
> > > Johnny, GM7LSI. Scotland.
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

10582. Re: [TS-850_450_690] Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-25 17:01:44 UTC
From: johnnygm7lsi@aol.com
Topic: 10574 Message: 10582

Zero on the meter, thanks for the interest

In a message dated 25/07/2011 00:39:56 GMT Daylight Time, clif@...
writes:

Curiosity got to me, What is the noise level with a dummy load hooked up?

Clif

--- In _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com) , johnnygm7lsi@... wrote:
>
> Hi Steve,
> Thanks for the reply, and the interest, yes I tried that
> too, at the last QTH and at the present one.
>
> 73`s,
>
>
> In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> crownhaven@... writes:
>
> Did you put your radio on a battery and turn off your mains?????? Since
> it followed you, it sounds like one of your appliances.
>
> Steve, N4JQQ
>
> johnnygm7lsi@... wrote:
> >
> > Hi all,
> > I wonder if anyone can throw some light on a noise level
> > problem I have on my TS-850S AT. I have a continuous noise level of
> > 8/9, I used
> > to blame it on local QRM, but I have now moved QTH and it has followed

> > me.
> > Antenna just now is a 80MTR dipole, but as I move up the bands the QRM
> > gets
> > lower, I have changed coax and baluns to try and cure it but it still
> > plagues me. A friend of mine has brought round his HF rig and there is
> > no qrm
> > on his radio in my shack, I have also tried a change of PSU. With the
> > AIP on
> > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9
I
> > can read ok but anything below that sig I can still hear but with

> > difficulty. Hope I`ve covered everything.
> >
> >
> > Many thanks,
> > Johnny, GM7LSI. Scotland.
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10583. Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-25 21:32:12 UTC
From: avvidclif
Topic: 10574 Message: 10583

Does that tell you anything?

Clif

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@... wrote:
>
> Zero on the meter, thanks for the interest
>
>
> In a message dated 25/07/2011 00:39:56 GMT Daylight Time, clif@...
> writes:
>
>
>
>
> Curiosity got to me, What is the noise level with a dummy load hooked up?
>
> Clif
>
> --- In _TS-850_450_690@yahoogroups.com_
> (mailto:TS-850_450_690@yahoogroups.com) , johnnygm7lsi@ wrote:
> >
> > Hi Steve,
> > Thanks for the reply, and the interest, yes I tried that
> > too, at the last QTH and at the present one.
> >
> > 73`s,
> >
> >
> > In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> > crownhaven@ writes:
> >
> > Did you put your radio on a battery and turn off your mains?????? Since
> > it followed you, it sounds like one of your appliances.
> >
> > Steve, N4JQQ
> >
> > johnnygm7lsi@ wrote:
> > >
> > > Hi all,
> > > I wonder if anyone can throw some light on a noise level
> > > problem I have on my TS-850S AT. I have a continuous noise level of
> > > 8/9, I used
> > > to blame it on local QRM, but I have now moved QTH and it has followed
>

> > > me.
> > > Antenna just now is a 80MTR dipole, but as I move up the bands the QRM
> > > gets
> > > lower, I have changed coax and baluns to try and cure it but it still
> > > plagues me. A friend of mine has brought round his HF rig and there is
> > > no qrm
> > > on his radio in my shack, I have also tried a change of PSU. With the
> > > AIP on
> > > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9
> I
> > > can read ok but anything below that sig I can still hear but with
> > > difficulty. Hope I`ve covered everything.
> > >
> > >
> > > Many thanks,
> > > Johnny, GM7LSI. Scotland.
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10584. Re: [TS-850_450_690] Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-25 21:35:04 UTC
From: johnnygm7lsi@aol.com
Topic: 10574 Message: 10584

It`s not generated from inside the 850??????

In a message dated 25/07/2011 22:32:26 GMT Daylight Time, clif@...
writes:

Does that tell you anything?

Clif

--- In _TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com) , johnnygm7lsi@... wrote:
>
> Zero on the meter, thanks for the interest
>
>
> In a message dated 25/07/2011 00:39:56 GMT Daylight Time, clif@...
> writes:
>
>
>
>
> Curiosity got to me, What is the noise level with a dummy load hooked up?
>
> Clif
>
> --- In __TS-850_450_690@yahoogroups.com_
(mailto:_TS-850_450_690@yahoogroups.com) _
> (mailto:_TS-850_450_690@yahoogroups.com_
(mailto:TS-850_450_690@yahoogroups.com)) , johnnygm7lsi@ wrote:
> >
> > Hi Steve,
> > Thanks for the reply, and the interest, yes I tried that
> > too, at the last QTH and at the present one.
> >
> > 73`s,
> >
> >
> > In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> > crownhaven@ writes:
> >
> > Did you put your radio on a battery and turn off your mains??????
Since
> > it followed you, it sounds like one of your appliances.
> >
> > Steve, N4JQQ
> >

> > johnnygm7lsi@ wrote:
> > >
> > > Hi all,
> > > I wonder if anyone can throw some light on a noise level
> > > problem I have on my TS-850S AT. I have a continuous noise level of
> > > 8/9, I used
> > > to blame it on local QRM, but I have now moved QTH and it has
followed
>
> > > me.
> > > Antenna just now is a 80MTR dipole, but as I move up the bands the
QRM
> > > gets
> > > lower, I have changed coax and baluns to try and cure it but it still
> > > plagues me. A friend of mine has brought round his HF rig and there
is
> > > no qrm
> > > on his radio in my shack, I have also tried a change of PSU. With
the
> > > AIP on
> > > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of
8/9
> I
> > > can read ok but anything below that sig I can still hear but with
> > > difficulty. Hope I`ve covered everything.
> > >
> > >
> > > Many thanks,
> > > Johnny, GM7LSI. Scotland.
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10585. Re: [TS-850_450_690] Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-25 21:53:11 UTC
From: Zack Widup
Topic: 10574 Message: 10585

Right now, in the midwest USA, we're in the summer thunderstorm season. Noise levels make 160 meters virtually useless, 80 meters has S9+ noise most of the time, 40 meters has S5 to S9 noise, then on 30m and up the noise decreases. 15 meters and above have very little noise, maybe S1 at worst. Is that what you're experiencing? If so, it's typical summer QRN levels.

73, Zack W9SZ

On Mon, Jul 25, 2011 at 4:35 PM, <johnnygm7lsi@...> wrote:

> **
>
>
> It`s not generated from inside the 850??????
>
>
> In a message dated 25/07/2011 22:32:26 GMT Daylight Time, clif@...
> writes:
>
> Does that tell you anything?
>
> Clif
>
> --- In _TS-850_450_690@yahoogroups.com_
> (mailto:TS-850_450_690@yahoogroups.com) , johnnygm7lsi@... wrote:
> >
> > Zero on the meter, thanks for the interest
> >
> >
> > In a message dated 25/07/2011 00:39:56 GMT Daylight Time, clif@...
> > writes:
> >
> >
> >
> >
> >
> > Curiosity got to me, What is the noise level with a dummy load hooked up?
> >
> > Clif
> >
> > --- In __TS-850_450_690@yahoogroups.com_
> (mailto:_TS-850_450_690@yahoogroups.com) _
> > (mailto:_TS-850_450_690@yahoogroups.com_
> (mailto:TS-850_450_690@yahoogroups.com)) , johnnygm7lsi@ wrote:
> > >
> > > Hi Steve,
> > > Thanks for the reply, and the interest, yes I tried that

> > > too, at the last QTH and at the present one.
> > >
> > > 73`s,
> > >
> > >
> > > In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> > > crownhaven@ writes:
> > >
> > > Did you put your radio on a battery and turn off your mains??????
> Since
> > > it followed you, it sounds like one of your appliances.
> > >
> > > Steve, N4JQQ
> > >
> > > johnnygm7lsi@ wrote:
> > > >
> > > > Hi all,
> > > > I wonder if anyone can throw some light on a noise level
> > > > problem I have on my TS-850S AT. I have a continuous noise level of
> > > > 8/9, I used
> > > > to blame it on local QRM, but I have now moved QTH and it has
> followed
> > >
> > > > me.
> > > > Antenna just now is a 80MTR dipole, but as I move up the bands the
> QRM
> > > > gets
> > > > lower, I have changed coax and baluns to try and cure it but it still
> > > > plagues me. A friend of mine has brought round his HF rig and there
> is
> > > > no qrm
> > > > on his radio in my shack, I have also tried a change of PSU. With
> the
> > > > AIP on
> > > > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of
> 8/9
> > I
> > > > can read ok but anything below that sig I can still hear but with
> > > > difficulty. Hope I`ve covered everything.
> > > >
> > > >
> > > > Many thanks,
> > > > Johnny, GM7LSI. Scotland.
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > >
> > > ------------------------------------

> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10586. RE: [TS-850_450_690] Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-25 23:23:24 UTC
From: Ron Wright
Topic: 10574 Message: 10586

Here in Florida we get noise primarily from two sources; electrical power lines and atmosphere I think mostly from the Sun.
The power line noise seems to be mostly from the higher voltage lines. In many areas a broadcast AM radio is covered with noise when close to high voltage lines. I have been told it is due to the insulators being so dry this cause noise. We do see a temp relief when it rains.

When I lived in Ohio during the Fall and Winter months all the bands were free from most noise. During summer it was S9 to 20 over. On 75 had to use a amp running at least 500 W to make QSOs. In the winter 100W was all needed. Here in Florida we have noise all year long.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

> To: TS-850_450_690@yahoogroups.com
> From: w9sz.zack@...
> Date: Mon, 25 Jul 2011 16:53:11 -0500
> Subject: Re: [TS-850_450_690] Re: TS-850 NOISE LEVEL
>
> Right now, in the midwest USA, we're in the summer thunderstorm season.
> Noise levels make 160 meters virtually useless, 80 meters has S9+ noise most
> of the time, 40 meters has S5 to S9 noise, then on 30m and up the noise
> decreases. 15 meters and above have very little noise, maybe S1 at worst. Is
> that what you're experiencing? If so, it's typical summer QRN levels.
>
> 73, Zack W9SZ
>
>
> On Mon, Jul 25, 2011 at 4:35 PM, <johnnygm7lsi@...> wrote:
>
> > **
> > >
> > >
> > > It`s not generated from inside the 850??????
> > >
> > >
> > > In a message dated 25/07/2011 22:32:26 GMT Daylight Time, clif@...
> > > writes:
> > >
> > > Does that tell you anything?
> > >
> > > Clif
> > >
> > > --- In _TS-850_450_690@yahoogroups.com_
> > > (mailto:TS-850_450_690@yahoogroups.com) , johnnygm7lsi@... wrote:
> > > >

> > > Zero on the meter, thanks for the interest
> > >
> > >
> > > In a message dated 25/07/2011 00:39:56 GMT Daylight Time, clif@...
> > > writes:
> > >
> > >
> > >
> > >
> > > Curiosity got to me, What is the noise level with a dummy load hooked up?
> > >
> > > Clif
> > >
> > > --- In __TS-850_450_690@yahoogroups.com_
> > (mailto:_TS-850_450_690@yahoogroups.com) _
> > > (mailto:_TS-850_450_690@yahoogroups.com_
> > (mailto:TS-850_450_690@yahoogroups.com)) , johnnygm7lsi@ wrote:
> > > >
> > > > Hi Steve,
> > > > Thanks for the reply, and the interest, yes I tried that
> > > > too, at the last QTH and at the present one.
> > > >
> > > > 73`s,
> > > >
> > > >
> > > > In a message dated 23/07/2011 23:51:09 GMT Daylight Time,
> > > > crownhaven@ writes:
> > > >
> > > > Did you put your radio on a battery and turn off your mains??????
> > Since
> > > > it followed you, it sounds like one of your appliances.
> > > >
> > > > Steve, N4JQQ
> > > >
> > > > johnnygm7lsi@ wrote:
> > > > >
> > > > > Hi all,
> > > > > I wonder if anyone can throw some light on a noise level
> > > > > problem I have on my TS-850S AT. I have a continuous noise level of
> > > > > 8/9, I used
> > > > > to blame it on local QRM, but I have now moved QTH and it has
> > followed
> > > >
> > > > me.
> > > > Antenna just now is a 80MTR dipole, but as I move up the bands the
> > QRM
> > > > gets
> > > > lower, I have changed coax and baluns to try and cure it but it still
> > > > plagues me. A friend of mine has brought round his HF rig and there
> > is

> > > > > no qrm
> > > > > on his radio in my shack, I have also tried a change of PSU. With
> > the
> > > > > AIP on
> > > > > , IE. button depressed, the QRM drops to sig 4. Any strong sigs of
> > 8/9
> > > I
> > > > > can read ok but anything below that sig I can still hear but with
> > > > > difficulty. Hope I`ve covered everything.
> > > > >
> > > > >
> > > > > Many thanks,
> > > > > Johnny, GM7LSI. Scotland.
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------

>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

10587. Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-26 21:24:27 UTC
From: rick54045
Topic: 10574 Message: 10587

Another source of noise I experience is from CFL and fluorescence lamps. Also, in a previous residence, a defective circuit breaker caused noise from the internal arcing.

N7DLV

10588. Re: TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-26 21:39:35 UTC
From: VA3UE
Topic: 10574 Message: 10588

Time to get your rig on backup power and throw down the big switch?

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@...> wrote:
>
>
>
> Another source of noise I experience is from CFL and fluorescence lamps. Also, in a previous residence, a defective circuit breaker caused noise from the internal arcing.
>
> N7DLV
>

10589. TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-28 23:38:44 UTC
From: n4itm
Topic: 10589 Message: 10589

Ok so after a few days of no use I turn the rig on the other day and its got no transmit. Receive is still just as good as it was. I have no clue where to begin my investigation. Any help would be great.
Rick
N4ITM

10590. Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-29 19:41:33 UTC
From: avvidclif
Topic: 10589 Message: 10590

First reset the processor.

Does it go into tx mode just no power out? Band? Mode? On a dummyload?

Clif

--- In TS-850_450_690@yahoogroups.com, "n4itm" <n4itm@...> wrote:
>
> Ok so after a few days of no use I turn the rig on the other day and its got no transmit. Receive is still just as good as it was. I have no clue where to begin my investigation. Any help would be great.
> Rick
> N4ITM
>

10591. Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-29 22:54:23 UTC
From: n4itm
Topic: 10589 Message: 10591

Thanks for the reply Clif. I tried the reset still nothing. It does not go into transmit at all. Receive's on all modes all bands just like normal. Will not go into transmit. It does have the internal tuner I took that out of line and set it up as if it was never there still doesn't go into transmit. While in the radio I looked around to see if there were any obvious burned components. I did not see nor smell anything.
Thanks
Rick
N4ITM

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> First reset the processor.
>
> Does it go into tx mode just no power out? Band? Mode? On a dummyload?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "n4itm" <n4itm@> wrote:
> >
> > Ok so after a few days of no use I turn the rig on the other day and its got no transmit. Receive is still just as good as it was. I have no clue where to begin my investigation. Any help would be great.
> > Rick
> > N4ITM
> >
>

10592. Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-29 23:40:58 UTC
From: avvidclif
Topic: 10589 Message: 10592

Ok, let's try this again. Does the red light come on and the rx mute when you push the send switch?

Clif

--- In TS-850_450_690@yahoogroups.com, "n4itm" <n4itm@...> wrote:
>
> Thanks for the reply Clif. I tried the reset still nothing. It does not go into transmit at all. Receive's on all modes all bands just like normal. Will not go into transmit. It does have the internal tuner I took that out of line and set it up as if it was never there still doesn't go into transmit. While in the radio I looked around to see if there were any obvious burned components. I did not see nor smell anything.
> Thanks
> Rick
> N4ITM
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > First reset the processor.
> >
> > Does it go into tx mode just no power out? Band? Mode? On a dummyload?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "n4itm" <n4itm@> wrote:
> > >
> > > Ok so after a few days of no use I turn the rig on the other day and its got no transmit. Receive is still just as good as it was. I have no clue where to begin my investigation. Any help would be great.
> > > Rick
> > > N4ITM
> > >
> >
>

10593. Re: [TS-850_450_690] Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-30 00:05:29 UTC
From: Tom Osborne
Topic: 10589 Message: 10593

HI Rick

Did you check the menu?

Hold the LSB?USB key in when powering on.

Menu item number 19 has to be set to 'Off'. Looks wrong, but that is the right setting. 73
Tom W7WHY

Thanks for the reply Clif. I tried the reset still nothing. It does not go into transmit at all. Receive's on all modes all bands just like normal. Will not go into transmit. It does have the internal tuner I took that out of line and set it up as if it was never there still doesn't go into transmit. While in the radio I looked around to see if there were any obvious burned components. I did not see nor smell anything.
Thanks
Rick
N4ITM

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> First reset the processor.
>
> Does it go into tx mode just no power out? Band? Mode? On a dummyload?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "n4itm" <n4itm@> wrote:
> >
> > Ok so after a few days of no use I turn the rig on the other day and its
> > got no transmit. Receive is still just as good as it was. I have no clue
> > where to begin my investigation. Any help would be great.
> > Rick
> > N4ITM
> >
>

10594. Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-30 03:23:34 UTC
From: Richard Bassett
Topic: 10589 Message: 10594

No indication of transmit at all. No transmit light no mute of receive.
Rick

[Non-text portions of this message have been removed]

10595. Re: [TS-850_450_690] Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-30 03:24:10 UTC
From: Richard Bassett
Topic: 10589 Message: 10595

Menu item 19 is set to off
Rick

[Non-text portions of this message have been removed]

10596. RE: [TS-850_450_690] Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-30 12:15:56 UTC
From: Dave Gmail
Topic: 10589 Message: 10596

Did you mention, is this with the hand mike, or are you using the send button to see no transmit???

Sounds like an open mike.

What about cw mode??? With a key

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Richard Bassett
Sent: July-29-11 11:24 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-450s Help?

No indication of transmit at all. No transmit light no mute of receive.
Rick

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10597. Re: TS-450s Help?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-30 12:19:52 UTC
From: n4itm
Topic: 10589 Message: 10597

This is with the send key and two different mikes. I do not have a cw key so can not try that.
Thanks
Rick

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Did you mention, is this with the hand mike, or are you using the send
> button to see no transmit???
>
>
> Sounds like an open mike.
>
>
> What about cw mode??? With a key
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Richard Bassett
> Sent: July-29-11 11:24 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-450s Help?
>
> No indication of transmit at all. No transmit light no mute of receive.
> Rick
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10598. Re: [TS-850_450_690] TS-850 NOISE LEVEL

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-07-31 11:30:01 UTC
From: johnnygm7lsi@aol.com
Topic: 10574 Message: 10598

Hi, Sorry for the delay in replying, I`ve been working away from home all week, thanks for taking the time to reply, and all the advice. Looks like it`s just noisy bands then. ,I have done one test with an Icom and it had 0 noise level on the meter at my QTH, but it could be that the TS850 is more sensitive on recieve, I`ll do some comparison tests with other radios and let you all know the results.

Thanks
again, Johnny, GM7LSI.

In a message dated 23/07/2011 22:55:05 GMT Daylight Time,
johnnygm7lsi@... writes:

Hi all,
I wonder if anyone can throw some light on a noise level
problem I have on my TS-850S AT. I have a continuous noise level of 8/9, I used
to blame it on local QRM, but I have now moved QTH and it has followed me.
Antenna just now is a 80MTR dipole, but as I move up the bands the QRM gets
lower, I have changed coax and baluns to try and cure it but it still
plagues me. A friend of mine has brought round his HF rig and there is no qrm
on his radio in my shack, I have also tried a change of PSU. With the AIP on
, IE. button depressed, the QRM drops to sig 4. Any strong sigs of 8/9 I
can read ok but anything below that sig I can still hear but with
difficulty. Hope I`ve covered everything.

Many thanks,
Johnny, GM7LSI. Scotland.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10599. Need a LPF filter board from a TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-08 03:01:07 UTC
From: MD
Topic: 10599 Message: 10599

I am in need of a Filter board from a TS-850. Anybody got a carcass with one still in it?

Marty
N5KBP
\

10600. low power on TS570

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-08 12:58:03 UTC
From: Anthony W. DePrato
Topic: 10599 Message: 10600

got on six last nite . i use a ts570 and a 5 ele cushcraft ant.
had not been on for a week or so . noticed my power out had dropped
to about 50 watts peak. check all setting and swr and all is correct.
dropped down to hf bands and power out is 100 watts. anyone have any
ideals ? i have the build in tuner and it tunes out what little swr i have
73 Tony

10601. RE: [TS-850_450_690] low power on TS570

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-08 21:42:29 UTC
From: Dave Gmail
Topic: 10599 Message: 10601

Separate antenna?? Maybe swr is higher than usual. Have you checked it on a dummy load??? I don't know the radio well, but is 6 capable of 100 watts???

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Anthony W. DePrato
Sent: August-08-11 8:58 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] low power on TS570

got on six last nite . i use a ts570 and a 5 ele cushcraft ant.
had not been on for a week or so . noticed my power out had dropped
to about 50 watts peak. check all setting and swr and all is correct.
dropped down to hf bands and power out is 100 watts. anyone have any
ideals ? i have the build in tuner and it tunes out what little swr i have
73 Tony

THANKS FOR USING TS-850_450_690@...! Groups Links

10603. NEED 6631 or 66312 DDS chip (used or new)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-15 14:39:58 UTC
From: Jose V. Gavila
Topic: 10603 Message: 10603

Hello!

Some time ago I was able to fix a TS-850 thanks to the help of a list member. This time, a TS-450 has stopped working and it has also the dread damaged DDS chip failure :-(

So, is there anyone with a 6631 or 66312 DDS to spare?. I would even take an unworking CAR UNIT (from a 450/690 or a 850) to salvage one chip. Of course, a working CAR UNIT for the 450 would be a perfect fit, but I am not dreaming on finding one.

Thanks for your help!

Regards,

JOSE
--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
Radio and Test Equipment....... http://jvgavila.com
RadioRepair BLOG.............. http://radiorepair.blogspot.com

10604. TS-450S bricked

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-18 20:09:04 UTC
From: William C. Johnson
Topic: 10604 Message: 10604

Hi gang I am new to this group.

I finally bought a much coveted TS-450S after selling my TS-440SAT years ago.

I fired it up and tuned and loaded it to the OEN 3980 all was swell. I shut it down for dinner for about an hour.

I fired it back up for net and all was good on the receive had a lot of noise so so I stepped through the NB.

It locked up and would not do anything total time of maybe 5 minutes.

I shut it down and restarted it. Still bricked some goofy lights lit ie. AT TUNE allmodes etc.

Since it had been stored for several years I replaced the internal battery no help.

I have tried both resets. A=B and is it clear and ??? it is the box I am on the road back to Yuma.

All ideas appreciated. This beauty is like new I would hate to part it out.

Bill K7BRR

[Non-text portions of this message have been removed]

10605. RE: [TS-850_450_690] TS-450S bricked

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-18 20:45:15 UTC
From: Dave Montgomery
Topic: 10604 Message: 10605

I have some ideas but will defer to Cliff or Bill English.

Dave/KJ4WKL

To: TS-850_450_690@yahoogroups.com4
From: wcbilljohnson@...
Date: Thu, 18 Aug 2011 13:09:04 -0700
Subject: [TS-850_450_690] TS-450S bricked

Hi gang I am new to this group.

I finally bought a much coveted TS-450S after selling my TS-440SAT years ago.

I fired it up and tuned and loaded it to the OEN 3980 all was swell. I shut it down for dinner for about an hour.

I fired it back up for net and all was good on the receive had a lot of noise so so I stepped through the NB.

It locked up and would not do anything total time of maybe 5 minutes.

I shut it down and restarted it. Still bricked some goofy lights lit ie. AT TUNE allmodes etc.

Since it had been stored for several years I replaced the internal battery no help.

I have tried both resets. A=B and is it clear and ??? it is the box I am on the road back to Yuma.

All ideas appreciated. This beauty is like new I would hate to part it out.

Bill K7BRR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10606. Re: TS-450S bricked

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-21 20:03:20 UTC
From: avvidclif
Topic: 10604 Message: 10606

Had the internal battery leaked? If so did you repair the damage?

Clif

--- In TS-850_450_690@yahoogroups.com, "William C. Johnson" <wcbilljohnson@...> wrote:
>
> Hi gang I am new to this group.
>
> I finally bought a much coveted TS-450S after selling my TS-440SAT years ago.
>
> I fired it up and tuned and loaded it to the OEN 3980 all was swell. I shut it down for dinner for about an hour.
>
> I fired it back up for net and all was good on the receive had a lot of noise so so I stepped through the NB.
>
> It locked up and would not do anything total time of maybe 5 minutes.
>
> I shut it down and restarted it. Still bricked some goofy lights lit ie. AT TUNE allmodes etc.
>
> Since it had been stored for several years I replaced the internal battery no help.
>
> I have tried both resets. A=B and is it clear and ??? it is the box I am on the road back to Yuma.
>
> All ideas appreciated. This beauty is like new I would hate to part it out.
>
> Bill K7BRR
>
> [Non-text portions of this message have been removed]
>

10607. Re: TS-450S bricked

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-21 21:24:46 UTC
From: wcbilljohnson
Topic: 10604 Message: 10607

After we had buttoned up the rig my buddy, with the steadier hand and better eyes than this 66 year old, who installed the new battery mentioned the battery had leaked down on an ic below it.
In the info I have found online battery leakage and carrier board electrolytics seem to be suspect. I will open it up and take a look for myself.
Are you the AVVID repair person who is doing backlog the next few weeks? If so I have bookmarked your site. So as to contact you after Labor Day when I return to Yuma.
K7BRR Bill

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Had the internal battery leaked? If so did you repair the damage?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "William C. Johnson" <wcbilljohnson@> wrote:
> >
> > Hi gang I am new to this group.
> >
> > I finally bought a much coveted TS-450S after selling my TS-440SAT years ago.
> >
> > I fired it up and tuned and loaded it to the OEN 3980 all was swell. I shut it down for dinner for about an hour.
> >
> > I fired it back up for net and all was good on the receive had a lot of noise so so I stepped through the NB.
> >
> > It locked up and would not do anything total time of maybe 5 minutes.
> >
> > I shut it down and restarted it. Still bricked some goofy lights lit ie. AT TUNE allmodes etc.
> >
> > Since it had been stored for several years I replaced the internal battery no help.
> >
> > I have tried both resets. A=B and is it clear and ??? it is the box I am on the road back to Yuma.
> >
> > All ideas appreciated. This beauty is like new I would hate to part it out.
> >
> > Bill K7BRR
> >
> > [Non-text portions of this message have been removed]
> >
>

10608. Re: TS-450S bricked

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-22 02:14:24 UTC
From: avvidclif
Topic: 10604 Message: 10608

That's me....

Clif

--- In TS-850_450_690@yahoogroups.com, "wcbilljohnson" <wcbilljohnson@...> wrote:
>
> After we had buttoned up the rig my buddy, with the steadier hand and better eyes than this 66 year old, who installed the new battery mentioned the battery had leaked down on an ic below it.
> In the info I have found online battery leakage and carrier board electrolytics seem to be suspect. I will open it up and take a look for myself.
> Are you the AVVID repair person who is doing backlog the next few weeks? If so I have bookmarked your site. So as to contact you after Labor Day when I return to Yuma.
> K7BRR Bill
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Had the internal battery leaked? If so did you repair the damage?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "William C. Johnson" <wcbilljohnson@> wrote:
> > >
> > > Hi gang I am new to this group.
> > >
> > > I finally bought a much coveted TS-450S after selling my TS-440SAT years ago.
> > >
> > > I fired it up and tuned and loaded it to the OEN 3980 all was swell. I shut it down for dinner for about an hour.
> > >
> > > I fired it back up for net and all was good on the receive had a lot of noise so so I stepped through the NB.
> > >
> > > It locked up and would not do anything total time of maybe 5 minutes.
> > >
> > > I shut it down and restarted it. Still bricked some goofy lights lit ie. AT TUNE allmodes etc.
> > >
> > > Since it had been stored for several years I replaced the internal battery no help.
> > >
> > > I have tried both resets. A=B and is it clear and ??? it is the box I am on the road back to Yuma.
> > >
> > > All ideas appreciated. This beauty is like new I would hate to part it out.
> > >

> > > Bill K7BRR
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

10609. Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-23 09:44:16 UTC
From: Dennis
Topic: 10609 Message: 10609

I have side tone hum on 40, but all the other bands are ok? Any ideas??

Dennis

10610. Re: [TS-850_450_690] Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-23 14:53:28 UTC
From: Tom Osborne
Topic: 10609 Message: 10610

HI Dennis

RF geting into the radio?

Did you try it with the power turned down? 73
To

I have side tone hum on 40, but all the other bands are ok? Any ideas??

Dennis

10611. Re: [TS-850_450_690] Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-23 15:22:37 UTC
From: Trent Fleming
Topic: 10609 Message: 10611

Dennis, Tom has a great idea. The only band I have RF issues on is 40m on my TS-690s, and reducing the power always fixes it.

On Tue, Aug 23, 2011 at 9:53 AM, Tom Osborne <w7why@...> wrote:

> **
>
>
> HI Dennis
>
> RF geting into the radio?
>
> Did you try it with the power turned down? 73
> To
>
> I have side tone hum on 40, but all the other bands are ok? Any ideas??
>
> Dennis
>
>
>

--
Trent Fleming

My blog on banking topics:

www.bankinginsights.blogspot.com

My web site

www.trentfleming.com

Follow me on FaceBook
www.facebook.com/thetechnologyadvisor

Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

[Non-text portions of this message have been removed]

10612. Re: [TS-850_450_690] Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-23 18:41:48 UTC
From: Mel Cruts
Topic: 10609 Message: 10612

Hi,

Sounds like history from my shack. When RF comes back down the coax shield strange things can happen in the shack. One situation where I had RF in the shack using a G5RV antenna was easily taken care of by putting a Radio Works ferrite choke at the coax feed point of the G5RV. Although the G5RV was not originally designed to have a choke or balun at the coax/twin-lead transition point, it may often help solve a problem on at least one band where RF on the coax shield becomes a problem.

You may not be using a G5RV antenna, but if RF in the shack the problem that causes your hum problem Radio Works may have a beneficial solution. Their web site is: http://radioworks.com/

73,
Mel - KF6OZ

On Tue, 2011-08-23 at 10:22 -0500, Trent Fleming wrote:

> Dennis, Tom has a great idea. The only band I have RF issues on is 40m on my TS-690s, and reducing the power always fixes it.
>
> On Tue, Aug 23, 2011 at 9:53 AM, Tom Osborne <w7why@...> wrote:
>
> > **
> > >
> > >
> > > HI Dennis
> > >
> > > RF geting into the radio?
> > >
> > > Did you try it with the power turned down? 73
> > > To
> > >
> > > I have side tone hum on 40, but all the other bands are ok? Any ideas??
> > >
> > > Dennis
> > >
> > >
> > >

>
> --
> Trent Fleming
>
> My blog on banking topics:
>
> www.bankinginsights.blogspot.com
>
> My web site
>
> www.trentfleming.com
>
> Follow me on FaceBook
> www.facebook.com/thetechnologyadvisor
>
> Follow me on Twitter
> www.twitter.com/N4DTF
> www.twitter.com/remotedeposit
> www.twitter.com/techadvisor
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

10613. Re: Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-23 23:40:12 UTC
From: Dennis
Topic: 10609 Message: 10613

Thanks all. Turning down the power doesn't do anything -- I'll put a better ground on the rig, maybe a "balun" coil in the coax??!! Always fun... Dennis K6KRV

--- In TS-850_450_690@yahoogroups.com, Mel Cruts <mel@...> wrote:
>
>
>
> Hi,
>
> Sounds like history from my shack. When RF comes back down the coax
> shield strange things can happen in the shack. One situation where I
> had
> RF in the shack using a G5RV antenna was easily taken care of by putting
> a Radio Works ferrite choke at the coax feed point of the G5RV.
> Although
> the G5RV was not originally designed to have a choke or balun at the
> coax/twin-lead transition point, it may often help solve a problem on at
> least one band where RF on the coax shield becomes a problem.
>
> You may not be using a G5RV antenna, but if RF in the shack the problem
> that causes your hum problem Radio Works may have a beneficial solution.
> Their web site is: http://radioworks.com/
>
> 73,
> Mel - KF6OZ
>
>
>
> On Tue, 2011-08-23 at 10:22 -0500, Trent Fleming wrote:
>
> >
> > Dennis, Tom has a great idea. The only band I have RF issues on is 40m
> > on
> > my TS-690s, and reducing the power always fixes it.
> >
> > On Tue, Aug 23, 2011 at 9:53 AM, Tom Osborne <w7why@...>
> > wrote:
> >
> > > **
> > >
> > >
> > > HI Dennis
> > >
> > > RF geting into the radio?
> > >

> > > Did you try it with the power turned down? 73
> > > To
> > >
> > > I have side tone hum on 40, but all the other bands are ok? Any
> > ideas??
> > >
> > > Dennis
> > >
> > >
> > >
> >
> > --
> > Trent Fleming
> >
> > My blog on banking topics:
> >
> > www.bankinginsights.blogspot.com
> >
> > My web site
> >
> > www.trentfleming.com
> >
> > Follow me on FaceBook
> > www.facebook.com/thetechnologyadvisor
> >
> > Follow me on Twitter
> > www.twitter.com/N4DTF
> > www.twitter.com/remotedeposit
> > www.twitter.com/techadvisor
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10614. Re: Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-24 19:20:54 UTC
From: EdwinB
Topic: 10609 Message: 10614

Try a 40m counterpoise ("tuned" ground).

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "Dennis" <densteele@...> wrote:
>
> Thanks all. Turning down the power doesn't do anything -- I'll put a better ground on the rig, maybe a "balun" coil in the coax??!! Always fun... Dennis K6KRV
>
>
> --- In TS-850_450_690@yahoogroups.com, Mel Cruts <mel@> wrote:
> >
> >
> >
> > Hi,
> >
> > Sounds like history from my shack. When RF comes back down the coax
> > shield strange things can happen in the shack. One situation where I
> > had
> > RF in the shack using a G5RV antenna was easily taken care of by putting
> > a Radio Works ferrite choke at the coax feed point of the G5RV.
> > Although
> > the G5RV was not originally designed to have a choke or balun at the
> > coax/twin-lead transition point, it may often help solve a problem on at
> > least one band where RF on the coax shield becomes a problem.
> >
> > You may not be using a G5RV antenna, but if RF in the shack the problem
> > that causes your hum problem Radio Works may have a beneficial solution.
> > Their web site is: http://radioworks.com/
> >
> > 73,
> > Mel - KF6OZ
> >
> >
> >
> > On Tue, 2011-08-23 at 10:22 -0500, Trent Fleming wrote:
> >
> > >
> > > Dennis, Tom has a great idea. The only band I have RF issues on is 40m
> > > on
> > > my TS-690s, and reducing the power always fixes it.
> > >
> > > On Tue, Aug 23, 2011 at 9:53 AM, Tom Osborne <w7why@>
> > > wrote:

> > >
> > > > **
> > > >
> > > >
> > > > HI Dennis
> > > >
> > > > RF geting into the radio?
> > > >
> > > > Did you try it with the power turned down? 73
> > > > To
> > > >
> > > > I have side tone hum on 40, but all the other bands are ok? Any
> > > ideas??
> > > >
> > > > Dennis
> > > >
> > > >
> > > >
> > > >
> > > --
> > > Trent Fleming
> > >
> > > My blog on banking topics:
> > >
> > > www.bankinginsights.blogspot.com
> > >
> > > My web site
> > >
> > > www.trentfleming.com
> > >
> > > Follow me on FaceBook
> > > www.facebook.com/thetechnologyadvisor
> > >
> > > Follow me on Twitter
> > > www.twitter.com/N4DTF
> > > www.twitter.com/remotedeposit
> > > www.twitter.com/techadvisor
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

10615. Re: Side tone hum on 40??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-25 01:25:04 UTC
From: avvidclif
Topic: 10609 Message: 10615

The TS440 was especially susceptible to rf problems on 40m. Usually caused by several factors. Inverted "V" antenna with an end close to the shack combined with using a full length power cord to a power supply on the floor. Run the numbers on the power cord length vs frequency. Most hams are reluctant to cut the power cord (me too). So...

Not much can be done about the antenna but I have found that the split ferrites sold numerous places work wonders. I use 3 of them on the power cord right at the back of the radio. By careful manipulation you can make a turn thru them. That usually takes care of it.

Realize this is common on the 440. I haven't heard much on the 450 and this problem but where it's limited to 40m only it won't cost much to try.

YMMV

Clif

--- In TS-850_450_690@yahoogroups.com, "Dennis" <densteele@...> wrote:
>
> Thanks all. Turning down the power doesn't do anything -- I'll put a better ground on the rig, maybe a "balun" coil in the coax??!! Always fun... Dennis K6KRV
>
>
> --- In TS-850_450_690@yahoogroups.com, Mel Cruts <mel@> wrote:
> >
> >
> >
> > Hi,
> >
> > Sounds like history from my shack. When RF comes back down the coax
> > shield strange things can happen in the shack. One situation where I
> > had
> > RF in the shack using a G5RV antenna was easily taken care of by putting
> > a Radio Works ferrite choke at the coax feed point of the G5RV.
> > Although
> > the G5RV was not originally designed to have a choke or balun at the
> > coax/twin-lead transition point, it may often help solve a problem on at
> > least one band where RF on the coax shield becomes a problem.
> >
> > You may not be using a G5RV antenna, but if RF in the shack the problem
> > that causes your hum problem Radio Works may have a beneficial solution.
> > Their web site is: http://radioworks.com/
> >
> > 73,
> > Mel - KF6OZ
> >

> >
> >
> > On Tue, 2011-08-23 at 10:22 -0500, Trent Fleming wrote:
> >
> > >
> > > Dennis, Tom has a great idea. The only band I have RF issues on is 40m
> > > on
> > > my TS-690s, and reducing the power always fixes it.
> > >
> > > On Tue, Aug 23, 2011 at 9:53 AM, Tom Osborne <w7why@>
> > > wrote:
> > >
> > > > **
> > > >
> > > >
> > > > HI Dennis
> > > >
> > > > RF geting into the radio?
> > > >
> > > > Did you try it with the power turned down? 73
> > > > To
> > > >
> > > > I have side tone hum on 40, but all the other bands are ok? Any
> > > ideas??
> > > >
> > > > Dennis
> > > >
> > > >
> > > >
> > > >
> > > --
> > > Trent Fleming
> > >
> > > My blog on banking topics:
> > >
> > > www.bankinginsights.blogspot.com
> > >
> > > My web site
> > >
> > > www.trentfleming.com
> > >
> > > Follow me on FaceBook
> > > www.facebook.com/thetechnologyadvisor
> > >
> > > Follow me on Twitter
> > > www.twitter.com/N4DTF
> > > www.twitter.com/remotedeposit
> > > www.twitter.com/techadvisor
> > >
> > > [Non-text portions of this message have been removed]

> > >
> > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

10616. A "highly technical" solution to my "hummm on 40 problem"!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-25 16:31:46 UTC
From: Dennis
Topic: 10609 Message: 10616

OK, so technology isn't new to me. I've been a ham since 1953,so I thnk I know enough to get on the air and have some fun.

A couple of days ago I asked the group a question about "sidetone hum on 40 meter cw".. And I want to THANK the guys who replied to me.

I have since FOUND THE PROBLEM and thought I'd report this "highly technical" solution to the 40 meter hum problem.

First you need to know my rig is adjacent to my computer.. Are you getting the picture?? Maybe the solution??

Well --

I just reached over and turned OFF the computer speaker!! No more hum!!

Ahhh, such are the "senior moments" in one's life!!

73 to all. See you on CW one of these days.

Dennis K6KRV

--- In TS-850_450_690@yahoogroups.com, "Dennis" <densteele@...> wrote:
>
> I have side tone hum on 40, but all the other bands are ok? Any ideas??
>
> Dennis
>

10617. Re: [TS-850_450_690] A "highly technical" solution to my "hummm on 40 problem"!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-25 23:00:06 UTC
From: Les Jones II
Topic: 10609 Message: 10617

Now you know you have a 40 meter speaker. LOL. We all have those moments.
73 de Les NQ0J

On Thu, Aug 25, 2011 at 11:31 AM, Dennis <densteele@gmail.com> wrote:

> **
>
>
> OK, so technology isn't new to me. I've been a ham since 1953,so I thnk I
> know enough to get on the air and have some fun.
>
> A couple of days ago I asked the group a question about "sidetone hum on 40
> meter cw".. And I want to THANK the guys who replied to me.
>
> I have since FOUND THE PROBLEM and thought I'd report this "highly
> technical" solution to the 40 meter hum problem.
>
> First you need to know my rig is adjacent to my computer.. Are you getting
> the picture?? Maybe the solution??
>
> Well --
>
> I just reached over and turned OFF the computer speaker!! No more hum!!
>
> Ahhh, such are the "senior moments" in one's life!!
>
> 73 to all. See you on CW one of these days.
>
> Dennis K6KRV
>
> --- In TS-850_450_690@yahoogroups.com, "Dennis" <densteele@...> wrote:
> >
> > I have side tone hum on 40, but all the other bands are ok? Any ideas??
> >
> > Dennis
> >
>
>
>

--
Les Jones II
1010 Fredericksburg Rd
Excelsior Springs, Missouri

64024
816-826-6347
NQ0J (formerly KD0NFK)

[Non-text portions of this message have been removed]

10618. Re: [TS-850_450_690] A "highly technical" solution to my "hummm on 40 problem"!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-25 23:45:49 UTC
From: Tom Osborne
Topic: 10609 Message: 10618

Well, glad you found it Dennis. But, you need to UNPLUG the speaker. Even if it is turned off, RF is still getting into the computer. 73

Tom W7WHY

> Well --
>
> I just reached over and turned OFF the computer speaker!! No more hum!!
>
> Ahhh, such are the "senior moments" in one's life!!
>
> 73 to all. See you on CW one of these days.
>
> Dennis K6KRV
>

10619. Re: A "highly technical" solution to my "hummm on 40 problem"!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-08-26 09:58:39 UTC
From: Dennis
Topic: 10609 Message: 10619

Will do. Tnx. Dennis

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Well, glad you found it Dennis. But, you need to UNPLUG the speaker. Even
> if it is turned off, RF is still getting into the computer. 73
>
> Tom W7WHY
>
> >
> > Well --
> >
> > I just reached over and turned OFF the computer speaker!! No more hum!!
> >
> > Ahhh, such are the "senior moments" in one's life!!
> >
> > 73 to all. See you on CW one of these days.
> >
> > Dennis K6KRV
> >
>

10620. TS-850 AT Help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 00:07:31 UTC
From: steelgtr_95127
Topic: 10620 Message: 10620

I recently fired up the old 850 after a year or 2, connected to a simple dipole on the roof.

I thought the AT was working; I put it on auto, push AT tune and I would hear it do it's thing and watch the SWR drop to 1. Now the SWR stays pegged @ infinity.

If I leave it on AUTO and change bands, the amber AT Tune lights briefly, i hear the motor and the light goes out.

What could be going on?

thx

bob

kg6tby

10621. Re: TS450S no TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-06 23:59:46 UTC
From: fcp_lopes
Topic: 10438 Message: 10621

Hello after checking various topics related to this issue, I checked some items with no success in solving it.

Problem description:
The rig TS450S dont't transmit, gives a cw error code of "CHEC" when my AT-TUNE button is pressed. The atu won't activate and nothing happens when I depress my PTT.

Verifications:
with reset it does not go into transmit at all. Receive's on all modes all bands just like normal.

I have used a dummyload connected to the rig.

The red light don't come on and the rx don't mute when you push the send switch.

Menu item 19 is set to off.

I looked around and did not see burned componets.

Tested with hand mike, cw key, send button and no transmit.

I removed the Q54 from PCB for testing, could be short.

TXB=0v , RXB=7.7v , CSS=0v when push the send switch, still the same and no PTT.

would appreciate help please

thanks

ct1fac / Fernando

--- In TS-850_450_690@yahoogroups.com, "fcp_lopes" <CT1FAC@...> wrote:
>
>
> Hello everybody after a national contest on HF this weekend, where everything was ok.
> I found that, pressing PTT the radio does not TX, tried keyng in CW and also does't work
> when I click on AT TUNE a morse sound came "CHECK".
> Any idea???
>
> The radio: TS450S
>
>
> Thanks in advance
>
> ct1fac / Fernando
>

10622. need dc cable for TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 00:52:02 UTC
From: wa4jqs@mikrotec.com
Topic: 10438 Message: 10622

Just finished setting up my spare TS850SAT for RTTY FSK use. got my Hal boards installed in a old 486dx120 computer yes i have slo-mo installed hi hi.. started looking for the dc cable to hook up the 850 then remembered loaning it to a ham. who has long since moved away. now i need a cable anyone got a spare one they will sell?
guess i could order a molex plug and make one up but thought i would ask here first.
73 Tony wa4jqs

10623. Re: need dc cable for TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 08:00:10 UTC
From: Bryan
Topic: 10438 Message: 10623

Hi Tony,

I don't have one but, "K1CRA_radio_store" sells such items on eBay. He has 8' x 12ga cords for $15 (+ $3 shipping). Search for #200647883938. If you want to roll your own, he has the plug w/ 4 pins by themselves (#200645506474) for $4.25 shipped.

vy 73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, Tony WA4JQS wrote:
>
> Just finished setting up my spare TS850SAT for RTTY FSK use. got my Hal
> boards installed in a old 486dx120 computer yes i have slo-mo installed hi
> hi.. started looking for the dc cable to hook up the 850 then remembered
> loaning it to a ham. who has long since moved away. now i need a cable
> anyone got a spare one they will sell?
> guess i could order a molex plug and make one up but thought i would ask
> here first.
> 73 Tony WA4JQS

10624. Re: [TS-850_450_690] Re: need dc cable for TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 14:34:42 UTC
From: Anthony W. DePrato
Topic: 10438 Message: 10624

At 04:00 AM 9/7/2011, you wrote:
>Hi Tony,
>
>I don't have one but, "K1CRA_radio_store" sells such items on
>eBay. He has 8' x 12ga cords for $15 (+ $3 shipping). Search for
>#200647883938. If you want to roll your own, he has the plug w/ 4
>pins by themselves (#200645506474) for $4.25 shipped.
>
>vy 73,
>Bryan WA7PRC

Thanks Bryan ill drop him an email. thank again..
73 Tony

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10625. AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 14:57:51 UTC
From: Bob Snelgrove
Topic: 10438 Message: 10625

Can anyone please advise on my AT problem? I don't have a dummy load to rule out the antenna but nothing has been moved.

bob

[Non-text portions of this message have been removed]

10626. Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 16:03:19 UTC
From: VA3UE
Topic: 10438 Message: 10626

Bob, a dummy load is basic equipment and everybody should have at least one. You don't really mean to tell us that you always tune your radio up with an antenna connected, do you? QRM?

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...> wrote:
>
> Can anyone please advise on my AT problem? I don't have a dummy load to rule out the antenna but nothing has been moved.
>
>
> bob
>
> [Non-text portions of this message have been removed]
>

10627. Re: 690s battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 13:29:44 UTC
From: Brad
Topic: 10627 Message: 10627

My father wanted myself to post this for him, he wanted to use the memories function but apparently the battery inside is dead. I haven't ever cracked it open to determine what type it is and if it's a common one that can be replaced. Has anyone replaced one before? Thanks kb9kyu feel free to direct email

[Non-text portions of this message have been removed]

10628. Re: [TS-850_450_690] Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 20:16:48 UTC
From: johnnygm7lsi@aol.com
Topic: 10438 Message: 10628

A dummy load is very useful, but why would you tune up your radio connected to one

Bob, a dummy load is basic equipment and everybody should have at least one. You don't really mean to tell us that you always tune your radio up with an antenna connected, do you? QRM?

--- In _TS-850_450_690@yahoogroups.com_ (mailto:TS-850_450_690@yahoogroups.com) , "Bob Snelgrove" <bob@...> wrote:
>
> Can anyone please advise on my AT problem? I don't have a dummy load to rule out the antenna but nothing has been moved.
>
>
> bob
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10629. Re: [TS-850_450_690] AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 20:29:34 UTC
From: Bob Snelgrove
Topic: 10438 Message: 10629

Update:

Dummy load is the same, infinity continuously while trying to manually tune.

bob

----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 07, 2011 07:57
Subject: [TS-850_450_690] AT Problem

Can anyone please advise on my AT problem? I don't have a dummy load to rule out the antenna but nothing has been moved.

bob

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10630. Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 20:49:57 UTC
From: VA3UE
Topic: 10438 Message: 10630

You would use it to verify your output power into a known non-reactive reference load, what else.

--- In TS-850_450_690@yahoogroups.com, johnnygm7lsi@... wrote:
>
> A dummy load is very useful, but why would you tune up your radio connected
> to one
>
>
>
>
>
> Bob, a dummy load is basic equipment and everybody should have at least
> one. You don't really mean to tell us that you always tune your radio up with
> an antenna connected, do you? QRM?
>
> --- In _TS-850_450_690@yahoogroups.com_
> (mailto:TS-850_450_690@yahoogroups.com) , "Bob Snelgrove" <bob@> wrote:
> >
> > Can anyone please advise on my AT problem? I don't have a dummy load to
> rule out the antenna but nothing has been moved.
> >
> >
> > bob
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10631. Re: 690s battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 20:36:01 UTC
From: Terry Aldridge
Topic: 10627 Message: 10631

section 4-12-1 of the manual says it is a lithium battery and recommends great care as this unit contains CMOS type circuitry...it recommends a Kenwood service facility...you can find pictures and details elsewhere for a do-it-yourself project if you are handy...

Charles Terry , KM9N

[Non-text portions of this message have been removed]

10632. Re: [TS-850_450_690] Re: 690s battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 21:19:35 UTC
From: Tom Osborne
Topic: 10627 Message: 10632

There are 3 pins going through the board. You need to unsolder the old one to get it out.

Lots of guys replace the solder-in battery with a different holder and move it to a different place so you don't have to remove the board to change the battery. 73
Tom W7WHY

section 4-12-1 of the manual says it is a lithium battery and recommends great care as this unit contains CMOS type circuitry...it recommends a Kenwood service facility...you can find pictures and details elsewhere for a do-it-yourself project if you are handy...

Charles Terry , KM9N

[Non-text portions of this message have been removed]

10633. Re: [TS-850_450_690] Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 22:39:26 UTC
From: Bob Snelgrove
Topic: 10438 Message: 10633

OK

I found my dummy load, same problem. Now what?

bob
----- Original Message -----
From: VA3UE
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 07, 2011 09:03
Subject: [TS-850_450_690] Re: AT Problem

Bob, a dummy load is basic equipment and everybody should have at least one. You don't really mean to tell us that you always tune your radio up with an antenna connected, do you? QRM?

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...> wrote:
>
> Can anyone please advise on my AT problem? I don't have a dummy load to rule out the antenna but nothing has been moved.
>
>
> bob
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10634. Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 22:57:17 UTC
From: VA3UE
Topic: 10438 Message: 10634

Now you know for sure it is a problem with the radio. Larger minds than mine will have to assist with that.

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...> wrote:
>
> OK
>
> I found my dummy load, same problem. Now what?
>
>
> bob
> ----- Original Message -----
> From: VA3UE
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, September 07, 2011 09:03
> Subject: [TS-850_450_690] Re: AT Problem
>
>
>
> Bob, a dummy load is basic equipment and everybody should have at least one. You don't really mean to tell us that you always tune your radio up with an antenna connected, do you? QRM?
>
> --- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@> wrote:
> >
> > Can anyone please advise on my AT problem? I don't have a dummy load to rule out the antenna but nothing has been moved.
> >
> >
> > bob
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10635. Re: [TS-850_450_690] Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 22:52:46 UTC
From: colinjt Gmail
Topic: 10438 Message: 10635

On Wednesday 07 Sep 2011 23:39:26 Bob Snelgrove wrote:
> OK
>
> I found my dummy load, same problem. Now what?

Maybe a dumb question.. but you do have the carrier turned up?

73 Colin - G6AVK
--
Fedora 15 (Lovelock)
Registered Linux user number #342953

10636. Re: [TS-850_450_690] TS-850 AT Help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 23:01:01 UTC
From: Jesse Dominguez
Topic: 10620 Message: 10636

where is your car. set to it needs to have enough carrier in order for the tuner to tune.
Just a taught that's what happen to me when I first bought my 850s.

On Tue, Sep 6, 2011 at 7:07 PM, steelgtr_95127 <bob@...> wrote:

> **
>
>
> I recently fired up the old 850 after a year or 2, connected to a simple
> dipole on the roof.
>
> I thought the AT was working; I put it on auto, push AT tune and I would
> hear it do it's thing and watch the SWR drop to 1. Now the SWR stays pegged
> @ infinity.
>
> If I leave it on AUTO and change bands, the amber AT Tune lights briefly, i
> hear the motor and the light goes out.
>
> What could be going on?
>
> thx
>
> bob
>
> kg6tby
>
>
>

[Non-text portions of this message have been removed]

10637. Re: [TS-850_450_690] TS-850 AT Help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 23:22:16 UTC
From: Bob Snelgrove
Topic: 10620 Message: 10637

Jesse,

You rock, man :) I must have inadvertently turned it down THANK YOU!

bob

----- Original Message -----
From: Jesse Dominguez
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 07, 2011 04:01
Subject: Re: [TS-850_450_690] TS-850 AT Help

where is your car. set to it needs to have enough carrier in order for the
tuner to tune.
Just a taught that's what happen to me when I first bought my 850s.

On Tue, Sep 6, 2011 at 7:07 PM, steelgtr_95127 <bob@...> wrote:

> **
>
>
> I recently fired up the old 850 after a year or 2, connected to a simple
> dipole on the roof.
>
> I thought the AT was working; I put it on auto, push AT tune and I would
> hear it do it's thing and watch the SWR drop to 1. Now the SWR stays pegged
> @ infinity.
>
> If I leave it on AUTO and change bands, the amber AT Tune lights briefly, i
> hear the motor and the light goes out.
>
> What could be going on?
>
> thx
>
> bob
>
> kg6tby
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10638. Re: [TS-850_450_690] Re: AT Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-07 23:40:25 UTC
From: Bob Snelgrove
Topic: 10438 Message: 10638

Not dumb at all. You and Jesse nailed it!

bob

----- Original Message -----
From: colinjt Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 07, 2011 03:52
Subject: Re: [TS-850_450_690] Re: AT Problem

On Wednesday 07 Sep 2011 23:39:26 Bob Snelgrove wrote:
> OK
>
> I found my dummy load, same problem. Now what?

Maybe a dumb question.. but you do have the carrier turned up?

73 Colin - G6AVK
--
Fedora 15 (Lovelock)
Registered Linux user number #342953

[Non-text portions of this message have been removed]

10639. Re: 690s battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-08 03:33:44 UTC
From: w4jz
Topic: 10627 Message: 10639

That's what I did. Get battery holder at Radio Shack & relocated next to ant tuner. Wrapped holder in electrical tape. Be sure to check for corrosion as this is a common problem with the type of battery they used.

Reed W4JZ

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Lots of guys replace the solder-in battery with a different holder and move
> it to a different place so you don't have to remove the board to change the
> battery. 73
> Tom W7WHY
>
>
>
>

10640. HRD Questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-12 15:31:17 UTC
From: Bob Snelgrove
Topic: 10620 Message: 10640

I'm looking to computer control the 850. Is HRD the ticket?

Can you control AF levels on screen?

Does anyone have an interface cable that they are not using or a reccommendation for one that works wit the 850 and Win Vista 32?

thx

bob

[Non-text portions of this message have been removed]

10641. RE: [TS-850_450_690] HRD Questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-12 22:21:24 UTC
From: Dave Gmail
Topic: 10620 Message: 10641

Yes hrd could work, there are many others as well. It depends on how you want to control it.

NO you can NOT control AF on screen, the manual does show you what can be controlled, (the supplement)

Also all kinds, kenwood has the if232c to use on all kenwood radio, and there are several aftermarket choices.....

A search on google or your favourite search engine should show lots of results...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: September-12-11 11:31 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] HRD Questions

I'm looking to computer control the 850. Is HRD the ticket?

Can you control AF levels on screen?

Does anyone have an interface cable that they are not using or a reccommendation for one that works wit the 850 and Win Vista 32?

thx

bob

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10642. Re: HRD Questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-13 13:31:32 UTC
From: ah6rr1
Topic: 10620 Message: 10642

I have been using HRD for over 5 years now with my 850 I find it to be the best rig control program available. I have used many others even some I had to pay money for and HRD wins hands down every time. No you can not control the AF levels but you can slect filters, modes and even slope tuning. There is a learning curve mostly for the logbook feature but it does not take long at all. And the best thing is HRD is FREE.
Have fun with it.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Yes hrd could work, there are many others as well. It depends on how you
> want to control it.
>
>
> NO you can NOT control AF on screen, the manual does show you what can be
> controlled, (the supplement)
>
> Also all kinds, kenwood has the if232c to use on all kenwood radio, and
> there are several aftermarket choices.....
>
> A search on google or your favourite search engine should show lots of
> results...
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Bob Snelgrove
> Sent: September-12-11 11:31 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] HRD Questions
>
> I'm looking to computer control the 850. Is HRD the ticket?
>
> Can you control AF levels on screen?
>
> Does anyone have an interface cable that they are not using or a
> reccommendation for one that works wit the 850 and Win Vista 32?
>
> thx
>
>
> bob
>
> [Non-text portions of this message have been removed]

>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10643. Re: [TS-850_450_690] Re: HRD Questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-13 14:15:22 UTC
From: Jordan
Topic: 10620 Message: 10643

Power SDR and an LP-Pan setup is the best method of controlling my
850S....ymmv....73...Jordan VE6ZT

----- Original Message -----
From: ah6rr1
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 13, 2011 7:31 AM
Subject: [TS-850_450_690] Re: HRD Questions

I have been using HRD for over 5 years now with my 850 I find it to be the best rig control program available. I have used many others even some I had to pay money for and HRD wins hands down every time. No you can not control the AF levels but you can slect filters, modes and even slope tuning. There is a learning curve mostly for the logbook feature but it does not take long at all. And the best thing is HRD is FREE.
Have fun with it.
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Yes hrd could work, there are many others as well. It depends on how you
> want to control it.
>
>
> NO you can NOT control AF on screen, the manual does show you what can be
> controlled, (the supplement)
>
> Also all kinds, kenwood has the if232c to use on all kenwood radio, and
> there are several aftermarket choices.....
>
> A search on google or your favourite search engine should show lots of
> results...
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Bob Snelgrove
> Sent: September-12-11 11:31 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] HRD Questions
>
> I'm looking to computer control the 850. Is HRD the ticket?
>
> Can you control AF levels on screen?
>
> Does anyone have an interface cable that they are not using or a

> reccommendation for one that works wit the 850 and Win Vista 32?
>
> thx
>
>
> bob
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

[Non-text portions of this message have been removed]

10644. Re: HRD Questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-13 15:28:29 UTC
From: Scott
Topic: 10620 Message: 10644

I use both HRD and PSDR with the LP Pan. I have to say I have fewer problems with HRD. PSDR locks up at times and I loose rig control.

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Power SDR and an LP-Pan setup is the best method of controlling my 850S....ymmv....73...Jordan VE6ZT
>
>
> ----- Original Message -----
> From: ah6rr1
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, September 13, 2011 7:31 AM
> Subject: [TS-850_450_690] Re: HRD Questions
>
>
>
> I have been using HRD for over 5 years now with my 850 I find it to be the best rig control program available. I have used many others even some I had to pay money for and HRD wins hands down every time. No you can not control the AF levels but you can slect filters, modes and even slope tuning. There is a learning curve mostly for the logbook feature but it does not take long at all. And the best thing is HRD is FREE.
> Have fun with it.
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > Yes hrd could work, there are many others as well. It depends on how you
> > want to control it.
> >
> >
> > NO you can NOT control AF on screen, the manual does show you what can be
> > controlled, (the supplement)
> >
> > Also all kinds, kenwood has the if232c to use on all kenwood radio, and
> > there are several aftermarket choices.....
> >
> > A search on google or your favourite search engine should show lots of
> > results...
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of Bob Snelgrove

> > Sent: September-12-11 11:31 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] HRD Questions
> >
> > I'm looking to computer control the 850. Is HRD the ticket?
> >
> > Can you control AF levels on screen?
> >
> > Does anyone have an interface cable that they are not using or a
> > reccommendation for one that works wit the 850 and Win Vista 32?
> >
> > thx
> >
> >
> > bob
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10645. SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-14 06:43:27 UTC
From: kkyahoo
Topic: 10382 Message: 10645

Hi,

Can anyone tell me if there is a trimming adjustment on the SO-2 TCXO? There is nothing on the circuit diagram, I wonder if there is trimmer access under the stick-on label? Mine's aged a bit and is close to one end of the spec, so just wanted to tweak it back if possible?

73's Kevin

[Non-text portions of this message have been removed]

10646. Re: SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-14 12:48:29 UTC
From: avvidclif
Topic: 10382 Message: 10646

That's whats under the label. Push down gently with your finger to locate the hole so you don't have to remove the entire label. They don't stick back too well...

Clif

--- In TS-850_450_690@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Hi,
>
> Can anyone tell me if there is a trimming adjustment on the SO-2 TCXO? There is nothing on the circuit diagram, I wonder if there is trimmer access under the stick-on label? Mine's aged a bit and is close to one end of the spec, so just wanted to tweak it back if possible?
>
> 73's Kevin
>
> [Non-text portions of this message have been removed]
>

10647. Re: [TS-850_450_690] Re: SO-2 TCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-14 16:22:34 UTC
From: kkyahoo
Topic: 10382 Message: 10647

Thanks Clif

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 14, 2011 1:48 PM
Subject: [TS-850_450_690] Re: SO-2 TCXO

That's whats under the label. Push down gently with your finger to locate the hole so you don't have to remove the entire label. They don't stick back too well...

Clif

--- In TS-850_450_690@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Hi,
>
> Can anyone tell me if there is a trimming adjustment on the SO-2 TCXO? There is nothing on the circuit diagram, I wonder if there is trimmer access under the stick-on label? Mine's aged a bit and is close to one end of the spec, so just wanted to tweak it back if possible?
>
> 73's Kevin
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10648. Re: "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-15 06:20:09 UTC
From: rn6lot
Topic: 10407 Message: 10648

--- In TS-850_450_690@yahoogroups.com, "rn6lot" <rn6lot@...> wrote:
>
> Hi All!
> during the transport of my TS690 was broken axle of the "MIC" potentiometer
> who knows where I can buy this part?
> new or used.
> I can pay via Paypal only
>
> 73 de Oleg
>
Hi All!
I'm still looking for this thing.
anybody know type of this potentiometer (NOT kenwood parts number)??
I'll try to find the equivalent

73 de Oleg

10649. Re: "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-15 15:57:22 UTC
From: VA3UE
Topic: 10407 Message: 10649

Hi Oleg,

The only thing I can suggest is to watch for somebody parting out a rig on eBay.com, QTH.com classifieds, or some repair shop.

You have already checked at http://www.kenwoodparts.com?

--- In TS-850_450_690@yahoogroups.com, "rn6lot" <rn6lot@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "rn6lot" <rn6lot@> wrote:
> >
> > Hi All!
> > during the transport of my TS690 was broken axle of the "MIC" potentiometer
> > who knows where I can buy this part?
> > new or used.
> > I can pay via Paypal only
> >
> > 73 de Oleg
> >
> Hi All!
> I'm still looking for this thing.
> anybody know type of this potentiometer (NOT kenwood parts number)??
> I'll try to find the equivalent
>
> 73 de Oleg
>

10650. Re: [TS-850_450_690] Re: "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-15 16:37:27 UTC
From: Tom Osborne
Topic: 10407 Message: 10650

Hi Oleg

Did you try Kenwood parts? Not sure if they do Paypal or not.

http://www.kenwoodparts.com/

73
Tom W7WHY

--- In TS-850_450_690@yahoogroups.com, "rn6lot" <rn6lot@...> wrote:
>
> Hi All!
> during the transport of my TS690 was broken axle of the "MIC"
> potentiometer
> who knows where I can buy this part?
> new or used.
> I can pay via Paypal only
>
> 73 de Oleg
>
Hi All!
I'm still looking for this thing.
anybody know type of this potentiometer (NOT kenwood parts number)??
I'll try to find the equivalent

73 de Oleg

10651. Re: [TS-850_450_690] Re: "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-15 17:24:48 UTC
From: Oleg V
Topic: 10407 Message: 10651

Yes, my friends.
I tried to find it on kenwoodparts, partstore.com, pacparts.com and other sites, but - "R05-3462-05 This item is no longer available"
i was found this item on http://wirelessrepairsandbatteries.com/r05-3462-05-p602368.html but shipping only US and Canada.

[Non-text portions of this message have been removed]

10652. new member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 03:57:38 UTC
From: Jonathan Seeley
Topic: 609 Message: 10652

I am new to this group. Hope someone will be able to help me.

[Non-text portions of this message have been removed]

10653. kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 04:02:51 UTC
From: Jonathan Seeley
Topic: 10653 Message: 10653

I keyed the mike without the antenna coax hooked up. Know I cannot transmit, only recieve.

[Non-text portions of this message have been removed]

10654. TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 08:47:06 UTC
From: Alex
Topic: 10654 Message: 10654

Hi to all,

I just want to ask if anyone tried to repair the 850 lcd display? Iam working on a TS850 with damage LCD after the capacitor leak, it damages the inverter ciruit and other parts under the capacitor due to years in storage only.

I repair the inverter and other parts but now viewing the LCD requires an angle point or view angle. The only parts visible with direct view is the S-meter side, does anyone tried to do some repair in the Glass LCD itself? i was thinking the plastic film on top of the glass may cause it. Any possible repair technique with the glass LCD?

I know a complete assy on ebay is some times available but i want to try repairing it, ebay is last option.

Thank you
Alex

10655. Re: "MIC" potentiometer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 09:26:09 UTC
From: Alex
Topic: 10407 Message: 10655

Just watch and look in ebay, sometimes there are parts from a parted TS450, got mine for $35 complete with board and knob.

Good Luck

Alex

--- In TS-850_450_690@yahoogroups.com, Oleg V <rn6lot@...> wrote:
>
> Yes, my friends.
> I tried to find it on kenwoodparts, partstore.com, pacparts.com and other sites, but - "R05-3462-05 This item is no longer available"
> i was found this item on http://wirelessrepairsandbatteries.com/r05-3462-05-p602368.html
> but shipping only US and Canada.
>
>
> [Non-text portions of this message have been removed]
>

10656. RE: [TS-850_450_690] kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 12:44:22 UTC
From: Richard Schmuke
Topic: 10653 Message: 10656

I am not sure what you problem is. If you were on SSB and keyed the mike it might all be OK. What happens with the antenna hooked up??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jonathan Seeley
Sent: Thursday, September 15, 2011 11:03 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] kenwood 450s

I keyed the mike without the antenna coax hooked up. Know I cannot transmit, only recieve.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10657. Re: [TS-850_450_690] TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 13:52:17 UTC
From: Bob Snelgrove
Topic: 10654 Message: 10657

What's the simplest way to get to the battery? Take the top off? The bottom?

thx

bob
----- Original Message -----
From: Alex
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 16, 2011 01:47
Subject: [TS-850_450_690] TS850 LCD problem

Hi to all,

I just want to ask if anyone tried to repair the 850 lcd display? Iam working on a TS850 with damage LCD after the capacitor leak, it damages the inverter ciruit and other parts under the capacitor due to years in storage only.

I repair the inverter and other parts but now viewing the LCD requires an angle point or view angle. The only parts visible with direct view is the S-meter side, does anyone tried to do some repair in the Glass LCD itself? i was thinking the plastic film on top of the glass may cause it. Any possible repair technique with the glass LCD?

I know a complete assy on ebay is some times available but i want to try repairing it, ebay is last option.

Thank you
Alex

[Non-text portions of this message have been removed]

10658. Re: [TS-850_450_690] new member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 14:13:35 UTC
From: John Faughn
Topic: 609 Message: 10658

Trying again to post on group ?

On Fri, Sep 16, 2011 at 8:03 AM, John Faughn <john.faughn@...> wrote:

> I'm new also .
> You may want to post your issue when looking for help ?
> John
> KD0CAC
> 73
>
>
> On Thu, Sep 15, 2011 at 10:57 PM, Jonathan Seeley <kc2lea@...>wrote:
>
>> **
>>
>>
>> I am new to this group. Hope someone will be able to help me.
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

10659. Re: [TS-850_450_690] new member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 15:33:47 UTC
From: Crownhaven
Topic: 609 Message: 10659

Your post is on the board. We need more information. Have you connected a dummy load to the transmitter and keyed it? How long did you transmit without an antenna? I wouldn't think you would have ruined the finals if it was a momentary thing. Was it working before this happened?

Steve, N4JQQ

John Faughn wrote:
>
> Trying again to post on group ?
>
> On Fri, Sep 16, 2011 at 8:03 AM, John Faughn <john.faughn@...
> <mailto:john.faughn%40gmail.com>> wrote:
>
> > I'm new also .
> > You may want to post your issue when looking for help ?
> > John
> > KD0CAC
> > 73
> >
> >
> > On Thu, Sep 15, 2011 at 10:57 PM, Jonathan Seeley <kc2lea@...
> <mailto:kc2lea%40yahoo.com>>wrote:
> >
> >> **
> >>
> >>
> >> I am new to this group. Hope someone will be able to help me.
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >>
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

10660. Re: [TS-850_450_690] kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 15:52:56 UTC
From: Jonathan Seeley
Topic: 10653 Message: 10660

The radio when hooked up to antenna will reciece but does not seem to transmit as the transmit light does not come on and there is no movement of the meter needle. Have I done major damage to the radio?

From: Richard Schmuke <rdj@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 16, 2011 8:44 AM
Subject: RE: [TS-850_450_690] kenwood 450s

I am not sure what you problem is. If you were on SSB and keyed the mike it might all be OK. What happens with the antenna hooked up??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jonathan Seeley
Sent: Thursday, September 15, 2011 11:03 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] kenwood 450s

I keyed the mike without the antenna coax hooked up. Know I cannot transmit, only recieve.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10661. Re: [TS-850_450_690] kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 16:20:41 UTC
From: Bob Naylor
Topic: 10653 Message: 10661

It's easy to miss something as far as your settings go. Double check everything. Your TX light should light up. Has something changed in the menu? Maybe try a re-set? Are you out of band?Bob WE6C

--- On Fri, 9/16/11, Jonathan Seeley <kc2lea@...> wrote:

From: Jonathan Seeley <kc2lea@...>
Subject: Re: [TS-850_450_690] kenwood 450s
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Friday, September 16, 2011, 8:52 AM

The radio when hooked up to antenna will reciece but does not seem to transmit as the transmit light does not come on and there is no movement of the meter needle. Have I done major damage to the radio?

From: Richard Schmuke <rdj@...>

To: TS-850_450_690@yahoogroups.com

Sent: Friday, September 16, 2011 8:44 AM

Subject: RE: [TS-850_450_690] kenwood 450s

I am not sure what you problem is. If you were on SSB and keyed the mike it

might all be OK. What happens with the antenna hooked up??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

On Behalf Of Jonathan Seeley

Sent: Thursday, September 15, 2011 11:03 PM

To: TS-850_450_690@yahoogroups.com

Subject: [TS-850_450_690] kenwood 450s

I keyed the mike without the antenna coax hooked up. Know I cannot transmit,

only recieve.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10662. RE: [TS-850_450_690] kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 19:08:57 UTC
From: Richard Schmuke
Topic: 10653 Message: 10662

Well I can't tell from here so lets.

#1 turn PWR knob fully counter clockwise

#2 turn CAR knob fully counter clockwise

#3 Push in the power button

#4 make sure VOX button is out (VOX not working)

#5 Make sure MODE is in SSB, USB or LSB

#6 Key the mike , it should light but no power out so you can't hurt anything.

If it lights all is OK to this point, next is what type of antenna and/or dummy load??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jonathan Seeley
Sent: Friday, September 16, 2011 10:53 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] kenwood 450s

The radio when hooked up to antenna will reciece but does not seem to transmit as the transmit light does not come on and there is no movement of the meter needle. Have I done major damage to the radio?

From: Richard Schmuke <rdj@... <mailto:rdj%40wildblue.net> >
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Sent: Friday, September 16, 2011 8:44 AM
Subject: RE: [TS-850_450_690] kenwood 450s

I am not sure what you problem is. If you were on SSB and keyed the mike it
might all be OK. What happens with the antenna hooked up??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Jonathan Seeley
Sent: Thursday, September 15, 2011 11:03 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Subject: [TS-850_450_690] kenwood 450s

I keyed the mike without the antenna coax hooked up. Know I cannot transmit,
only recieve.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10663. RE: [TS-850_450_690] kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 19:50:16 UTC
From: Dave Gmail
Topic: 10653 Message: 10663

Do you have another mike to try???, what if you hit the send switch??? On the face (if it has one), as the 850 does.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jonathan Seeley
Sent: September-16-11 11:53 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] kenwood 450s

The radio when hooked up to antenna will reciece but does not seem to transmit as the transmit light does not come on and there is no movement of the meter needle. Have I done major damage to the radio?

From: Richard Schmuke <rdj@wildblue.net>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 16, 2011 8:44 AM
Subject: RE: [TS-850_450_690] kenwood 450s

I am not sure what you problem is. If you were on SSB and keyed the mike it
might all be OK. What happens with the antenna hooked up??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jonathan Seeley
Sent: Thursday, September 15, 2011 11:03 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] kenwood 450s

I keyed the mike without the antenna coax hooked up. Know I cannot transmit,
only recieve.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10664. RE: [TS-850_450_690] kenwood 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-16 20:45:46 UTC
From: Ron Wright
Topic: 10653 Message: 10664

If the rig display does not display going to tx then the rig is not going into transmit. Does this rig have menu option to disable tx on certain modes??? Might try different modes. As another post said if rig has manual front panel tx sw try it. Might be bad mike. Connect rig to antenna or dummy load when trying this...do not key rig in any mode unless connected to good load.

73, ron, n9ee/r
Ron Wright, N9EE/RBSEEMicro Computer Concepts352-683-4476mccrpt@...

To: TS-850_450_690@yahoogroups.com
From: rdj@...
Date: Fri, 16 Sep 2011 14:08:57 -0500
Subject: RE: [TS-850_450_690] kenwood 450s

Well I can?t tell from here so lets.

#1 turn PWR knob fully counter clockwise

#2 turn CAR knob fully counter clockwise

#3 Push in the power button

#4 make sure VOX button is out (VOX not working)

#5 Make sure MODE is in SSB, USB or LSB

#6 Key the mike , it should light but no power out so you can?t hurt anything.

If it lights all is OK to this point, next is what type of antenna and/or dummy load??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jonathan Seeley

Sent: Friday, September 16, 2011 10:53 AM

To: TS-850_450_690@yahoogroups.com

Subject: Re: [TS-850_450_690] kenwood 450s

The radio when hooked up to antenna will reciece but does not seem to transmit as the transmit light does not come on and there is no movement of the meter needle. Have I done major damage to the radio?

From: Richard Schmuke <rdj@... <mailto:rdj%40wildblue.net> >

To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Friday, September 16, 2011 8:44 AM

Subject: RE: [TS-850_450_690] kenwood 450s

I am not sure what you problem is. If you were on SSB and keyed the mike it

might all be OK. What happens with the antenna hooked up??

Rich , Kd0zz

From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>]

On Behalf Of Jonathan Seeley

Sent: Thursday, September 15, 2011 11:03 PM

To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] kenwood 450s

I keyed the mike without the antenna coax hooked up. Know I cannot transmit,

only recieve.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10665. TS 850SAT LOST DISPLAY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-17 14:15:33 UTC
From: Anthony W. DePrato
Topic: 609 Message: 10665

>I have been redoing my station and got around to the TS850 last
>night . i hooked it up and turned it on came on ok but was going
>into transmit. turned it off found the keyer was on also the vox.
>tuned both off . tuned it back on and now i have lost the display.
>it is black. nothing. radio works fine just not display hi hi.. caps
>were all changed out 2 yrs ago before they leaked . hope the guy did
>not miss one ?. any ideals. guess it will have to go to Cliff.

73
Tony

10666. Re: TS 850SAT LOST DISPLAY

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-17 15:01:38 UTC
From: Dennis
Topic: 609 Message: 10666

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

10667. Re: TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-17 18:19:40 UTC
From: ah6rr1
Topic: 10654 Message: 10667

Check for damaged traces on the circuit board like the thru-hole plateing the leaking cap cant damage and destroy these. As for the other question the battery is best viewed from the top but to get to it for replacement it for both covers to be removed and face plate tilted down.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
> Hi to all,
>
> I just want to ask if anyone tried to repair the 850 lcd display? Iam working on a TS850 with damage LCD after the capacitor leak, it damages the inverter ciruit and other parts under the capacitor due to years in storage only.
>
> I repair the inverter and other parts but now viewing the LCD requires an angle point or view angle. The only parts visible with direct view is the S-meter side, does anyone tried to do some repair in the Glass LCD itself? i was thinking the plastic film on top of the glass may cause it. Any possible repair technique with the glass LCD?
>
> I know a complete assy on ebay is some times available but i want to try repairing it, ebay is last option.
>
> Thank you
> Alex
>

10668. Re: TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-18 09:48:54 UTC
From: Alex
Topic: 10654 Message: 10668

Hi Roland

Thank you for the answer, currently the display of the 850 is working only it can not be viewed directly you need to find a good view angle in able to see the content of the display. The board was already repaired for cut and shorts. Now my issue is the view angle of the glass lcd it self. I was hoping if some one have some repair or restoring technicque with the glass lcd not on the pcb board.

Thank you & 73

Alex
DV1TBX
--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Check for damaged traces on the circuit board like the thru-hole plateing the leaking cap cant damage and destroy these. As for the other question the battery is best viewed from the top but to get to it for replacement it for both covers to be removed and face plate tilted down.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> > Hi to all,
> >
> > I just want to ask if anyone tried to repair the 850 lcd display? Iam working on a TS850 with damage LCD after the capacitor leak, it damages the inverter ciruit and other parts under the capacitor due to years in storage only.
> >
> > I repair the inverter and other parts but now viewing the LCD requires an angle point or view angle. The only parts visible with direct view is the S-meter side, does anyone tried to do some repair in the Glass LCD itself? i was thinking the plastic film on top of the glass may cause it. Any possible repair technique with the glass LCD?
> >
> > I know a complete assy on ebay is some times available but i want to try repairing it, ebay is last option.
> >
> > Thank you
> > Alex
> >
>

10669. Re: TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-18 19:17:45 UTC
From: avvidclif
Topic: 10654 Message: 10669

It sounds like the display itself is working correctly but the florescent tube that is used for lighting is not working. You should have around 300v going to the tube itself generated by the inverter. The inverter power line is one of the affected by the leaking cap(s). Clif --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > Hi Roland > > Thank you for the answer, currently the display of the 850 is working only it can not be viewed directly you need to find a good view angle in able to see the content of the display. The board was already repaired for cut and shorts. Now my issue is the view angle of the glass lcd it self. I was hoping if some one have some repair or restoring technicque with the glass lcd not on the pcb board. > > Thank you & 73 > > Alex > DV1TBX > --- In TS-850_450_690@yahoogroups.com, "ah6rr1" wrote: > > > > Check for damaged traces on the circuit board like the thru-hole plateing the leaking cap cant damage and destroy these. As for the other question the battery is best viewed from the top but to get to it for replacement it for both covers to be removed and face plate tilted down. > > > > Roland AH6RR > > > > --- In TS-850_450_690@yahoogroups.com, "Alex" wrote: > > > > > > Hi to all, > > > > > > I just want to ask if anyone tried to repair the 850 lcd display? Iam working on a TS850 with damage LCD after the capacitor leak, it damages the inverter ciruit and other parts under the capacitor due to years in storage only. > > > > > > I repair the inverter and other parts but now viewing the LCD requires an angle point or view angle. The only parts visible with direct view is the S-meter side, does anyone tried to do some repair in the Glass LCD itself? i was thinking the plastic film on top of the glass may cause it. Any possible repair technique with the glass LCD? > > > > > > I know a complete assy on ebay is some times available but i want to try repairing it, ebay is last option. > > > > > > Thank you > > > Alex > > > > > >

10670. fan dipole with balun vs. straight dipole

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-18 20:57:16 UTC
From: Bob Snelgrove
Topic: 609 Message: 10670

1/2 wave fan dipole, 20,40,10 total length 66 feet vs. 2 wire dipole, same length.

ANy advantages or disadvantages to the fan (multi-tap) type as far as tuning, swr, etc?

thx

bob

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 17, 2011 08:01
Subject: [TS-850_450_690] Re: TS 850SAT LOST DISPLAY

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10671. Re: [TS-850_450_690] fan dipole with balun vs. straight dipole

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-18 21:00:06 UTC
From: Jordan
Topic: 609 Message: 10671

You'll probably find the dipoles need to be a little shorter than if they were driven individually....

Good luck...73, Jordan VE6ZT

----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 18, 2011 2:57 PM
Subject: [TS-850_450_690] fan dipole with balun vs. straight dipole

1/2 wave fan dipole, 20,40,10 total length 66 feet vs. 2 wire dipole, same length.

ANy advantages or disadvantages to the fan (multi-tap) type as far as tuning, swr, etc?

thx

bob

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 17, 2011 08:01
Subject: [TS-850_450_690] Re: TS 850SAT LOST DISPLAY

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10672. RE: [TS-850_450_690] fan dipole with balun vs. straight dipole

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-18 21:51:12 UTC
From: Dave Gmail
Topic: 609 Message: 10672

Check out the dx-ee by alpha delta, a commercial example of a fan dipole for 40 through 10 (or the dxcc, which has a shortened 80 meter add on

I use the dxcc here, and find 1 dipole one feed much less space needed for dipoles!!!!

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: September-18-11 4:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] fan dipole with balun vs. straight dipole

1/2 wave fan dipole, 20,40,10 total length 66 feet vs. 2 wire dipole, same length.

ANy advantages or disadvantages to the fan (multi-tap) type as far as tuning, swr, etc?

thx

bob

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 17, 2011 08:01
Subject: [TS-850_450_690] Re: TS 850SAT LOST DISPLAY

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10673. RE: [TS-850_450_690] fan dipole with balun vs. straight dipole

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-19 01:41:38 UTC
From: Richard Schmuke
Topic: 609 Message: 10673

Here is a picture of a fan dipole I built.
http://i1102.photobucket.com/albums/g453/KD0ZZ/DSC00947.jpg

The 75M part can be cut by the book, the higher frequency sections should be a little longer and the trimmed for SWR in place. The difference will depend on the height from ground and the distance between each wire. If you spread them out it is more difficult to build but less interaction, spaced close like mine there will be more capacitance to the next wire so more difference. Start with the longest and then go higher in frequency. I had mine for 5 bands , 6 if you want to count 15M on the 40 wire.

Rich , kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: Sunday, September 18, 2011 3:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] fan dipole with balun vs. straight dipole

1/2 wave fan dipole, 20,40,10 total length 66 feet vs. 2 wire dipole, same length.

ANy advantages or disadvantages to the fan (multi-tap) type as far as tuning, swr, etc?

thx

bob

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Saturday, September 17, 2011 08:01
Subject: [TS-850_450_690] Re: TS 850SAT LOST DISPLAY

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10674. Re: [TS-850_450_690] fan dipole with balun vs. straight dipole

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-19 20:49:24 UTC
From: Bob Snelgrove
Topic: 609 Message: 10674

I have a receive only question:

Would a fan dipole make any difference on receive only? IOW, right now I have a standard 65' dipole on the roof. Would adding a 33' tap improve reception on 20 meters or only when transmitting.

thx

bob

----- Original Message -----
From: Dave Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 18, 2011 02:51
Subject: RE: [TS-850_450_690] fan dipole with balun vs. straight dipole

Check out the dx-ee by alpha delta, a commercial example of a fan dipole for 40 through 10 (or the dxcc, which has a shortened 80 meter add on

I use the dxcc here, and find 1 dipole one feed much less space needed for dipoles!!!!

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: September-18-11 4:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] fan dipole with balun vs. straight dipole

1/2 wave fan dipole, 20,40,10 total length 66 feet vs. 2 wire dipole, same length.

ANy advantages or disadvantages to the fan (multi-tap) type as far as tuning, swr, etc?

thx

bob

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 17, 2011 08:01
Subject: [TS-850_450_690] Re: TS 850SAT LOST DISPLAY

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10675. Re: [TS-850_450_690] fan dipole with balun vs. straight dipole

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-19 20:55:12 UTC
From: Jordan
Topic: 609 Message: 10675

Yes, it will....the same principle as a yagi driven element with traps for 3 or more bands....

73...Jordan VE6ZT

----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 19, 2011 2:49 PM
Subject: Re: [TS-850_450_690] fan dipole with balun vs. straight dipole

I have a receive only question:

Would a fan dipole make any difference on receive only? IOW, right now I have a standard 65' dipole on the roof. Would adding a 33' tap improve reception on 20 meters or only when transmitting.

thx

bob

----- Original Message -----
From: Dave Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 18, 2011 02:51
Subject: RE: [TS-850_450_690] fan dipole with balun vs. straight dipole

Check out the dx-ee by alpha delta, a commercial example of a fan dipole for 40 through 10 (or the dxcc, which has a shortened 80 meter add on

I use the dxcc here, and find 1 dipole one feed much less space needed for dipoles!!!!

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: September-18-11 4:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] fan dipole with balun vs. straight dipole

1/2 wave fan dipole, 20,40,10 total length 66 feet vs. 2 wire dipole, same length.

ANy advantages or disadvantages to the fan (multi-tap) type as far as tuning, swr, etc?

thx

bob

----- Original Message -----
From: Dennis
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 17, 2011 08:01
Subject: [TS-850_450_690] Re: TS 850SAT LOST DISPLAY

Try http://jvgavila.com/wb7.htm nice pictures also. Dennis W8YS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10676. CAT command list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 15:07:50 UTC
From: Bob Snelgrove
Topic: 10653 Message: 10676

Does anyone have the CAT command list for the TS-450s?

thx

bob

10677. Re: CAT command list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 15:13:56 UTC
From: VA3UE
Topic: 10653 Message: 10677

I just emailed you the PDF file of the IF-232 Interface manual which has all the commands in it.

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...> wrote:
>
> Does anyone have the CAT command list for the TS-450s?
>
>
>
> thx
>
> bob
>

10678. Re: CAT command list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 15:19:38 UTC
From: VA3UE
Topic: 10653 Message: 10678

And then sent the proper manual this time. oops!

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...> wrote:
>
> Does anyone have the CAT command list for the TS-450s?
>
>
>
> thx
>
> bob
>

10679. Re: [TS-850_450_690] CAT command list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 15:22:12 UTC
From: Chuck Goelz
Topic: 10653 Message: 10679

Bob,
You can find it here.

TS-450/TS-690 External Control Instruction Manual
<http://www.tippete.net/radio/kenwood/TS-450S_pgmg_manual.pdf>

Google TS-450S external control manual for more sources...

Cheers,
Chuck, WA3CEJ

On 9/21/2011 11:07 AM, Bob Snelgrove wrote:
> Does anyone have the CAT command list for the TS-450s?
>
>
>
> thx
>
> bob
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

10680. Re: [TS-850_450_690] Re: CAT command list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 15:42:09 UTC
From: Bob Snelgrove
Topic: 10653 Message: 10680

Thanks!

bob

----- Original Message -----
From: VA3UE
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 21, 2011 08:13
Subject: [TS-850_450_690] Re: CAT command list

I just emailed you the PDF file of the IF-232 Interface manual which has all the commands in it.

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@...> wrote:
>
> Does anyone have the CAT command list for the TS-450s?
>
>
>
> thx
>
> bob
>

[Non-text portions of this message have been removed]

10681. Cat control of ts-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 16:43:33 UTC
From: Chris Niehaus
Topic: 10681 Message: 10681

Hi gang, i have an 850. Does anyone have the proper pinout list for the acc2 13 pin din? I have a buxcomm tnc im trying to wire up to radio.

Thanks,
Chris.

Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

10682. Re: [TS-850_450_690] Cat control of ts-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 19:22:42 UTC
From: Tom Osborne
Topic: 10681 Message: 10682

HI Chris

http://myradio.piczo.com/microphoneplugandsocketpinouts?cr=1&linkvar=000044

http://www.newearth.demon.co.uk/comp/ts450acc.htm

73
Tom W7WHY

Hi gang, i have an 850. Does anyone have the proper pinout list for the acc2
13 pin din?
I have a buxcomm tnc im trying to wire up to radio.

Thanks,
Chris.

10683. RE: [TS-850_450_690] Cat control of ts-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-21 19:24:04 UTC
From: Dave Gmail
Topic: 10681 Message: 10683

Its in the manual

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Chris Niehaus
Sent: September-21-11 12:44 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Cat control of ts-850

Hi gang, i have an 850. Does anyone have the proper pinout list for the acc2
13 pin din?
I have a buxcomm tnc im trying to wire up to radio.

Thanks,
Chris.

Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10684. Re: [TS-850_450_690] CAT command list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-22 06:27:11 UTC
From: Bob Snelgrove
Topic: 10653 Message: 10684

Thanks, Chuck

Got it!

bob
----- Original Message -----
From: Chuck Goelz
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 21, 2011 08:22
Subject: Re: [TS-850_450_690] CAT command list

Bob,
You can find it here.

TS-450/TS-690 External Control Instruction Manual
<http://www.tippete.net/radio/kenwood/TS-450S_pgmg_manual.pdf>

Google TS-450S external control manual for more sources...

Cheers,
Chuck, WA3CEJ

On 9/21/2011 11:07 AM, Bob Snelgrove wrote:
> Does anyone have the CAT command list for the TS-450s?
>
>
>
> thx
>
> bob
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10685. hello company

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-23 06:14:03 UTC
From: satyan s
Topic: 10685 Message: 10685

just joined the group here, i am going to operate a Kenwood rig for the first time since i became a licensed ham, it was due long back. getting a used but excellent ts450 with auto tuner and hopes to enjoy the legendary Kenwood audio on tx. thanks to the admin for letting me in.

73s from India

vu3mes.
Satyan

10686. Re: [TS-850_450_690] hello company

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-23 16:39:15 UTC
From: Bob Naylor
Topic: 10685 Message: 10686

Satyan, Welcome. Congrats on your new rig! What antenna do you have?Bob WE6C

--- On Thu, 9/22/11, satyan s <satyan@...> wrote:

From: satyan s <satyan@...>
Subject: [TS-850_450_690] hello company
To: TS-850_450_690@yahoogroups.com
Date: Thursday, September 22, 2011, 11:14 PM

just joined the group here, i am going to operate a Kenwood rig for the first time since i became a licensed ham, it was due long back. getting a used but excellent ts450 with auto tuner and hopes to enjoy the legendary Kenwood audio on tx. thanks to the admin for letting me in.

73s from India

vu3mes.

Satyan

[Non-text portions of this message have been removed]

10687. Re: [TS-850_450_690] hello company

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-09-23 23:53:46 UTC
From: vu3mes
Topic: 10685 Message: 10687

Hello Bob

my antennas are all homebrewed, an inverted for 40 mtrs and a g5rv
junior also homemade for other bands. more details at my qrz.com page.

thanks 73

vu3mes

On 23/09/2011, Bob Naylor <wotbob01@...> wrote:
> Satyan, Welcome. Congrats on your new rig! What antenna do you have?Bob
> WE6C
>
> --- On Thu, 9/22/11, satyan s <satyan@...> wrote:
>
> From: satyan s <satyan@...>
> Subject: [TS-850_450_690] hello company
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, September 22, 2011, 11:14 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> just joined the group here, i am going to operate a Kenwood rig for

> the first time since i became a licensed ham, it was due long back. getting
> a used but excellent ts450 with auto tuner and hopes to enjoy the legendary
> Kenwood audio on tx. thanks to the admin for letting me in.
>
>
>
> 73s from India
>
>
>
> vu3mes.
>
> Satyan
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

--
73s de vu3mes satyan sarath qth link -
http://www.findu.com/cgi-bin/find.cgi?call=vu3mes
www.qrz.com/callsign/vu3mes www.chennaihams.blogspot.com
www.satyansarath.param.mobi [mobile webpage]
**** ham radio - one world - one language ****

10688. Expand Xmit to 300-3.3 KHz to support MIL STD M110A mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-02 20:22:57 UTC
From: ltw_1937
Topic: 10688 Message: 10688

I am a MARS member and we are starting to try to use a sound card based MIL STD M110A mode. It requires a transmitted bandwidth of .3 to 3.3 KHz. I have both TS-450 and TS-850 with 2.4 and 2.7 SSB filters respectfully in both 8.3 and .455 IF's. I feel sure there is enough smarts in this group to lead me to a solution of my problem of expanding the xmit audio from it current audio range of ~.3 to ~ 2.8 KHz. I have had good (not Great) success with the receive part by IF shift expanding the upper part of the audio range but do not know enough about the xmit filter to even start searching for the right item. Any insight would be appreciated on this. Also any leads on selecting the 6KHz filter in the SSB receive mode would help. The real cutoff I am seeking is 3.3 KHz but would like to try 6 KHz if that is not available. Many Thanks and 73, Larry K4LLQ/ AAT3PY

10689. Re: [TS-850_450_690] Expand Xmit to 300-3.3 KHz to support MIL STD M110A mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-02 21:59:56 UTC
From: Alberto Rojas A.
Topic: 10688 Message: 10689

Hi Larry, there are several webpages which have ts-850 mods for increase tx bandwidth.

Google "Ts-850 hi-fi ssb"

Good luck in your search

Alberto
YV-3-EDO /6
Sent using Blackberry Movilnet

-----Original Message-----
From: "ltw_1937" <k4llq@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Sun, 02 Oct 2011 20:22:57
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Expand Xmit to 300-3.3 KHz to support MIL STD M110A mode

I am a MARS member and we are starting to try to use a sound card based MIL STD M110A mode. It requires a transmitted bandwidth of .3 to 3.3 KHz. I have both TS-450 and TS-850 with 2.4 and 2.7 SSB filters respectfully in both 8.3 and .455 IF's. I feel sure there is enough smarts in this group to lead me to a solution of my problem of expanding the xmit audio from it current audio range of ~.3 to ~ 2.8 KHz. I have had good (not Great) success with the receive part by IF shift expanding the upper part of the audio range but do not know enough about the xmit filter to even start searching for the right item. Any insight would be appreciated on this. Also any leads on selecting the 6KHz filter in the SSB receive mode would help. The real cutoff I am seeking is 3.3 KHz but would like to try 6 KHz if that is not available. Many Thanks and 73, Larry K4LLQ/ AAT3PY

[Non-text portions of this message have been removed]

10690. My 850 Died!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-03 00:34:16 UTC
From: Bob Snelgrove
Topic: 10688 Message: 10690

The same day I get a 10 meter dipole installed, talk legally for the first time (technician) I'm trimming the antenna to dial it in; hit the send button in CW mode to check swr, the display flickers I hear a click and all goes dead.

A few minutes later I go to power up and it comes on. Check SWR on 20 and 40 just fine. Go back to 10 meters try to tune goes dead and now it stays dead.

Fuse tests fine with a DVM.

Any ideas

bob

[Non-text portions of this message have been removed]

10691. Re: Expand Xmit to 300-3.3 KHz to support MIL STD M110A mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-02 23:28:17 UTC
From: ltw_1937
Topic: 10688 Message: 10691

Alberto, Thank you for the reply. All I found under "ts-850 hi-fi ssb"required the Kenwood DSP-100! I don't have one and the ones I have found cost two times what I paid for the TS-850 originally. I think I will keep looking but thank you, Larry K4LLQ/AAT3PY

--- In TS-850_450_690@yahoogroups.com, "Alberto Rojas A." <yv3edo@...> wrote:
>
> Hi Larry, there are several webpages which have ts-850 mods for increase tx bandwidth.
>
> Google "Ts-850 hi-fi ssb"
>
> Good luck in your search
>
> Alberto
> YV-3-EDO /6
> Sent using Blackberry Movilnet
>
> -----Original Message-----
> From: "ltw_1937" <k4llq@...>
> Sender: TS-850_450_690@yahoogroups.com
> Date: Sun, 02 Oct 2011 20:22:57
> To: <TS-850_450_690@yahoogroups.com>
> Reply-To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Expand Xmit to 300-3.3 KHz to support MIL STD M110A mode
>
> I am a MARS member and we are starting to try to use a sound card based MIL STD M110A mode. It requires a transmitted bandwidth of .3 to 3.3 KHz. I have both TS-450 and TS-850 with 2.4 and 2.7 SSB filters respectfully in both 8.3 and .455 IF's. I feel sure there is enough smarts in this group to lead me to a solution of my problem of expanding the xmit audio from it current audio range of ~.3 to ~ 2.8 KHz. I have had good (not Great) success with the receive part by IF shift expanding the upper part of the audio range but do not know enough about the xmit filter to even start searching for the right item. Any insight would be appreciated on this. Also any leads on selecting the 6KHz filter in the SSB receive mode would help. The real cutoff I am seeking is 3.3 KHz but would like to try 6 KHz if that is not available. Many Thanks and 73, Larry K4LLQ/ AAT3PY
>
>
>
>
> [Non-text portions of this message have been removed]
>

10692. RE: [TS-850_450_690] My 850 Died!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-03 01:13:12 UTC
From: Dave Gmail
Topic: 10688 Message: 10692

Sounds like a bad power supply (voltage dropping under load) I would check that and the power connector, for bad parts , loose connection, etc.

Then look at the rig

The fact that it comes on without changing anything in the radio makes me suspect the above...

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Snelgrove
Sent: October-02-11 8:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] My 850 Died!

The same day I get a 10 meter dipole installed, talk legally for the first time (technician) I'm trimming the antenna to dial it in; hit the send button in CW mode to check swr, the display flickers I hear a click and all goes dead.

A few minutes later I go to power up and it comes on. Check SWR on 20 and 40 just fine. Go back to 10 meters try to tune goes dead and now it stays dead.

Fuse tests fine with a DVM.

Any ideas

bob

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10693. Re: [TS-850_450_690] My 850 Died!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-03 12:58:00 UTC
From: John Faughn
Topic: 10688 Message: 10693

Bob ,
Also , check the SWR of any frequency you using not look at a band your not working and figure the one you are is OK ,
How are you tuning for 10m ?
Why are you checking SWR on bands you are not working ?
At least in your post , the way you describe your issue , does not make sense .
It would be common to have low SWR on one band and high on another , high SWR could stress a weak component in the rig .
Has anyone gone through the rig and checked for many of the counterfeit caps that can leak and create any number of issues like this , bringing a weak part failure a little early ?
John
KD0CAC
73

On Sun, Oct 2, 2011 at 8:13 PM, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Sounds like a bad power supply (voltage dropping under load) I would check
> that and the power connector, for bad parts , loose connection, etc.
>
> Then look at the rig
>
> The fact that it comes on without changing anything in the radio makes me
> suspect the above...
>
> Dave ve3wej/ve3ie
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of Bob Snelgrove
> Sent: October-02-11 8:34 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] My 850 Died!
>
>
>
> The same day I get a 10 meter dipole installed, talk legally for the first
> time (technician) I'm trimming the antenna to dial it in; hit the send
> button in CW mode to check swr, the display flickers I hear a click and all
> goes dead.
>

> A few minutes later I go to power up and it comes on. Check SWR on 20 and
> 40
> just fine. Go back to 10 meters try to tune goes dead and now it stays
> dead.
>
> Fuse tests fine with a DVM.
>
> Any ideas
>
> bob
>
> [Non-text portions of this message have been removed]
>
> ---
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

10694. Re: [TS-850_450_690] My 850 Died!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-03 14:01:49 UTC
From: Bob Snelgrove
Topic: 10688 Message: 10694

Found it!

Took off the fuse holders on the DC supply lines and cleaned them with a small blade screwdriver (they went from dull to shiny) reassembled and all seems well!

thx!

bob

----- Original Message -----
From: John Faughn
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 03, 2011 05:58
Subject: Re: [TS-850_450_690] My 850 Died!

Bob ,
Also , check the SWR of any frequency you using not look at a band your not working and figure the one you are is OK ,
How are you tuning for 10m ?
Why are you checking SWR on bands you are not working ?
At least in your post , the way you describe your issue , does not make sense .
It would be common to have low SWR on one band and high on another , high SWR could stress a weak component in the rig .
Has anyone gone through the rig and checked for many of the counterfeit caps that can leak and create any number of issues like this , bringing a weak part failure a little early ?
John
KD0CAC
73

On Sun, Oct 2, 2011 at 8:13 PM, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Sounds like a bad power supply (voltage dropping under load) I would check
> that and the power connector, for bad parts , loose connection, etc.
>
> Then look at the rig
>
> The fact that it comes on without changing anything in the radio makes me
> suspect the above...
>
> Dave ve3wej/ve3ie
>
> -----Original Message-----

> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of Bob Snelgrove
> Sent: October-02-11 8:34 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] My 850 Died!
>
>
> The same day I get a 10 meter dipole installed, talk legally for the first
> time (technician) I'm trimming the antenna to dial it in; hit the send
> button in CW mode to check swr, the display flickers I hear a click and all
> goes dead.
>
> A few minutes later I go to power up and it comes on. Check SWR on 20 and
> 40
> just fine. Go back to 10 meters try to tune goes dead and now it stays
> dead.
>
> Fuse tests fine with a DVM.
>
> Any ideas
>
> bob
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10695. Re: My 850 Died!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-03 15:47:54 UTC
From: Rui Braga
Topic: 10688 Message: 10695

Replace all tantalum capacitors Car Unit X50-3140-00.

[Non-text portions of this message have been removed]

10696. AM Birdies on TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-04 16:01:20 UTC
From: aero4rf
Topic: 10696 Message: 10696

I seem to be hearing AM broadcast signals on 160, 80, and higher bands. They are mixed in with normal signals in 10 Khz steps on RX. Kinda sounds the same as the CB intruders on on 10 meters with heterodyne with watery audio. Didn't find anything on this doing search on group.

Any ideas?
Mike
WBÃ□GOA

10697. Re: [TS-850_450_690] AM Birdies on TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-04 16:42:33 UTC
From: Tom Osborne
Topic: 10696 Message: 10697

Hi Mike

Wonder what kind of antenna you are using.

This can happen with a bad connection somewhere--coax, or other connection. If there is any resistance from some kind of crud, it can act like a diode and rectify the AM signals. I've had that happen here.

Does it do it on 2 or more different antennas? 73
Tom W7WHY

I seem to be hearing AM broadcast signals on 160, 80, and higher bands. They are mixed in with normal signals in 10 Khz steps on RX. Kinda sounds the same as the CB intruders on on 10 meters with heterodyne with watery audio. Didn't find anything on this doing search on group.

Any ideas?
Mike
WB?~GOA

10698. Re: AM Birdies on TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-04 17:23:50 UTC
From: avvidclif
Topic: 10696 Message: 10698

Have you bypassed the AM broadcast band attenuator? If so take out the jumper.

If not check D4 and D5 on the RF Unit for leakage.

Clif

--- In TS-850_450_690@yahoogroups.com, "aero4rf" <aero4rf@...> wrote:
>
> I seem to be hearing AM broadcast signals on 160, 80, and higher bands. They are mixed in with normal signals in 10 Khz steps on RX. Kinda sounds the same as the CB intruders on on 10 meters with heterodyne with watery audio. Didn't find anything on this doing search on group.
>
> Any ideas?
> Mike
> WBÃ☐GOA
>

10699. Re: AM Birdies on TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-04 20:34:31 UTC
From: aero4rf
Topic: 10696 Message: 10699

The antenna is a 130' longwire with elevated radials. Use mostly on 160 meters. The nearest AM are 25 miles away with nothing over a 1 KW day and around 120 watts night. Attenuator working on 500 Khz to 1705Khz. I will need to D4 and D5 per Clif's suggestions.
Not happening now at 3:30 PM here now, but usually in evenings on many bands.

Mike
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Have you bypassed the AM broadcast band attenuator? If so take out the jumper.
>
> If not check D4 and D5 on the RF Unit for leakage.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "aero4rf" <aero4rf@> wrote:
> >
> > I seem to be hearing AM broadcast signals on 160, 80, and higher bands. They are mixed in with normal signals in 10 Khz steps on RX. Kinda sounds the same as the CB intruders on on 10 meters with heterodyne with watery audio. Didn't find anything on this doing search on group.
> >
> > Any ideas?
> > Mike
> > WBÃ□GOA
> >
>

10700. Re: AM Birdies on TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-05 08:50:17 UTC
From: Alex
Topic: 10696 Message: 10700

Follow Clif advise on the diode, i repaired same problem as advise also by Clif on a TS850 hearing AM Broadcast band, especially if you are near the transmitting station. It a RLS135 on the RF board, check all diode of the same type on the RF board.

Good luck

Alex
--- In TS-850_450_690@yahoogroups.com, "aero4rf" <aero4rf@...> wrote:
>
>
>
>
> The antenna is a 130' longwire with elevated radials. Use mostly on 160 meters. The nearest AM are 25 miles away with nothing over a 1 KW day and around 120 watts night. Attenuator working on 500 Khz to 1705Khz. I will need to D4 and D5 per Clif's suggestions.
> Not happening now at 3:30 PM here now, but usually in evenings on many bands.
>
> Mike
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Have you bypassed the AM broadcast band attenuator? If so take out the jumper.
> >
> > If not check D4 and D5 on the RF Unit for leakage.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "aero4rf" <aero4rf@> wrote:
> > >
> > > I seem to be hearing AM broadcast signals on 160, 80, and higher bands. They are mixed in with normal signals in 10 Khz steps on RX. Kinda sounds the same as the CB intruders on on 10 meters with heterodyne with watery audio. Didn't find anything on this doing search on group.
> > >
> > > Any ideas?
> > > Mike
> > > WBÃ☐GOA
> > >
> >
>

10701. For Sale - TS-850 with InRad Filters, Power Supply and Speaker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-05 23:06:01 UTC
From: Alan
Topic: 10696 Message: 10701

I am posting this for a friend. He has For Sale a Kenwood TS-850 with a 400 Hz InRad filter and Inrad Roofing Filter and a matching Kenwood PS-52 power supply and a SP-230 speaker. All in excellent condition from a non-smoking ham. Price is $850 including shipping (CONUS) only.
Will send pix on request. For more info, I'm good in QRZ.com. Al, K4DEY

10702. TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-10 21:42:33 UTC
From: Jon Wollerman
Topic: 10702 Message: 10702

Hi to all. I'm new to the group with an ailing TS-450 with a RCV problem. The rcvr cuts in and out very frequently so as to render it unusable. Xmit works OK. I found a definite cold solder joint on the short wire on the switch board which connects the board input/output to the ant output SO-239 receptacle, as explained in one of the emails from this group, item #9934 by Alex. The wire was in fact loose in it's solder joint. I thought I had it nailed down. But now don't know where to go from here. Any help would be greatly appreciated, and thanks in advance.

jwollerman@...
Jon Wollerman/W4HWM

[Non-text portions of this message have been removed]

10703. RE: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-10 22:12:26 UTC
From: Dave Gmail
Topic: 10702 Message: 10703

Are you talking about actual signal cutting in and out or the audio only.
Could the squelch knob have been turned, rf gain turned down.

Could it be actually your antenna causing the trouble

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jon Wollerman
Sent: October-10-11 5:43 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Hi to all. I'm new to the group with an ailing TS-450 with a RCV problem.
The rcvr cuts in and out very frequently so as to render it unusable. Xmit
works OK. I found a definite cold solder joint on the short wire on the
switch board which connects the board input/output to the ant output
SO-239 receptacle, as explained in one of the emails from this group, item
#9934 by Alex. The wire was in fact loose in it's solder joint. I thought
I had it nailed down. But now don't know where to go from here. Any help
would be greatly appreciated, and thanks in advance.

jwollerman@...
Jon Wollerman/W4HWM

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

10704. Re: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-10 22:16:54 UTC
From: Tom Osborne
Topic: 10702 Message: 10704

Hi Jon

Does it do it on more than 1 antenna? If just 1 antenna, it might be a bad connection at the coax connector, or a bad jumper. that will sure do it.
73
Tom W7WHY

Hi to all. I'm new to the group with an ailing TS-450 with a RCV problem. The rcvr cuts in and out very frequently so as to render it unusable. Xmit works OK. I found a definite cold solder joint on the short wire on the switch board which connects the board input/output to the ant output SO-239 receptacle, as explained in one of the emails from this group, item #9934 by Alex. The wire was in fact loose in it's solder joint. I thought I had it nailed down. But now don't know where to go from here. Any help would be greatly appreciated, and thanks in advance.

10705. Re: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-11 14:58:36 UTC
From: Jon Wollerman
Topic: 10702 Message: 10705

Thanks to the guys who responded to my rcvr sensitivity problem. Operator controls are set correctly. Spkr/phones plug switch contacts appear ok. I gave them a quick shot of anti-oxidant spray. Ant (dipole) works ok with another xcvr. I went back to the previous cold solder joint, on the Switching board, at the ant input from the SO-239. This time I removed all the old solder and scratched the crud off the copper land on the cb so as to see clean copper. I installed a new piece of stranded wire from the SO-239 to the clean land of the cb and it appears to work ok now. Hypothetical question: what if the problem is with one of the sealed switches on the Switch board? Are new/used boards available anywhere? It doesn't look like any of the sealed switches/relays, are replaceable. Does one simply send the radio out somewhere to get it repaire? Or is it time to get another xcvr? The TS-450 has been a super reliable radio for
21 years.
Thanks,
Jon/W4HWM

From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 10, 2011 6:12 PM
Subject: RE: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Are you talking about actual signal cutting in and out or the audio only.
Could the squelch knob have been turned, rf gain turned down.

Could it be actually your antenna causing the trouble

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jon Wollerman
Sent: October-10-11 5:43 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Hi to all. I'm new to the group with an ailing TS-450 with a RCV problem.
The rcvr cuts in and out very frequently so as to render it unusable. Xmit
works OK. I found a definite cold solder joint on the short wire on the
switch board which connects the board input/output to the ant output
SO-239 receptacle, as explained in one of the emails from this group, item
#9934 by Alex. The wire was in fact loose in it's solder joint. I thought
I had it nailed down. But now don't know where to go from here. Any help
would be greatly appreciated, and thanks in advance.

jwollerman@...
Jon Wollerman/W4HWM

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...ahoo! Groups Links

[Non-text portions of this message have been removed]

10706. Re: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-11 15:30:43 UTC
From: Jordan
Topic: 10702 Message: 10706

Jon....

I'd tend to think that the problem was the original connection to the SO-239 was faulty...I had the same issue myself...
The 450s has an excellent receiver, and is 'quieter' than my 850S.....

73...Jordan...VE6ZT

----- Original Message -----
From: Jon Wollerman
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 11, 2011 8:58 AM
Subject: Re: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Thanks to the guys who responded to my rcvr sensitivity problem. Operator controls are set correctly. Spkr/phones plug switch contacts appear ok. I gave them a quick shot of anti-oxidant spray. Ant (dipole) works ok with another xcvr. I went back to the previous cold solder joint, on the Switching board, at the ant input from the SO-239. This time I removed all the old solder and scratched the crud off the copper land on the cb so as to see clean copper. I installed a new piece of stranded wire from the SO-239 to the clean land of the cb and it appears to work ok now. Hypothetical question: what if the problem is with one of the sealed switches on the Switch board? Are new/used boards available anywhere? It doesn't look like any of the sealed switches/relays, are replaceable. Does one simply send the radio out somewhere to get it repaire? Or is it time to get another xcvr? The TS-450 has been a super reliable radio for
21 years.
Thanks,
Jon/W4HWM

From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 10, 2011 6:12 PM
Subject: RE: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Are you talking about actual signal cutting in and out or the audio only.
Could the squelch knob have been turned, rf gain turned down.

Could it be actually your antenna causing the trouble

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jon Wollerman
Sent: October-10-11 5:43 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450 INTERMITTENT SENSITIVITY PROBLEM DURING RCV

Hi to all. I'm new to the group with an ailing TS-450 with a RCV problem. The rcvr cuts in and out very frequently so as to render it unusable. Xmit works OK. I found a definite cold solder joint on the short wire on the switch board which connects the board input/output to the ant output SO-239 receptacle, as explained in one of the emails from this group, item #9934 by Alex. The wire was in fact loose in it's solder joint. I thought I had it nailed down. But now don't know where to go from here. Any help would be greatly appreciated, and thanks in advance.

jwollerman@...
Jon Wollerman/W4HWM

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10707. RCVR SENSITIVITY PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-13 19:29:00 UTC
From: Jon Wollerman
Topic: 10707 Message: 10707

My thanks to all who responded to my ts-450 sensitivity/cutting out problem. I thought I had fixed the problem by fixing a cold solder joint at ant input to the circuit board from the SO-239 center terminal. That was only part of the problem. As some of you out there suggested, I checked the solder terminals out on the antenna and sure enough, a wire connecting the balun to the ladderline had another bad solder connection. Last year when I installed a ladderline support, I noticed both of the wires were not bright copper colored, but much darker. The solder did not stick very good and in the FL corrosive humidity/weather, the joint failed. I will get some new ladderline plus install new leads on the balun and that should fix the problem for good.
Thanks again for the good help and advice.

Jon/W4HWM

[Non-text portions of this message have been removed]

10708. RE: [TS-850_450_690] RCVR SENSITIVITY PROBLEM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-13 23:47:57 UTC
From: Richard Schmuke
Topic: 10707 Message: 10708

To Jon and anyone new to soldering. The next time you are in a auto parts store pick up a pad of 3M Scotch Brite , maroon colored. There is nothing better to slick up a copper wire or clean the SS kitchen sink with than Scotch Brite.

Rich , KDØZZ , ☺

Disclaimer: Any errors in spelling or facts are transmission errors.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jon Wollerman
Sent: Thursday, October 13, 2011 2:29 PM
To: TS-850_450_690_Grp
Subject: [TS-850_450_690] RCVR SENSITIVITY PROBLEM

My thanks to all who responded to my ts-450 sensitivity/cutting out problem. I thought I had fixed the problem by fixing a cold solder joint at ant input to the circuit board from the SO-239 center terminal. That was only part of the problem. As some of you out there suggested, I checked the solder terminals out on the antenna and sure enough, a wire connecting the balun to the ladderline had another bad solder connection. Last year when I installed a ladderline support, I noticed both of the wires were not bright copper colored, but much darker. The solder did not stick very good and in the FL corrosive humidity/weather, the joint failed. I will get some new ladderline plus install new leads on the balun and that should fix the problem for good.
Thanks again for the good help and advice.

Jon/W4HWM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10709. Re: RCVR SENSITIVITY PROBLEM - soldering corroded wires.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-17 03:08:07 UTC
From: w8nf
Topic: 10707 Message: 10709

I have used muriatic acid. This is used as a concrete cleaner on poolsides. An auto mechanic recommended it for badly corroded battery cables. The auto battery cable in question was a braided mix of many copper strands, and had green growth on it from corrosion. Per his suggestion, I cut off the connector, dipped the still-filthy end in the muriatic acid and removed in just seconds. The copper does not come out shiny, because nothing was done to polish it. However, every last remnant of corrosion was gone and the "dull" but obviously copper color, was caused by the micro-pitting from the former corrosion. The new connector was intended to be soldered, and this wire took up solder like it was made of flux.

Careful, though...this stuff is strong, and should be used only outdoors.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Richard Schmuke" <rdj@...> wrote:
>
> To Jon and anyone new to soldering. The next time you are in a auto parts store pick up a pad of 3M Scotch Brite , maroon colored. There is nothing better to slick up a copper wire or clean the SS kitchen sink with than Scotch Brite.
>
>
>
> Rich , KDÃ□ZZ , â□º
>
> Disclaimer: Any errors in spelling or facts are transmission errors.
>
>
>
>
>
>
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jon Wollerman
> Sent: Thursday, October 13, 2011 2:29 PM
> To: TS-850_450_690_Grp
> Subject: [TS-850_450_690] RCVR SENSITIVITY PROBLEM
>
>
>
>
>
> My thanks to all who responded to my ts-450 sensitivity/cutting out problem. I thought I had fixed the problem by fixing a cold solder joint at ant input to the circuit board from the SO-239 center terminal. That was only part of the

problem. As some of you out there suggested, I checked the solder terminals out on the antenna and sure enough, a wire connecting the balun to the ladderline had another bad solder connection. Last year when I installed a ladderline support, I noticed both of the wires were not bright copper colored, but much darker. The solder did not stick very good and in the FL corrosive humidity/weather, the joint failed. I will get some new ladderline plus install new leads on the balun and that should fix the problem for good.
> Thanks again for the good help and advice.
>
> Jon/W4HWM
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10710. TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-17 03:54:06 UTC
From: Harvey
Topic: 10710 Message: 10710

I was listening on 80m ssb and the receiver went almost dead. On AM i can receive fine. any ideas?

10711. RE: [TS-850_450_690] TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-17 21:14:07 UTC
From: Dave Gmail
Topic: 10710 Message: 10711

How are the other bands??? Did you tap the aip, or either of the
attenuators switches.

Is your antenna still in the air.

Check obvious first, then decide if the radio is at fault

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Harvey
Sent: October-16-11 11:54 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 almost dead audio on ssb

I was listening on 80m ssb and the receiver went almost dead. On AM i can
receive fine. any ideas?

THANKS FOR USING TS-850_450_690@...! Groups Links

10712. Re: [TS-850_450_690] TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-17 21:40:47 UTC
From: Harvey Bauss
Topic: 10710 Message: 10712

I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
----- Original Message -----
From: Dave Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 17, 2011 5:14 PM
Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb

How are the other bands??? Did you tap the aip, or either of the
attenuators switches.

Is your antenna still in the air.

Check obvious first, then decide if the radio is at fault

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Harvey
Sent: October-16-11 11:54 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 almost dead audio on ssb

I was listening on 80m ssb and the receiver went almost dead. On AM i can
receive fine. any ideas?

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

10713. Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-17 21:53:41 UTC
From: avvidclif
Topic: 10710 Message: 10713

If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's are they 6631 or 66312?

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
> ----- Original Message -----
> From: Dave Gmail
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 17, 2011 5:14 PM
> Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
>
>
>
> How are the other bands??? Did you tap the aip, or either of the
> attenuators switches.
>
> Is your antenna still in the air.
>
> Check obvious first, then decide if the radio is at fault
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Harvey
> Sent: October-16-11 11:54 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
>
> I was listening on 80m ssb and the receiver went almost dead. On AM i can
> receive fine. any ideas?
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10714. Another very happy AVVID rescued TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-18 13:57:38 UTC
From: William C. Johnson
Topic: 10714 Message: 10714

Finally got the TS-450S fired up to see how it was working after a visit to AVVID.

It left dead and returned very much alive. Nice radio, I bought it and 5 minutes after turning it on it died.

I messed with it and had no luck. Contacted AVVID and Clif tried to keep me from sending it to him.

He spent two or three days coaching me on things to try before he finally gave in to my whimpering and let me send it to him.

I was first licensed in Ham Radio in 1960 working with Clif reminded me of all the Elmer's I have had over the years.

Clif was not overly cuddly but he was every bit the tutor and technician no BS just results.

Dealing with Clif was every bit the best service experience I have had in these times.

He even told me what he found, Wow that was refreshing.

Bill Johnson
K7BRR

[Non-text portions of this message have been removed]

10715. Re: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-19 02:35:42 UTC
From: Harvey Bauss
Topic: 10710 Message: 10715

Clif,
No leaking capacitors, and the DDS's are 6631. How do I tell if one of these chips is bad? Any other suggestions
Harvey
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 17, 2011 5:53 PM
Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's are they 6631 or 66312?

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
> ----- Original Message -----
> From: Dave Gmail
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 17, 2011 5:14 PM
> Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
>
>
>
> How are the other bands??? Did you tap the aip, or either of the
> attenuators switches.
>
> Is your antenna still in the air.
>
> Check obvious first, then decide if the radio is at fault
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Harvey
> Sent: October-16-11 11:54 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
>
> I was listening on 80m ssb and the receiver went almost dead. On AM i can
> receive fine. any ideas?
>

> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10716. Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-19 15:32:51 UTC
From: avvidclif
Topic: 10710 Message: 10716

You need a frequency counter to find out for sure.

Set the radio to 14.200 USB and measure the following;
LO-1 4.748390 mHZ IC1
LO-3 8.375139 mHZ IC2
Car 456478 kHZ IC4 Most likely.

all are plus/minus 1-200 hz depending on reference oscillator.

If one of them goes bad the frequency will be way off if it exists.

Clif

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> Clif,
> No leaking capacitors, and the DDS's are 6631. How do I tell if one of these chips is bad? Any other suggestions
> Harvey
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 17, 2011 5:53 PM
> Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
>
>
>
> If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's are they 6631 or 66312?
>
> --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> >
> > I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
> > ----- Original Message -----
> > From: Dave Gmail
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, October 17, 2011 5:14 PM
> > Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
> >
> >
> >
> > How are the other bands??? Did you tap the aip, or either of the

> > attenuators switches.
> >
> > Is your antenna still in the air.
> >
> > Check obvious first, then decide if the radio is at fault
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of Harvey
> > Sent: October-16-11 11:54 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
> >
> > I was listening on 80m ssb and the receiver went almost dead. On AM i can
> > receive fine. any ideas?
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10717. TS-850S receiver overload

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-19 20:09:01 UTC
From: pa3ezl
Topic: 10717 Message: 10717

Hello,

After some years of having kept my TS850S in a box I recently fired it up. I noticed the receiver would overload with all sorts of "image" signals (AM broadcast but also HAM RADIO CW). This condition goes virtually away after selecting 12-18dB of attenuation, sometimes (at night) I need AIP as well. The higher the frequency band the less attenuation I need to remove the "images". I can't tell what the exact location (freq) of the image sources is, most likely below 20meters.

Any ideas what might be wrong?

73
-- Aurelio ex-PA3EZL, now PC5A

10718. Re: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-19 21:59:30 UTC
From: Harvey Bauss
Topic: 10710 Message: 10718

Clif,
Are your decimal points in the correct place?
Harvey
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 19, 2011 11:32 AM
Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

You need a frequency counter to find out for sure.

Set the radio to 14.200 USB and measure the following;
LO-1 4.748390 mHZ IC1
LO-3 8.375139 mHZ IC2
Car 456478 kHZ IC4 Most likely.

all are plus/minus 1-200 hz depending on reference oscillator.

If one of them goes bad the frequency will be way off if it exists.

Clif

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> Clif,
> No leaking capacitors, and the DDS's are 6631. How do I tell if one of these chips is bad? Any other suggestions
> Harvey
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 17, 2011 5:53 PM
> Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
>
>
>
> If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's are they 6631 or 66312?
>
> --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> >
> > I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey

> > ----- Original Message -----
> > From: Dave Gmail
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, October 17, 2011 5:14 PM
> > Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
> >
> >
> >
> > How are the other bands??? Did you tap the aip, or either of the
> > attenuators switches.
> >
> > Is your antenna still in the air.
> >
> > Check obvious first, then decide if the radio is at fault
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of Harvey
> > Sent: October-16-11 11:54 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
> >
> > I was listening on 80m ssb and the receiver went almost dead. On AM i can
> > receive fine. any ideas?
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10719. Re: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-20 03:31:33 UTC
From: Harvey Bauss
Topic: 10710 Message: 10719

Clif,
I just measured the frequencies and here is what I got:
LO-1 4.748594MHz
LO-3 8.375055MHz
CAR 456.426 KHz
But now it is working, I think I have an intermittent problem or a temp problem. It did this a few days ago after I let it set overnight it came back on, but the next day it was dead.
You replaced C1 on the CAR board and D31 on the RF board about 2 years ago.
what do you think?
Harvey

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 19, 2011 11:32 AM
Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

You need a frequency counter to find out for sure.

Set the radio to 14.200 USB and measure the following;
LO-1 4.748390 mHZ IC1
LO-3 8.375139 mHZ IC2
Car 456478 kHZ IC4 Most likely.

all are plus/minus 1-200 hz depending on reference oscillator.

If one of them goes bad the frequency will be way off if it exists.

Clif

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> Clif,
> No leaking capacitors, and the DDS's are 6631. How do I tell if one of these chips is bad? Any other suggestions
> Harvey
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, October 17, 2011 5:53 PM
> Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
>
>
>
> If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's

are they 6631 or 66312?
>
> --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> >
> > I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
> > ----- Original Message -----
> > From: Dave Gmail
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, October 17, 2011 5:14 PM
> > Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
> >
> >
> >
> > How are the other bands??? Did you tap the aip, or either of the
> > attenuators switches.
> >
> > Is your antenna still in the air.
> >
> > Check obvious first, then decide if the radio is at fault
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of Harvey
> > Sent: October-16-11 11:54 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
> >
> > I was listening on 80m ssb and the receiver went almost dead. On AM i can
> > receive fine. any ideas?
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10720. Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-20 15:33:02 UTC
From: avvidclif
Topic: 10710 Message: 10720

Now you need for it to quit so you can check them again. If it's a DDS IC I've never had any luck with heat or freeze affecting them. They quit when they want to.

Clif

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> Clif,
> I just measured the frequencies and here is what I got:
> LO-1 4.748594MHz
> LO-3 8.375055MHz
> CAR 456.426 KHz
> But now it is working, I think I have an intermittent problem or a temp problem. It did this a few days ago after I let it set overnight it came back on, but the next day it was dead.
> You replaced C1 on the CAR board and D31 on the RF board about 2 years ago.
> what do you think?
> Harvey
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 19, 2011 11:32 AM
> Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
>
>
>
> You need a frequency counter to find out for sure.
>
> Set the radio to 14.200 USB and measure the following;
> LO-1 4.748390 mHZ IC1
> LO-3 8.375139 mHZ IC2
> Car 456478 kHZ IC4 Most likely.
>
> all are plus/minus 1-200 hz depending on reference oscillator.
>
> If one of them goes bad the frequency will be way off if it exists.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> >
> > Clif,
> > No leaking capacitors, and the DDS's are 6631. How do I tell if one of these chips is bad? Any other suggestions

> > Harvey
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, October 17, 2011 5:53 PM
> > Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
> >
> >
> >
> > If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's are they 6631 or 66312?
> >
> > --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> > >
> > > I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
> > > ----- Original Message -----
> > > From: Dave Gmail
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Monday, October 17, 2011 5:14 PM
> > > Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
> > >
> > >
> > >
> > > How are the other bands??? Did you tap the aip, or either of the
> > > attenuators switches.
> > >
> > > Is your antenna still in the air.
> > >
> > > Check obvious first, then decide if the radio is at fault
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of Harvey
> > > Sent: October-16-11 11:54 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
> > >
> > > I was listening on 80m ssb and the receiver went almost dead. On AM i can
> > > receive fine. any ideas?
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >

> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10721. Re: TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-21 04:09:38 UTC
From: Ramon DU1FV
Topic: 10654 Message: 10721

Hello everyone! I have here on the workbench an old ts-850.It also suffers from this "difficult to find" viewing angle problem. We have another ts-850 at the club and its display is a lot better. I took a look at the display board and found C18 has already been replaced and some work has been done on the traces.C18 was replaced with a 470u 16v unit. The LCD panel looked like the top layer of plastic has a slightly crinkled surface as if subjected to overheating or bad chemical cleaner. The display back light works but seems a tad "yellowish"

My questions are:
1. Does the fluorescent lamp really turns yellowish with age?

2. I tried measuring the voltage across the cfl tube but could not get much. I hear a soft screeching sound when i touch the voltmeter probe onto it though, as if arcing is present somehwere

3. Is it possible that the top plastic layer is a plastic polarized sheet and the crinkling has distorted it rendering it ineffecient?

4. Has anyone with this display problem tried looking at the display through a pair of POLARIZED SUNGLASSES or polarized plastic sheet?

5. Is it possible that the lcd is "worn out"as a result from uv from the backlight? I read in the internet somewhere that lcd projector turns yellow with age because of LCD degradation with uv.

I am excited about number 4 above, I am praying a piece of polarized sheet on top of the lcd might help but i have no polarized lenses around to test. Maybe you might have your fly fishing glasses handy!

Thanks for reading this long post!

Mon DU1FV

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> It sounds like the display itself is working correctly but the florescent tube that is used for lighting is not working. You should have around 300v going to the tube itself generated by the inverter. The inverter power line is one of the affected by the leaking cap(s).
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> >
> > Hi Roland
> >

> > Thank you for the answer, currently the display of the 850 is working only it can not be viewed directly you need to find a good view angle in able to see the content of the display. The board was already repaired for cut and shorts. Now my issue is the view angle of the glass lcd it self. I was hoping if some one have some repair or restoring technicque with the glass lcd not on the pcb board.
> >
> > Thank you & 73
> >
> > Alex
> > DV1TBX

10722. TS 450S RF gain receive issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-23 00:48:00 UTC
From: thairadio99
Topic: 10722 Message: 10722

Today my radio has a new issue. After being in storage for a year i put it back in service. It had low volume and i changed the leaky capacitor. The radio worked good for about a month. Now this morning i powered up the radio and the S meter is full scale. This would be similar to rotating the RF gain ccw. Of course i have no receive but i can briefly hear rx if i go from tx to rx. One time i changed bands and the rx came back but the s meter slowly went to full scale and no rx. Ok thank you in advance

10723. TS 450S RF gain receive issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-23 00:43:23 UTC
From: thairadio99
Topic: 10722 Message: 10723

Today my radio has a new issue. After being in storage for a year i put it back in service. It had low volume and i changed the leaky capacitor. The radio worked good for about a month. Now this morning i powered up the radio and the S meter is full scale. This would be similar to rotating the RF gain ccw. Of course i have no receive but i can briefly hear rx if i go from tx to rx. One time i changed bands and the rx came back but the s meter slowly went to full scale and no rx. Ok thank you in advance

10724. Re: TS 450S RF gain receive issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-23 16:29:37 UTC
From: Rob
Topic: 10722 Message: 10724

Hi there

The audio output cap has the agc line running right alongside or underneath it. What has happened is that the liquid from the output cap has leaked onto the tracks. Because it is corrosive and conductive, you need to clean the board around in the area of the audio cap thoroughly and check that none of the tracks or thru-holes are corroded. I used lacquer thinners on an small stiff artist brush to clean around this area - careful, this stuff softens certain plastics.
Good luck - its a common fault on these rigs.

73

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
> Today my radio has a new issue. After being in storage for a year i put it back in service. It had low volume and i changed the leaky capacitor. The radio worked good for about a month. Now this morning i powered up the radio and the S meter is full scale. This would be similar to rotating the RF gain ccw. Of course i have no receive but i can briefly hear rx if i go from tx to rx. One time i changed bands and the rx came back but the s meter slowly went to full scale and no rx. Ok thank you in advance
>

10725. Re: TS 450S RF gain receive issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-23 19:16:40 UTC
From: james
Topic: 10722 Message: 10725

I all so have the same PROB..... low vol... been working great till i turned on last night,,,, what board is that audio cap on and all so what other boards in the radio should i check for those leaking caps i know there is a couple of spots of troube in the 850 while i have it apart???????// sincerely Harold n5tog

[Non-text portions of this message have been removed]

10726. Re: TS 450S RF gain receive issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 01:41:24 UTC
From: Alex
Topic: 10722 Message: 10726

AGC problem, same with my TS690 when i experience leaking audio capacitor. Clean the near by area where you replace the capacitor, usually you must remove the murata filters (black cube plastic) clean under it with a cleaner, i use ethyl alcohol to remove the acid leaked from the capcitor, you need to clean the area very well to remove or clean the acid. When fully dried, you can hot air blow the cleaned area on the PCB. The acid shorts the AGC line to ground making the meter moves to full scale and down when the radio warms up.

Good luck & 73
Alex

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
> Today my radio has a new issue. After being in storage for a year i put it back in service. It had low volume and i changed the leaky capacitor. The radio worked good for about a month. Now this morning i powered up the radio and the S meter is full scale. This would be similar to rotating the RF gain ccw. Of course i have no receive but i can briefly hear rx if i go from tx to rx. One time i changed bands and the rx came back but the s meter slowly went to full scale and no rx. Ok thank you in advance
>

10727. Re: [TS-850_450_690] Re: TS 450S RF gain receive issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 10:39:04 UTC
From: Rodrigo
Topic: 10722 Message: 10727

Hello all,

I have the same issue with my TS-450SAT...I will try that and see what happens

Anymore hints would be greatly appreciated.

73 Rod

----- Original Message -----
From: Alex
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 23, 2011 11:41 PM
Subject: [TS-850_450_690] Re: TS 450S RF gain receive issue

AGC problem, same with my TS690 when i experience leaking audio capacitor. Clean the near by area where you replace the capacitor, usually you must remove the murata filters (black cube plastic) clean under it with a cleaner, i use ethyl alcohol to remove the acid leaked from the capcitor, you need to clean the area very well to remove or clean the acid. When fully dried, you can hot air blow the cleaned area on the PCB. The acid shorts the AGC line to ground making the meter moves to full scale and down when the radio warms up.

Good luck & 73
Alex

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
> Today my radio has a new issue. After being in storage for a year i put it back in service. It had low volume and i changed the leaky capacitor. The radio worked good for about a month. Now this morning i powered up the radio and the S meter is full scale. This would be similar to rotating the RF gain ccw. Of course i have no receive but i can briefly hear rx if i go from tx to rx. One time i changed bands and the rx came back but the s meter slowly went to full scale and no rx. Ok thank you in advance
>

[Non-text portions of this message have been removed]

10728. ts-450 tuner modified for use with TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 09:30:07 UTC
From: Ramon DU1FV
Topic: 10728 Message: 10728

Hello!
Has anybody ever modified a ts-450 internal tuner for use with the ts-850s? I took a look at both radios at schematics and found similary labeled terminals but at different positions in the connectors. I have a junked 450 tuner that i could restore. At the very least, I could mount in a box with push buttons for controlling band, etc and use it as an external tuner. hihi. something to do when i get bored.
Tnx for reading.
Mon

10729. YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 17:07:35 UTC
From: villy.madsen
Topic: 10729 Message: 10729

Does anyone have any documentation on the DDS chips ??

I have this silly notion that it might be possible to reverse engineer the function of the CAR board using some of the modern DDS chips...

A complete definition of the inputs and outputs of the CAR board would be a simpler approach.

Probably tilting at windmills, but who knows...

Villy ve6sq

10730. Re: [TS-850_450_690] YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 17:10:34 UTC
From: John Faughn
Topic: 10729 Message: 10730

Villy ,
Just wanted to link to this question , just in case there is some info
on alternatives .
I do not need any at this time , but who knows what I'l find to fix later :)
John
KD0CAC
73

On Mon, Oct 24, 2011 at 12:07 PM, villy.madsen <Villy.Madsen@...> wrote:

> **
>
>
> Does anyone have any documentation on the DDS chips ??
>
> I have this silly notion that it might be possible to reverse engineer the
> function of the CAR board using some of the modern DDS chips...
>
> A complete definition of the inputs and outputs of the CAR board would be a
> simpler approach.
>
> Probably tilting at windmills, but who knows...
>
> Villy ve6sq
>
>
>

[Non-text portions of this message have been removed]

10731. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 18:51:57 UTC
From: avvidclif
Topic: 10729 Message: 10731

Good luck, AFAIK they were custom made for Kenwood by some chip mfg. I have never been able to find anything on the web.

If you need the analog levels and freq of each chip that I have. As far as the data????

Clif

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Does anyone have any documentation on the DDS chips ??
>
> I have this silly notion that it might be possible to reverse engineer the function of the CAR board using some of the modern DDS chips...
>
> A complete definition of the inputs and outputs of the CAR board would be a simpler approach.
>
> Probably tilting at windmills, but who knows...
>
> Villy ve6sq
>

10732. TS-850 communication issue with SteppIR SDA-100 controller

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 20:28:05 UTC
From: jlberry
Topic: 10732 Message: 10732

Does anyone use the SDA-100 with Kenwood TS-850S? I need help.

I have a new DB-18 with SDA-100. All is working well except for communication between the SDA-100 and my Kenwood TS-850S.
I have worked with SteppIR and verified the S-15 cable (6pin CAT to RS-232) is good.
The controller is set up for Kenwoood, 4800 baud, etc. It talks to the antenna just fine, just deaf to the radio.

The only mod to the radio was to open it up for MARS operation (clipped a diode I think, years ago) and the addition of two 500hz CW filters.

Appreciate any help or suggestions!

Jack
WE5ST

10733. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 19:58:07 UTC
From: Ramon DU1FV
Topic: 10729 Message: 10733

It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.

10734. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 21:20:25 UTC
From: villy.madsen
Topic: 10729 Message: 10734

Doesn't surprise me....

Hopefully it'll never be an issue for me - since I do have the xxxx2 chips in my Ts-850sat.

I've been looking at the diagram & reading the documentation - as thin as it is, and thinking that it shouldn't be that hard to do.

Using a 100 mhz capable DDS chip - that generates a sine wave should allow one to get rid of a fair bit of circuitry to begin with - e.g. the MCAR signal with it's ladder networks, choppers, ceramic filters etc.

I'm retiring in about 18 months - sounds like a good retirement project - if I can find a Ts-850 with a dud CAR board. (also give me an excuse to buy a scope, freq counter etc... although probably a lot cheaper to build the freq counter. Then a Data Capture Device of some kind....

One thing is apparent - dropping FM might simplify things a lot.

Well it would be an interesting challenge. It would little experimentation to discover the protocol between the cpu & the DDS chips. The safe approach would be to replace each of the DDS chips with a microprocessor & a modern DDS chip - although it should be possible to just use a single microcomputer to control all of the new DDS chips. I suspect that the reason for the present board using harmonic components was that they couldn't run the 6361s fast enough to generate the frequencies directly. Definitely not a problem with modern chips - which should simplify the boards quite a bit. The only gotcha that I see is the FM function that the existing chips support. It might not be an issue -

Something to give some more thought to. I wonder how many Kenwood's with bad CAR boards exist..??

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Good luck, AFAIK they were custom made for Kenwood by some chip mfg. I have never been able to find anything on the web.
>
> If you need the analog levels and freq of each chip that I have. As far as the data????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Does anyone have any documentation on the DDS chips ??
> >
> > I have this silly notion that it might be possible to reverse engineer the function of the CAR board using some of the modern DDS chips...

> >
> > A complete definition of the inputs and outputs of the CAR board would be a simpler approach.
> >
> > Probably tilting at windmills, but who knows...
> >
> > Villy ve6sq
> >
>

10735. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-24 22:08:57 UTC
From: avvidclif
Topic: 10729 Message: 10735

Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@...> wrote:
>
>
> It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.
>

10736. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 01:10:56 UTC
From: villy.madsen
Topic: 10729 Message: 10736

Yes indeed - therein lies the rub.

I think that I managed to get enough information out of a couple of the service manuals to at least make a start. If I find a really cheap TS-850 (with a shot CAR board) I might give it a try. Much of it seems straight forward, but there is something a little interesting in how CAR2 can load it's divisor from CAR1. If one would run into problems, it might be with how the FM is generated.

It makes sense to generate the rf at the required frequency - getting rid of the filters and multipliers on the CAR board. Needs thought

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> >
> >
> > It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.
> >
>

10737. Re: TS-850 communication issue with SteppIR SDA-100 controller

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 01:14:49 UTC
From: villy.madsen
Topic: 10732 Message: 10737

I had the same problem.

1) - have you bought or built an IF converter (take the logic levels from the radio to RS232 levels plus & minus 5 volts works)
2) (my problem) have you got the jumper in the rs232 connector that connects to the SDA100 ??? (in addition to the data pin & ground coming from the computer or the radio)

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "jlberry" <jlberry@...> wrote:
>
> Does anyone use the SDA-100 with Kenwood TS-850S? I need help.
>
> I have a new DB-18 with SDA-100. All is working well except for communication between the SDA-100 and my Kenwood TS-850S.
> I have worked with SteppIR and verified the S-15 cable (6pin CAT to RS-232) is good.
> The controller is set up for Kenwoood, 4800 baud, etc. It talks to the antenna just fine, just deaf to the radio.
>
> The only mod to the radio was to open it up for MARS operation (clipped a diode I think, years ago) and the addition of two 500hz CW filters.
>
> Appreciate any help or suggestions!
>
>
> Jack
> WE5ST
>

10738. Re: [TS-850_450_690] Re: TS-850 communication issue with SteppIR SDA-100 controller

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 01:56:33 UTC
From: Jack Berry
Topic: 10732 Message: 10738

Thanks for the response. You're obviously a lot more informed that me.
1) - not sure how to answer except to tell you what I have. I have only the S-15 cable purchased from SteppIR.
2) - in the RS-232 (S-15) connector housing, two sets of pine pins are jumpered. They are 3-4 and 7-9. Nothing jumpered on the six pin end of the cable is that's what you meant by: (in addition to the data pin & ground coming from the computer or the radio)

From: villy.madsen <Villy.Madsen@...>
To: TS-850_450_690@yahoogroups.com
Sent: Mon, October 24, 2011 8:14:49 PM
Subject: [TS-850_450_690] Re: TS-850 communication issue with SteppIR SDA-100 controller

I had the same problem.

1) - have you bought or built an IF converter (take the logic levels from the radio to RS232 levels plus & minus 5 volts works)
2) (my problem) have you got the jumper in the rs232 connector that connects to the SDA100 ??? (in addition to the data pin & ground coming from the computer or the radio)

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "jlberry" <jlberry@...> wrote:
>
> Does anyone use the SDA-100 with Kenwood TS-850S? I need help.
>
> I have a new DB-18 with SDA-100. All is working well except for communication
>between the SDA-100 and my Kenwood TS-850S.
> I have worked with SteppIR and verified the S-15 cable (6pin CAT to RS-232) is
>good.
>
> The controller is set up for Kenwoood, 4800 baud, etc. It talks to the antenna
>just fine, just deaf to the radio.
>
> The only mod to the radio was to open it up for MARS operation (clipped a diode
>I think, years ago) and the addition of two 500hz CW filters.
>
> Appreciate any help or suggestions!
>
>
> Jack
> WE5ST

>

[Non-text portions of this message have been removed]

10739. Re: [TS-850_450_690] Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 14:25:50 UTC
From: Anthony W. DePrato
Topic: 10729 Message: 10739

looks like what we need to do is find the design eng at kenwood who
worked on the 850's and wine and dine him for a copy of the spec sheets
lol..
73 Tony
well it was a thought hi hi.

At 02:51 PM 10/24/2011, avvidclif wrote:
>Good luck, AFAIK they were custom made for Kenwood by some chip mfg.
>I have never been able to find anything on the web.
>
>If you need the analog levels and freq of each chip that I have. As
>far as the data????
>
>Clif
>
>--- In TS-850_450_690@yahoogroups.com, "villy.madsen"
><Villy.Madsen@...> wrote:
> >
> > Does anyone have any documentation on the DDS chips ??
> >
> > I have this silly notion that it might be possible to reverse
> engineer the function of the CAR board using some of the modern DDS chips...
> >
> > A complete definition of the inputs and outputs of the CAR board
> would be a simpler approach.
> >
> > Probably tilting at windmills, but who knows...
> >
> > Villy ve6sq
> >
>
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988

CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10740. NEED ENCODER FOR TS-790A

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 14:17:14 UTC
From: Anthony W. DePrato
Topic: 10728 Message: 10740

>SUBJECT TELLS THE STORY Anyone that can help of know what company
>made the encoder

73 Tony

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10741. Re: [TS-850_450_690] Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 14:35:15 UTC
From: Anthony W. DePrato
Topic: 10729 Message: 10741

seems to me that you guys are on the right track . losing FM would
never be a problem for 850 or 950 users. if you got t have FM get a
cheap radio for that mode. i think there would be a good market for
the boards. kenwood sold a few boxcar loads of those radios. as far
as a scope goes i have a couple in the shop. will send you one when
your ready to get started.
73 Tony

At 06:08 PM 10/24/2011, avvidclif wrote:
>Nothing hard at all about building a board using state of the art
>DDS chips. It's getting the radio to talk to it so that it outputs
>the needed frequencies. There-in lies the rub.
>
>Clif
>
>--- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@...> wrote:
> >
> >
> > It is not a silly notion at all. I think it is just a matter of
> time before someone comes up with with a CAR board using availabe
> chips. It does take time to study the requirements and modify the
> design using available materials. Hams do this all the time. hihi.
> >
>
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10742. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 18:59:53 UTC
From: villy.madsen
Topic: 10729 Message: 10742

Sending me a scope could be expensive ! After further study of the manual and schematics, I think that what I need to do is to build a data analyser. I remember trying to get my boss to buy me one back in 1973. They wanted something like $10,000 for a ten channel 1kbit/channel data scope.. (didn't happen). Can probably whip up what I would need out of a couple of micro-computers. Now is someone had a ts850 with a dead car board that they would be willing to donate.....

Probably more of a job than I should be taking on before retirement (abt 18 months off). The more I look at it, the less of it a problem it appears to be (hopelessly optomistic!)

Villy ve6sq

Could probably do the same today with a

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
> seems to me that you guys are on the right track . losing FM would
> never be a problem for 850 or 950 users. if you got t have FM get a
> cheap radio for that mode. i think there would be a good market for
> the boards. kenwood sold a few boxcar loads of those radios. as far
> as a scope goes i have a couple in the shop. will send you one when
> your ready to get started.
> 73 Tony
>
>
> At 06:08 PM 10/24/2011, avvidclif wrote:
> >Nothing hard at all about building a board using state of the art
> >DDS chips. It's getting the radio to talk to it so that it outputs
> >the needed frequencies. There-in lies the rub.
> >
> >Clif
> >
> >--- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> > >
> > >
> > > It is not a silly notion at all. I think it is just a matter of
> > > time before someone comes up with with a CAR board using availabe
> > > chips. It does take time to study the requirements and modify the
> > > design using available materials. Hams do this all the time. hihi.
> > > >
> > >
> > >
> > >
> > >
> > >
> > >----------
> > >

> >THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> Anthony W. DePrato WA4JQS
> Since Sept 9th 1962
> CQ DX HALL OF FAME # 39
> DXCC HONOR ROLL
> FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> CALLS HELD
> VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> ZUT DE WA4JQS
>

10743. Re: [TS-850_450_690] Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 19:09:31 UTC
From: John Faughn
Topic: 10729 Message: 10743

Villy ,
Funny how we are always on the lookout for good working , trouble fee gear , now try to find a dead one , whats up with that :)
I bought mine from an estate , hadn't been used for 1 yr. + , had issues right off , replace caps on CAR board , then display acted up , a couple more caps , now an alignment ? / what ever , a little off frequency , but other wise works good .
On mine the chips were still good , so not a good candidate , but I'll keep an eye out and let you know .
John
KD0CAC
73

On Tue, Oct 25, 2011 at 1:59 PM, villy.madsen <Villy.Madsen@...> wrote:

> **
>
>
> Sending me a scope could be expensive ! After further study of the manual
> and schematics, I think that what I need to do is to build a data analyser.
> I remember trying to get my boss to buy me one back in 1973. They wanted
> something like $10,000 for a ten channel 1kbit/channel data scope.. (didn't
> happen). Can probably whip up what I would need out of a couple of
> micro-computers. Now is someone had a ts850 with a dead car board that they
> would be willing to donate.....
>
> Probably more of a job than I should be taking on before retirement (abt
> 18 months off). The more I look at it, the less of it a problem it appears
> to be (hopelessly optomistic!)
>
> Villy ve6sq
>
> Could probably do the same today with a
>
> --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...>
> wrote:
> >
> > seems to me that you guys are on the right track . losing FM would
> > never be a problem for 850 or 950 users. if you got t have FM get a
> > cheap radio for that mode. i think there would be a good market for
> > the boards. kenwood sold a few boxcar loads of those radios. as far
> > as a scope goes i have a couple in the shop. will send you one when
> > your ready to get started.
> > 73 Tony
> >

> >
> > At 06:08 PM 10/24/2011, avvidclif wrote:
> > >Nothing hard at all about building a board using state of the art
> > >DDS chips. It's getting the radio to talk to it so that it outputs
> > >the needed frequencies. There-in lies the rub.
> > >
> > >Clif
> > >
> > >--- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> > > >
> > > >
> > > > It is not a silly notion at all. I think it is just a matter of
> > > time before someone comes up with with a CAR board using availabe
> > > chips. It does take time to study the requirements and modify the
> > > design using available materials. Hams do this all the time. hihi.
> > > >
> > >
> > >
> > >
> > >
> > >
> > >------------------------------------
> > >
> > >THANKS FOR USING TS-850_450_690@...! Groups Links
>
> > >
> > >
> > >
> > Anthony W. DePrato WA4JQS
> > Since Sept 9th 1962
> > CQ DX HALL OF FAME # 39
> > DXCC HONOR ROLL
> > FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> > CALLS HELD
> > VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> > ZUT DE WA4JQS
> >
>
>
>

[Non-text portions of this message have been removed]

10744. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-25 23:44:15 UTC
From: avvidclif
Topic: 10729 Message: 10744

Fm is done on the PLL board by modulating the Het osc to generate FM
and as long as the common data stream is not changed it will be fine. You have to figure out the data stream to the DDS chips and how to use it. IC3 on the Car unit is for the monitor circuit.

Clif

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Yes indeed - therein lies the rub.
>
> I think that I managed to get enough information out of a couple of the service manuals to at least make a start. If I find a really cheap TS-850 (with a shot CAR board) I might give it a try. Much of it seems straight forward, but there is something a little interesting in how CAR2 can load it's divisor from CAR1. If one would run into problems, it might be with how the FM is generated.
>
> It makes sense to generate the rf at the required frequency - getting rid of the filters and multipliers on the CAR board. Needs thought
>
> Villy ve6sq
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> > >
> > >
> > > It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.
> > >
> > >
> >
>

10745. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 03:04:41 UTC
From: villy.madsen
Topic: 10729 Message: 10745

OK on that.. although it appears that one of the CARs is used to generate sub audible tones for FM.

The thoughts that I currently have are to:
1) Run the 20mhz feed to the CAR board through a couple of frequency doublers to take it up to 80 mhz. At the same time, this will turn the signal into a square wave - not a problem.

In place of the existing DDS use Analogue Devices DDS chips.
They will take the 80 mhz clock quite nicely and directly generate the required frequencies (nice sine waves) (obviating the need for the frequency multiplication & filtering that currently takes place.

Will likely need some micro support to convert the existing data stream into what is required for the AD chips. Might need a micro for each of the DDS - probably the safe approach.

One DDS might be able to do the work of the bottom 2 CAR chips on the diagram - I need to think some more on that one.

would be neat if it could be made to work.

Villy

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Fm is done on the PLL board by modulating the Het osc to generate FM
> and as long as the common data stream is not changed it will be fine. You have to figure out the data stream to the DDS chips and how to use it. IC3 on the Car unit is for the monitor circuit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Yes indeed - therein lies the rub.
> >
> > I think that I managed to get enough information out of a couple of the service manuals to at least make a start. If I find a really cheap TS-850 (with a shot CAR board) I might give it a try. Much of it seems straight forward, but there is something a little interesting in how CAR2 can load it's divisor from CAR1. If one would run into problems, it might be with how the FM is generated.
> >
> > It makes sense to generate the rf at the required frequency - getting rid of the filters and multipliers on the CAR board. Needs thought
> >
> > Villy ve6sq
> >

> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> > > >
> > > >
> > > > It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.
> > > >
> > >
> > >
> >
>

10746. ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 03:05:51 UTC
From: thairadio99
Topic: 10746 Message: 10746

I ordered a headset with a boom mic of ebay....It is a audio comm pro. It comes with a adapter that converts the ts450s mic to accept the pink and green computer style conectors....The adapter is wired as follows...

red/white pin 1
braid pin 7
resistor pin 1 to pin 5 value = 23k

Here is the problem detailed

1. test vox with factory mic 100% working
2. plug in pro headphone jack ... headphones working 100%
3. plug in adapter with pro mic
4. speak in to pro boom mic the radio key vox active working 100%
5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio stays keyed.
6. Disconnect pink connector (mic) from adapter radio stays keyed
7. Remove adapter radio unkeys

thank you in advance

10747. Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 16:51:58 UTC
From: VA3UE
Topic: 10746 Message: 10747

Pin 5 appears to be 8VDC. Perhaps the headset uses an electret condensor mic element and needs V+ to function. You would think that the audio would be decoupled inside the rig at some point with a capacitor so that the voltage applied from the resistor wouldn't keep it keyed. Perhaps add a cap at the audio input pin?

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
> I ordered a headset with a boom mic of ebay....It is a audio comm pro. It comes with a adapter that converts the ts450s mic to accept the pink and green computer style conectors....The adapter is wired as follows...
>
> red/white pin 1
> braid pin 7
> resistor pin 1 to pin 5 value = 23k
>
> Here is the problem detailed
>
> 1. test vox with factory mic 100% working
> 2. plug in pro headphone jack ... headphones working 100%
> 3. plug in adapter with pro mic
> 4. speak in to pro boom mic the radio key vox active working 100%
> 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio stays keyed.
> 6. Disconnect pink connector (mic) from adapter radio stays keyed
> 7. Remove adapter radio unkeys
>
> thank you in advance
>

10748. Re: YM66312 DDS Chips replacement (450s, 690s, 850s)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 16:53:29 UTC
From: vojtech
Topic: 10729 Message: 10748

Hello all,
I had to solve the damned YM6631 problem in my TS450S buying as I was said some of the last available pieces on the web paying dearness for it.
It seems that 450s and 690s?? were assembled only with the DDS 6631s too, but the frequency of failures on the web seems to be much lower than those on TS850s based on the web, but mine failed too.
I think it needs to have more users with dead DDS and due to that absolutely unusable radio up to the moment, that somebody will take care about the YM66312 replacement and maybe let him paid for the time he spent on it, in case he do it really well. It sure needs some time and logic analyzer work to find the data from the communication, what are sent from the TS processor to the DDS and prepare a circuit, which will react to commands in the same way.
More or less the best solution (if it is universal for all TS-450, 690,850) is to have it pin compatible or maybe some small PCB module which will be directly soldered to the PCB in place of dead DDS. As the service manual for 450 shows, the 6631 is a "stupid" digital circuit without analogue part (the D/A conversion is done on the resistor network) so its replacement by some programmable modern array like Lattice, Altera or similar should be not so complicated.
The way to use the Analog Devices DDS is nice, but this leads to whole PCB replacement for CAR unit for TS-850, but in such case the TS-450s (690s) will need another board, because the PCB has only 2pcs and different construction.

But the number of hopeless owners of the TS-850 scrap is still too small and that the number of beloved users of those radio is still decreasing, not even due to the DDS, but leaked caps and other altering problems of old electronics.
I paid (due to my love to the radio) the price of the IC which was about 30% of value of other TS-450s on the ebay...
So we will see, if this work will be interesting for somebody..

Thanks for reading,
ok1vaw, Vojtech.

10749. Re: YM66312 DDS Chips replacement (450s, 690s, 850s)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 17:03:13 UTC
From: VA3UE
Topic: 10729 Message: 10749

I saw a post awhile back that said this company might have them.

East Coast Transistor
2 Marlborough Road
West Hempstead, NY 11552
(516) 483-5742

This is a KW parts distributor. I don't see a web site.

--- In TS-850_450_690@yahoogroups.com, "vojtech" <ok1vaw@...> wrote:
>
>
>
> Hello all,
> I had to solve the damned YM6631 problem in my TS450S buying as I was said some of the last available pieces on the web paying dearness for it.
> It seems that 450s and 690s?? were assembled only with the DDS 6631s too, but the frequency of failures on the web seems to be much lower than those on TS850s based on the web, but mine failed too.
> I think it needs to have more users with dead DDS and due to that absolutely unusable radio up to the moment, that somebody will take care about the YM66312 replacement and maybe let him paid for the time he spent on it, in case he do it really well. It sure needs some time and logic analyzer work to find the data from the communication, what are sent from the TS processor to the DDS and prepare a circuit, which will react to commands in the same way.
> More or less the best solution (if it is universal for all TS-450, 690,850) is to have it pin compatible or maybe some small PCB module which will be directly soldered to the PCB in place of dead DDS. As the service manual for 450 shows, the 6631 is a "stupid" digital circuit without analogue part (the D/A conversion is done on the resistor network) so its replacement by some programmable modern array like Lattice, Altera or similar should be not so complicated.
> The way to use the Analog Devices DDS is nice, but this leads to whole PCB replacement for CAR unit for TS-850, but in such case the TS-450s (690s) will need another board, because the PCB has only 2pcs and different construction.
>
> But the number of hopeless owners of the TS-850 scrap is still too small and that the number of beloved users of those radio is still decreasing, not even due to the DDS, but leaked caps and other altering problems of old electronics.
> I paid (due to my love to the radio) the price of the IC which was about 30% of value of other TS-450s on the ebay...
> So we will see, if this work will be interesting for somebody..
>
> Thanks for reading,
> ok1vaw, Vojtech.
>

10750. Re: [TS-850_450_690] ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 17:31:54 UTC
From: Tom Osborne
Topic: 10746 Message: 10750

I found on eHam that others are having the same problem. Check thread at:

http://www.eham.net/ehamforum/smf/index.php/topic,78333.0.html

73
Tom W7WHY

I ordered a headset with a boom mic of ebay....It is a audio comm pro. It comes with a adapter that converts the ts450s mic to accept the pink and green computer style conectors....The adapter is wired as follows...

red/white pin 1
braid pin 7
resistor pin 1 to pin 5 value = 23k

Here is the problem detailed

1. test vox with factory mic 100% working
2. plug in pro headphone jack ... headphones working 100%
3. plug in adapter with pro mic
4. speak in to pro boom mic the radio key vox active working 100%
5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio stays keyed.
6. Disconnect pink connector (mic) from adapter radio stays keyed
7. Remove adapter radio unkeys

thank you in advance

10751. Re: [TS-850_450_690] Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 17:45:25 UTC
From: Bob Naylor
Topic: 10729 Message: 10751

Clif, guys, Maybe I'm way off base here but... If you had a program to read a known good chip from a PROM burner, could you then flash a new chip that may be equivalent?I use a PROM burner to flash chips for car computers.Bob WE6C

--- On Mon, 10/24/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: YM66312 DDS Chips
To: TS-850_450_690@yahoogroups.com
Date: Monday, October 24, 2011, 3:08 PM

Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@...> wrote:

>

>

> It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.

>

[Non-text portions of this message have been removed]

10752. 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 18:03:55 UTC
From: Bob Naylor
Topic: 10752 Message: 10752

What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?
I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???
This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.
Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.
Bob WE6C

[Non-text portions of this message have been removed]

10753. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 18:57:36 UTC
From: villy.madsen
Topic: 10729 Message: 10753

The DDS chips are not an eprom. They do have a lot of ROM in to generate a sine wave, but there is a lot of additional logic besides...

Villy

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Clif, guys, Maybe I'm way off base here but... Â If you had a program to read a known good chip from a PROM burner, could you then flash a new chip that may be equivalent?I use a PROM burner to flash chips for car computers.Bob Â WE6C
>
> --- On Mon, 10/24/11, avvidclif <clif@...> wrote:
>
> From: avvidclif <clif@...>
> Subject: [TS-850_450_690] Re: YM66312 DDS Chips
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, October 24, 2011, 3:08 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.

>
>
>
> Clif
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
>
> >
>
> >
>
> > It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.
>
> >
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10754. Re: YM66312 DDS Chips replacement (450s, 690s, 850s)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 20:29:10 UTC
From: villy.madsen
Topic: 10729 Message: 10754

You have a good point about perhaps being able to use a programmable array of some sort to replace the DDS chips. Trying to come up with something that will fit the 6631 footprint etc might be more of an issue...

Villy

--- In TS-850_450_690@yahoogroups.com, "vojtech" <ok1vaw@...> wrote:
>
>
>
> Hello all,
> I had to solve the damned YM6631 problem in my TS450S buying as I was said some of the last available pieces on the web paying dearness for it.
> It seems that 450s and 690s?? were assembled only with the DDS 6631s too, but the frequency of failures on the web seems to be much lower than those on TS850s based on the web, but mine failed too.
> I think it needs to have more users with dead DDS and due to that absolutely unusable radio up to the moment, that somebody will take care about the YM66312 replacement and maybe let him paid for the time he spent on it, in case he do it really well. It sure needs some time and logic analyzer work to find the data from the communication, what are sent from the TS processor to the DDS and prepare a circuit, which will react to commands in the same way.
> More or less the best solution (if it is universal for all TS-450, 690,850) is to have it pin compatible or maybe some small PCB module which will be directly soldered to the PCB in place of dead DDS. As the service manual for 450 shows, the 6631 is a "stupid" digital circuit without analogue part (the D/A conversion is done on the resistor network) so its replacement by some programmable modern array like Lattice, Altera or similar should be not so complicated.
> The way to use the Analog Devices DDS is nice, but this leads to whole PCB replacement for CAR unit for TS-850, but in such case the TS-450s (690s) will need another board, because the PCB has only 2pcs and different construction.
>
> But the number of hopeless owners of the TS-850 scrap is still too small and that the number of beloved users of those radio is still decreasing, not even due to the DDS, but leaked caps and other altering problems of old electronics.
> I paid (due to my love to the radio) the price of the IC which was about 30% of value of other TS-450s on the ebay...
> So we will see, if this work will be interesting for somebody..
>
> Thanks for reading,
> ok1vaw, Vojtech.
>

10755. Re: YM66312 DDS Chips replacement (450s, 690s, 850s)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 20:33:45 UTC
From: villy.madsen
Topic: 10729 Message: 10755

Their web site says - discontinued.....

Villy

--- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@...> wrote:
>
> I saw a post awhile back that said this company might have them.
>
> East Coast Transistor
> 2 Marlborough Road
> West Hempstead, NY 11552
> (516) 483-5742
>
> This is a KW parts distributor. I don't see a web site.
>
> --- In TS-850_450_690@yahoogroups.com, "vojtech" <ok1vaw@> wrote:
> >
> >
> >
> > Hello all,
> > I had to solve the damned YM6631 problem in my TS450S buying as I was said some of the last available pieces on the web paying dearness for it.
> > It seems that 450s and 690s?? were assembled only with the DDS 6631s too, but the frequency of failures on the web seems to be much lower than those on TS850s based on the web, but mine failed too.
> > I think it needs to have more users with dead DDS and due to that absolutely unusable radio up to the moment, that somebody will take care about the YM66312 replacement and maybe let him paid for the time he spent on it, in case he do it really well. It sure needs some time and logic analyzer work to find the data from the communication, what are sent from the TS processor to the DDS and prepare a circuit, which will react to commands in the same way.
> > More or less the best solution (if it is universal for all TS-450, 690,850) is to have it pin compatible or maybe some small PCB module which will be directly soldered to the PCB in place of dead DDS. As the service manual for 450 shows, the 6631 is a "stupid" digital circuit without analogue part (the D/A conversion is done on the resistor network) so its replacement by some programmable modern array like Lattice, Altera or similar should be not so complicated.
> > The way to use the Analog Devices DDS is nice, but this leads to whole PCB replacement for CAR unit for TS-850, but in such case the TS-450s (690s) will need another board, because the PCB has only 2pcs and different construction.
> >
> > But the number of hopeless owners of the TS-850 scrap is still too small and that the number of beloved users of those radio is still decreasing, not even due to the DDS, but leaked caps and other altering problems of old electronics.
> > I paid (due to my love to the radio) the price of the IC which was about 30% of value

of other TS-450s on the ebay...
> > So we will see, if this work will be interesting for somebody..
> >
> > Thanks for reading,
> > ok1vaw, Vojtech.
> >
>

10756. Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 23:58:57 UTC
From: thairadio99
Topic: 10746 Message: 10756

A capacitor between the mic input and gnd? What value would you recommend?

--- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@...> wrote:
>
> Pin 5 appears to be 8VDC. Perhaps the headset uses an electret condensor mic element and needs V+ to function. You would think that the audio would be decoupled inside the rig at some point with a capacitor so that the voltage applied from the resistor wouldn't keep it keyed. Perhaps add a cap at the audio input pin?
>
> --- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@> wrote:
> >
> > I ordered a headset with a boom mic of ebay....It is a audio comm pro. It comes with a adapter that converts the ts450s mic to accept the pink and green computer style conectors....The adapter is wired as follows...
> >
> > red/white pin 1
> > braid pin 7
> > resistor pin 1 to pin 5 value = 23k
> >
> > Here is the problem detailed
> >
> > 1. test vox with factory mic 100% working
> > 2. plug in pro headphone jack ... headphones working 100%
> > 3. plug in adapter with pro mic
> > 4. speak in to pro boom mic the radio key vox active working 100%
> > 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio stays keyed.
> > 6. Disconnect pink connector (mic) from adapter radio stays keyed
> > 7. Remove adapter radio unkeys
> >
> > thank you in advance
> >
>

10757. Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-26 23:56:53 UTC
From: thairadio99
Topic: 10746 Message: 10757

Yes that is my post on eham......

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> I found on eHam that others are having the same problem. Check thread at:
>
> http://www.eham.net/ehamforum/smf/index.php/topic,78333.0.html
>
> 73
> Tom W7WHY
>
>
>
>
> I ordered a headset with a boom mic of ebay....It is a audio comm pro. It
> comes with a adapter that converts the ts450s mic to accept the pink and
> green computer style conectors....The adapter is wired as follows...
>
> red/white pin 1
> braid pin 7
> resistor pin 1 to pin 5 value = 23k
>
> Here is the problem detailed
>
> 1. test vox with factory mic 100% working
> 2. plug in pro headphone jack ... headphones working 100%
> 3. plug in adapter with pro mic
> 4. speak in to pro boom mic the radio key vox active working 100%
> 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio stays
> keyed.
> 6. Disconnect pink connector (mic) from adapter radio stays keyed
> 7. Remove adapter radio unkeys
>
> thank you in advance
>

10758. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 01:41:25 UTC
From: avvidclif
Topic: 10729 Message: 10758

Didn't worry about the clock. Only about using the existing data stream to talk to whatever chips are to be used. While at it realize that each 66312 is a dual oscillator.

Clif

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> OK on that.. although it appears that one of the CARs is used to generate sub audible tones for FM.
>
> The thoughts that I currently have are to:
> 1) Run the 20mhz feed to the CAR board through a couple of frequency doublers to take it up to 80 mhz. At the same time, this will turn the signal into a square wave - not a problem.
>
> In place of the existing DDS use Analogue Devices DDS chips.
> They will take the 80 mhz clock quite nicely and directly generate the required frequencies (nice sine waves) (obviating the need for the frequency multiplication & filtering that currently takes place.
>
> Will likely need some micro support to convert the existing data stream into what is required for the AD chips. Might need a micro for each of the DDS - probably the safe approach.
>
> One DDS might be able to do the work of the bottom 2 CAR chips on the diagram - I need to think some more on that one.
>
> would be neat if it could be made to work.
>
> Villy
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Fm is done on the PLL board by modulating the Het osc to generate FM
> > and as long as the common data stream is not changed it will be fine. You have to figure out the data stream to the DDS chips and how to use it. IC3 on the Car unit is for the monitor circuit.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > >
> > > Yes indeed - therein lies the rub.

> > >
> > > I think that I managed to get enough information out of a couple of the service manuals to at least make a start. If I find a really cheap TS-850 (with a shot CAR board) I might give it a try. Much of it seems straight forward, but there is something a little interesting in how CAR2 can load it's divisor from CAR1. If one would run into problems, it might be with how the FM is generated.
> > >
> > > It makes sense to generate the rf at the required frequency - getting rid of the filters and multipliers on the CAR board. Needs thought
> > >
> > > Villy ve6sq
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> > > > >
> > > > >
> > > > > It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time. hihi.
> > > > >
> > > >
> > >
> > >
> > >
> >
>

10759. Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 01:41:28 UTC
From: VA3UE
Topic: 10746 Message: 10759

No, a DC blocking capacitor between the resistor/mic and the pin on the radio mic input connector like this (I hope this turns out ok)

```
input--||--------mic element
|
\
/ 23K Ohm
\
|
8VDC------'
```

get a small 1 uf and see if audio will pass through that.

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
> A capacitor between the mic input and gnd? What value would you recommend?
>
> --- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@> wrote:
> >
> > Pin 5 appears to be 8VDC. Perhaps the headset uses an electret condensor mic element and needs V+ to function. You would think that the audio would be decoupled inside the rig at some point with a capacitor so that the voltage applied from the resistor wouldn't keep it keyed. Perhaps add a cap at the audio input pin?
> >
> > --- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@> wrote:
> > >
> > > I ordered a headset with a boom mic of ebay....It is a audio comm pro. It comes with a adapter that converts the ts450s mic to accept the pink and green computer style conectors....The adapter is wired as follows...
> > >
> > > red/white pin 1
> > > braid pin 7
> > > resistor pin 1 to pin 5 value = 23k
> > >
> > > Here is the problem detailed
> > >
> > > 1. test vox with factory mic 100% working
> > > 2. plug in pro headphone jack ... headphones working 100%
> > > 3. plug in adapter with pro mic
> > > 4. speak in to pro boom mic the radio key vox active working 100%
> > > 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio stays keyed.
> > > 6. Disconnect pink connector (mic) from adapter radio stays keyed
> > > 7. Remove adapter radio unkeys
> > >
> > > thank you in advance
> > >

> >
>

10760. Re: [TS-850_450_690] Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 01:54:03 UTC
From: Tom Osborne
Topic: 10746 Message: 10760

As much as those headset/mic's cost, you would think the guy would sell them ready to go without having to modify them. 73
Tom W7WHY

No, a DC blocking capacitor between the resistor/mic and the pin on the radio mic input connector like this (I hope this turns out ok)

```
input--||--------mic element
|
\
/ 23K Ohm
\
|
8VDC------'
```

get a small 1 uf and see if audio will pass through that.

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
> A capacitor between the mic input and gnd? What value would you recommend?
>
> --- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@> wrote:
> >
> > Pin 5 appears to be 8VDC. Perhaps the headset uses an electret condensor
> > mic element and needs V+ to function. You would think that the audio
> > would be decoupled inside the rig at some point with a capacitor so that
> > the voltage applied from the resistor wouldn't keep it keyed. Perhaps
> > add a cap at the audio input pin?
> >
> > --- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@> wrote:
> > >
> > > I ordered a headset with a boom mic of ebay....It is a audio comm pro.
> > > It comes with a adapter that converts the ts450s mic to accept the
> > > pink and green computer style conectors....The adapter is wired as
> > > follows...
> > >
> > > red/white pin 1
> > > braid pin 7
> > > resistor pin 1 to pin 5 value = 23k
> > >
> > > Here is the problem detailed
> > >
> > > 1. test vox with factory mic 100% working
> > > 2. plug in pro headphone jack ... headphones working 100%
> > > 3. plug in adapter with pro mic
> > > 4. speak in to pro boom mic the radio key vox active working 100%

> > > 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio
> > > stays keyed.
> > > 6. Disconnect pink connector (mic) from adapter radio stays keyed
> > > 7. Remove adapter radio unkeys
> > >
> > > thank you in advance
> > >
> >
>

10761. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 02:45:19 UTC
From: villy.madsen
Topic: 10729 Message: 10761

We would need a clock to feed the new DDS chips - 80 MHZ , so doubling the existing 20 mhz twice would give us that - without changing the calibration any. The 20 mhz could also be squared up and used for clocking the micro-controller, although using a separate crystal might be wiser

As I understood it, the 66312's have got dual frequency & phase registers - but only one of each can be used at any given instant. (of course you can flip back and forth - for FSK as an example).

The chips that I was looking at also have dual freq & phase registers - and can also be toggled back and forth between the two - although switching between the 2 freq registers can (I believe) cause a glitch. I need to read more about it - I know that there is a way to switch freqs without it glitching.

I think that the whole thing could be done with a single micro running at 20 mhz.

Any thoughts on the idea of generating all of the required frequencies at the required frequency and doing away with the multipliers and filters ?? That would mean that all that would be required would be some pads or amps to bring the signal levels in line..

Villy

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Didn't worry about the clock. Only about using the existing data stream to talk to whatever chips are to be used. While at it realize that each 66312 is a dual oscillator.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > OK on that.. although it appears that one of the CARs is used to generate sub audible tones for FM.
> >
> > The thoughts that I currently have are to:
> > 1) Run the 20mhz feed to the CAR board through a couple of frequency doublers to take it up to 80 mhz. At the same time, this will turn the signal into a square wave - not a problem.
> >
> > In place of the existing DDS use Analogue Devices DDS chips.
> > They will take the 80 mhz clock quite nicely and directly generate the required frequencies (nice sine waves) (obviating the need for the frequency multiplication & filtering that currently takes place.
> >
> > Will likely need some micro support to convert the existing data stream into what is required for the AD chips. Might need a micro for each of the DDS - probably the safe

approach.
> >
> > One DDS might be able to do the work of the bottom 2 CAR chips on the diagram - I need to think some more on that one.
> >
> > would be neat if it could be made to work.
> >
> > Villy
> >
> >
> >
> > --- In TS-850_450_690@...m, "avvidclif" <clif@> wrote:
> > >
> > > Fm is done on the PLL board by modulating the Het osc to generate FM
> > > and as long as the common data stream is not changed it will be fine. You have to figure out the data stream to the DDS chips and how to use it. IC3 on the Car unit is for the monitor circuit.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > > >
> > > > Yes indeed - therein lies the rub.
> > > >
> > > > I think that I managed to get enough information out of a couple of the service manuals to at least make a start. If I find a really cheap TS-850 (with a shot CAR board) I might give it a try. Much of it seems straight forward, but there is something a little interesting in how CAR2 can load it's divisor from CAR1. If one would run into problems, it might be with how the FM is generated.
> > > >
> > > > It makes sense to generate the rf at the required frequency - getting rid of the filters and multipliers on the CAR board. Needs thought
> > > >
> > > > Villy ve6sq
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Nothing hard at all about building a board using state of the art DDS chips. It's getting the radio to talk to it so that it outputs the needed frequencies. There-in lies the rub.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@> wrote:
> > > > > >
> > > > > >
> > > > > > It is not a silly notion at all. I think it is just a matter of time before someone comes up with with a CAR board using availabe chips. It does take time to study the requirements and modify the design using available materials. Hams do this all the time.

hihi.

```
> > > > > >
> > > > >
> > > >
> > >
> >
>
```

10762. Re: [TS-850_450_690] Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 03:06:55 UTC
From: Tom Osborne
Topic: 10729 Message: 10762

If anyone needs one really bad, there's a Car board on eBay. Listing number 180745762364

Expensive, though. $250. 73

Tom W7WHY

10763. Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 04:00:59 UTC
From: thairadio99
Topic: 10746 Message: 10763

Tom sorry as i can be tech challenged. The cap is between mic element and input? If this is correct when disconnecting the mic element from the input should also unkey the radio?

To unkey the radio I have to remove the adapter with the resistor in to unkey the radio...

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> As much as those headset/mic's cost, you would think the guy would sell them
> ready to go without having to modify them. 73
> Tom W7WHY
>
>
>
>
> No, a DC blocking capacitor between the resistor/mic and the pin on the
> radio mic input connector like this (I hope this turns out ok)
>
> input--||--------mic element
> |
> \
> / 23K Ohm
> \
> |
> 8VDC------'
>
> get a small 1 uf and see if audio will pass through that.
>
> --- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@> wrote:
> >
> > A capacitor between the mic input and gnd? What value would you recommend?
> >
> > --- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@> wrote:
> > >
> > > Pin 5 appears to be 8VDC. Perhaps the headset uses an electret condensor
> > > mic element and needs V+ to function. You would think that the audio
> > > would be decoupled inside the rig at some point with a capacitor so that
> > > the voltage applied from the resistor wouldn't keep it keyed. Perhaps
> > > add a cap at the audio input pin?
> > >
> > > --- In TS-850_450_690@...m, "thairadio99" <funbiz@> wrote:
> > > >
> > > > I ordered a headset with a boom mic of ebay....It is a audio comm pro.
> > > > It comes with a adapter that converts the ts450s mic to accept the
> > > > pink and green computer style conectors....The adapter is wired as
> > > > follows...

> > > >
> > > > red/white pin 1
> > > > braid pin 7
> > > > resistor pin 1 to pin 5 value = 23k
> > > >
> > > > Here is the problem detailed
> > > >
> > > > 1. test vox with factory mic 100% working
> > > > 2. plug in pro headphone jack ... headphones working 100%
> > > > 3. plug in adapter with pro mic
> > > > 4. speak in to pro boom mic the radio key vox active working 100%
> > > > 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio
> > > > stays keyed.
> > > > 6. Disconnect pink connector (mic) from adapter radio stays keyed
> > > > 7. Remove adapter radio unkeys
> > > >
> > > > thank you in advance
> > > >
> > >
> >
>

10764. Re: ts450s wiring headset with boom mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 05:10:27 UTC
From: VA3UE
Topic: 10746 Message: 10764

The idea is to block the 8 volts coming through the 23k resistor going into the audio in with a cap. It really doesn't get any simpler than that.

--- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@...> wrote:
>
>
> Tom sorry as i can be tech challenged. The cap is between mic element and input? If this is correct when disconnecting the mic element from the input should also unkey the radio?
>
>
> To unkey the radio I have to remove the adapter with the resistor in to unkey the radio...
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> > As much as those headset/mic's cost, you would think the guy would sell them
> > ready to go without having to modify them. 73
> > Tom W7WHY
> >
> >
> >
> >
> > No, a DC blocking capacitor between the resistor/mic and the pin on the
> > radio mic input connector like this (I hope this turns out ok)
> >
> > input--||--------mic element
> > |
> > \
> > / 23K Ohm
> > \
> > |
> > 8VDC------'
> >
> > get a small 1 uf and see if audio will pass through that.
> >
> > --- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@> wrote:
> > >
> > > A capacitor between the mic input and gnd? What value would you recommend?
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "VA3UE" <va3ue@> wrote:
> > > >
> > > > Pin 5 appears to be 8VDC. Perhaps the headset uses an electret condensor
> > > > mic element and needs V+ to function. You would think that the audio

> > > > would be decoupled inside the rig at some point with a capacitor so that
> > > > the voltage applied from the resistor wouldn't keep it keyed. Perhaps
> > > > add a cap at the audio input pin?
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "thairadio99" <funbiz@> wrote:
> > > > >
> > > > > I ordered a headset with a boom mic of ebay....It is a audio comm pro.
> > > > > It comes with a adapter that converts the ts450s mic to accept the
> > > > > pink and green computer style conectors....The adapter is wired as
> > > > > follows...
> > > > >
> > > > > red/white pin 1
> > > > > braid pin 7
> > > > > resistor pin 1 to pin 5 value = 23k
> > > > >
> > > > > Here is the problem detailed
> > > > >
> > > > > 1. test vox with factory mic 100% working
> > > > > 2. plug in pro headphone jack ... headphones working 100%
> > > > > 3. plug in adapter with pro mic
> > > > > 4. speak in to pro boom mic the radio key vox active working 100%
> > > > > 5. Stop speaking radio stays keyed!!!!. Turn mic gain down to 0 radio
> > > > > stays keyed.
> > > > > 6. Disconnect pink connector (mic) from adapter radio stays keyed
> > > > > 7. Remove adapter radio unkeys
> > > > >
> > > > > thank you in advance
> > > > >
> > > >
> > >
> >
>

10765. Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 11:32:50 UTC
From: villy.madsen
Topic: 10729 Message: 10765

Not as expensive as a new transceiver though <G>.

Villy

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> If anyone needs one really bad, there's a Car board on eBay. Listing number
> 180745762364
>
>
> Expensive, though. $250. 73
>
> Tom W7WHY
>

10766. [TS-850_450_690] 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 12:52:23 UTC
From: Bob Naylor
Topic: 10752 Message: 10766

Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?
Thanks, Bob WE6C

What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?

I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???

This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.

Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.

Bob WE6C

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10767. ts-450 sat with an issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 18:21:17 UTC
From: Tim
Topic: 10767 Message: 10767

I have a ts 450s that started doing dual ssb all of a sudden the rx and tx both can be heard like if i am on usb people can hear me on lsb and i can also receive lsb and vice versa..Can anyone else ever seen this or maybe point me in the right direction,I am thinking maybe the car unit?Thanks

10768. Re: [TS-850_450_690] 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 20:28:02 UTC
From: ik8vze
Topic: 10752 Message: 10768

My TS-850 N ° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder

----- Original Message -----
From: Bob Naylor
To: TS-850S KENWOOD KENWOOD
Sent: Thursday, October 27, 2011 2:52 PM
Subject: [TS-850_450_690] 850 serial numbers

Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?
Thanks, Bob WE6C

What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?

I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???

This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.

Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.

Bob WE6C

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10769. Re: ts-450 sat with an issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 20:42:50 UTC
From: villy.madsen
Topic: 10767 Message: 10769

Is the audio clipped ?? i.e. does it sound like the carrier is centered on the filter rather than offset abover or below??

I would think that you would then notice a distinct lack of highs on what you are hearing & do the others hear the same lack of high frequencies on your transmission ???

Villy

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
> I have a ts 450s that started doing dual ssb all of a sudden the rx and tx both can be heard like if i am on usb people can hear me on lsb and i can also receive lsb and vice versa..Can anyone else ever seen this or maybe point me in the right direction,I am thinking maybe the car unit?Thanks
>

10770. Re: 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 21:44:37 UTC
From: avvidclif
Topic: 10752 Message: 10770

Kenwood never said a word BUT the later models had a different eprom and no delay on start-up. You figure it out. $ different ones I'm aware of...

Clif

--- In TS-850_450_690@yahoogroups.com, "ik8vze" <ik8vze@...> wrote:
>
> My TS-850 N Â° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made â□□â□□on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder
>
> ----- Original Message -----
> From: Bob Naylor
> To: TS-850S KENWOOD KENWOOD
> Sent: Thursday, October 27, 2011 2:52 PM
> Subject: [TS-850_450_690] 850 serial numbers
>
>
>
> Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?
> Thanks, Bob WE6C
>
>
>
> What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?
>
> I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???
>
> This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.
>
> Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.
>
> Bob WE6C
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

10771. Re: ts-450 sat with an issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 22:57:42 UTC
From: Tim
Topic: 10767 Message: 10771

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Is the audio clipped ?? i.e. does it sound like the carrier is centered on the filter rather than offset abover or below??
>
> I would think that you would then notice a distinct lack of highs on what you are hearing & do the others hear the same lack of high frequencies on your transmission ???
>
> Villy
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> >
> > I have a ts 450s that started doing dual ssb all of a sudden the rx and tx both can be heard like if i am on usb people can hear me on lsb and i can also receive lsb and vice versa..Can anyone else ever seen this or maybe point me in the right direction,I am thinking maybe the car unit?Thanks
> >
>
Cant tell if your on usb or lower if it were not for the indicator on the display you would never know what mode you were in.I get good audio reports from lsb to usb and vice versa..

10772. Re: ts-450 sat with an issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 23:01:12 UTC
From: Tim
Topic: 10767 Message: 10772

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> > Is the audio clipped ?? i.e. does it sound like the carrier is centered on the filter rather than offset abover or below??
> >
> > I would think that you would then notice a distinct lack of highs on what you are hearing & do the others hear the same lack of high frequencies on your transmission ???
> >
> > Villy
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> > >
> > > I have a ts 450s that started doing dual ssb all of a sudden the rx and tx both can be heard like if i am on usb people can hear me on lsb and i can also receive lsb and vice versa..Can anyone else ever seen this or maybe point me in the right direction,I am thinking maybe the car unit?Thanks
> > >
> >
> > Cant tell if your on usb or lower if it were not for the indicator on the display you would never know what mode you were in.I get good audio reports from lsb to usb and vice versa..
>
Radio has never been modified in any way

10773. Re: [TS-850_450_690] Re: YM66312 DDS Chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-27 23:28:53 UTC
From: Daniel Raney
Topic: 10729 Message: 10773

I have been out of town while this subject started so sorry if I'm a "day late" but, one poster was asking for a donor TS850 to play with. I have a good , working one (ser# 30xxxxx). Has the 6631 DDS chips.
Contact me at FYRMANDAN@...
Dan

-----Original Message-----
From: villy.madsen <Villy.Madsen@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Wed, Oct 26, 2011 7:45 pm
Subject: [TS-850_450_690] Re: YM66312 DDS Chips

We would need a clock to feed the new DDS chips - 80 MHZ , so doubling the xisting 20 mhz twice would give us that - without changing the calibration any. he 20 mhz could also be squared up and used for clocking the micro-controller, lthough using a separate crystal might be wiser
As I understood it, the 66312's have got dual frequency & phase registers - but nly one of each can be used at any given instant. (of course you can flip back nd forth - for FSK as an example).
The chips that I was looking at also have dual freq & phase registers - and can lso be toggled back and forth between the two - although switching between the freq registers can (I believe) cause a glitch. I need to read more about it - know that there is a way to switch freqs without it glitching.
I think that the whole thing could be done with a single micro running at 20 hz.
Any thoughts on the idea of generating all of the required frequencies at the equired frequency and doing away with the multipliers and filters ?? That ould mean that all that would be required would be some pads or amps to bring he signal levels in line..
Villy

-- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:

Didn't worry about the clock. Only about using the existing data stream to alk to whatever chips are to be used. While at it realize that each 66312 is a ual oscillator.

Clif

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
>
> OK on that.. although it appears that one of the CARs is used to generate ub audible tones for FM.
>
> The thoughts that I currently have are to:
> 1) Run the 20mhz feed to the CAR board through a couple of frequency

oublers to take it up to 80 mhz. At the same time, this will turn the signal
nto a square wave - not a problem.
>
> In place of the existing DDS use Analogue Devices DDS chips.
> They will take the 80 mhz clock quite nicely and directly generate the
equired frequencies (nice sine waves) (obviating the need for the frequency
ultiplication & filtering that currently takes place.
>
> Will likely need some micro support to convert the existing data stream
nto what is required for the AD chips. Might need a micro for each of the DDS
probably the safe approach.
>
> One DDS might be able to do the work of the bottom 2 CAR chips on the
iagram - I need to think some more on that one.
>
> would be neat if it could be made to work.
>
> Villy
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Fm is done on the PLL board by modulating the Het osc to generate FM
> > and as long as the common data stream is not changed it will be fine. You
ave to figure out the data stream to the DDS chips and how to use it. IC3 on
he Car unit is for the monitor circuit.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@>
rote:
> > >
> > > Yes indeed - therein lies the rub.
> > >
> > > I think that I managed to get enough information out of a couple of the
ervice manuals to at least make a start. If I find a really cheap TS-850 (with
shot CAR board) I might give it a try. Much of it seems straight forward, but
here is something a little interesting in how CAR2 can load it's divisor from
AR1. If one would run into problems, it might be with how the FM is generated.
> > >
> > > It makes sense to generate the rf at the required frequency - getting
id of the filters and multipliers on the CAR board. Needs thought
> > >
> > > Villy ve6sq
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >

> > > > Nothing hard at all about building a board using state of the art DDS
hips. It's getting the radio to talk to it so that it outputs the needed
requencies. There-in lies the rub.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@>
rote:
> > > > >
> > > > >
> > > > > It is not a silly notion at all. I think it is just a matter of time
efore someone comes up with with a CAR board using availabe chips. It does take
ime to study the requirements and modify the design using available materials.
ams do this all the time. hihi.
> > > > >
> > > >
> > >
> >
>

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

10774. Re: ts-450 sat with an issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 04:17:09 UTC
From: avvidclif
Topic: 10767 Message: 10774

What are the filters set on?

Clif

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > >
> > > Is the audio clipped ?? i.e. does it sound like the carrier is centered on the filter rather than offset abover or below??
> > >
> > > I would think that you would then notice a distinct lack of highs on what you are hearing & do the others hear the same lack of high frequencies on your transmission ???
> > >
> > > Villy
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> > > >
> > > > I have a ts 450s that started doing dual ssb all of a sudden the rx and tx both can be heard like if i am on usb people can hear me on lsb and i can also receive lsb and vice versa..Can anyone else ever seen this or maybe point me in the right direction,I am thinking maybe the car unit?Thanks
> > > >
> > >
> > > Cant tell if your on usb or lower if it were not for the indicator on the display you would never know what mode you were in.I get good audio reports from lsb to usb and vice versa..
> >
> > Radio has never been modified in any way
> >

10775. Re: [TS-850_450_690] Re: 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 13:14:50 UTC
From: Humberto
Topic: 10752 Message: 10775

Hello Gentlemen;

Does the chronological order
would be the one below?

0xxxxxxx - 1990
1xxxxxxx - 1991
2xxxxxxx - 1992
3xxxxxxx -
1993
4xxxxxxx - 1994
5xxxxxxx - 1995
6xxxxxxx - 1996
7xxxxxxx -
1997

Does anyone know?

Humberto;
py1ttn

--- On Thu, 10/27/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: 850 serial numbers
To: TS-850_450_690@...m
Date: Thursday, October 27, 2011, 2:44 PM

Kenwood never said a word BUT the later models had a different eprom and no delay on start-up. You figure it out. $ different ones I'm aware of...

Clif

--- In TS-850_450_690@yahoogroups.com, "ik8vze" <ik8vze@...> wrote:

>

> My TS-850 N Â° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made â€‹â€‹on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder

>

> ----- Original Message -----

> From: Bob Naylor

> To: TS-850S KENWOOD KENWOOD

> Sent: Thursday, October 27, 2011 2:52 PM

> Subject: [TS-850_450_690] 850 serial numbers

>

>

>

> Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?

> Thanks, Bob WE6C

>

>

>

> What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?

>

> I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???

>

> This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.

>

> Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.

>

> Bob WE6C

>

> [Non-text portions of this message have been removed]

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

10776. Re: 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 15:02:42 UTC
From: avvidclif
Topic: 10752 Message: 10776

Here is the chart that Laurie over in the TS2000 group put together and it's accurate. Except the 850 didn't last that long. It is written for the 2000 but applies to all of them. It helps if you know appx when the radio was made. The 850's started in 1991.

Kenwood serial numbers issued during the production life of the TS2000 come in 2 formats.

The original format used from the initial production up until approx August 2008 is as follows:
All numeric - First digit is Year code, add 1998 to get year. If first digit is 0 add 10 to 1998.
Next 2 digits are month code starting with April (beginning of Japanese tax year) as 01.
Months 10,11 & 12 will be Jan, Feb March of the next year so add 1 to the year.

Examples:
301xxxxx = April 2001
311xxxxx = February 2002
909xxxxx = December 2007
910xxxxx = January 2008
001xxxxx = April 2008
005xxxxx = August 2008

The second format adopted from approx August 2008 is alpha numeric.
The first 2 characters are the year the 3rd is the month starting with 1 in January.
A8 = 2008
A9 = 2009
B0 = 2010
B1 = 2011 and I believe B2 will be 2012 (time will tell if I am correct)
The month runs from 1 Jan to C Dec.

Examples:
A88xxxx = August 2008
A8Bxxxx = November 2008
A91xxxx = January 2009
A9Cxxxx = December 2009
B02xxxx = February 2010

Clif

--- In TS-850_450_690@yahoogroups.com, Humberto <py1ttn@...> wrote:
>
> Hello Gentlemen;
> Â
> Does theÂ chronological order
> would be the one below?
> Â
> 0xxxxxx - 1990

> 1xxxxxxx - 1991
> 2xxxxxxx - 1992
> 3xxxxxxx -
> 1993
> 4xxxxxxx - 1994
> 5xxxxxxx - 1995
> 6xxxxxxx - 1996
> 7xxxxxxx -
> 1997
> Â
> Does anyone know?Â
> Â
> Humberto;
> py1ttn
>
> --- On Thu, 10/27/11, avvidclif <clif@...> wrote:
>
> From: avvidclif <clif@...>
> Subject: [TS-850_450_690] Re: 850 serial numbers
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, October 27, 2011, 2:44 PM
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Kenwood never said a word BUT the later models had a different eprom and no delay on start-up. You figure it out. $ different ones I'm aware of...
>
>
>
> Clif
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ik8vze" <ik8vze@> wrote:

>
> >
>
> > My TS-850 N Ã□Â° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made Ã¢â□¬â□¹Ã¢â□¬â□¹on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder
>
> >
>
> > ----- Original Message -----
>
> > From: Bob Naylor
>
> > To: TS-850S KENWOOD KENWOOD
>
> > Sent: Thursday, October 27, 2011 2:52 PM
>
> > Subject: [TS-850_450_690] 850 serial numbers
>
> >
>
> >
>
> >
>
> > Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?
>
> > Thanks, Bob WE6C
>
> >
>
> >
>
> >
>
> >
>
> > What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?
>
> >
>
> > I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???
>
> >
>
> > This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on

right away.
>
> >
>
> > Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.
>
> >
>
> > Bob WE6C
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> >
>
> >
>
> >
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

10777. Re: [TS-850_450_690] Re: 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 15:59:55 UTC
From: Bob Naylor
Topic: 10752 Message: 10777

Clif, Kenwood never saying anything about it is interesting. You're right, I guess I'll have to pull it apart and figure it out.Someone else said that maybe serial numbers in the 5xxxx was built in 95. I thought mine was earlier than that however my memory beyond 10 years is very shaky.Bob WE6C

--- On Thu, 10/27/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: 850 serial numbers
To: TS-850_450_690@yahoogroups.com
Date: Thursday, October 27, 2011, 2:44 PM

Kenwood never said a word BUT the later models had a different eprom and no delay on start-up. You figure it out. $ different ones I'm aware of...

Clif

--- In TS-850_450_690@yahoogroups.com, "ik8vze" <ik8vze@...> wrote:

>

> My TS-850 N Â° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made â€‹â€‹on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder

>

> ----- Original Message -----

> From: Bob Naylor

> To: TS-850S KENWOOD KENWOOD

> Sent: Thursday, October 27, 2011 2:52 PM

> Subject: [TS-850_450_690] 850 serial numbers

>

>

>

> Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?

> Thanks, Bob WE6C

>

>

>

> What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?

>

> I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???

>

> This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.

>

> Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.

>

> Bob WE6C

>

> [Non-text portions of this message have been removed]

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

10778. Re: [TS-850_450_690] Re: 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 16:17:20 UTC
From: Humberto
Topic: 10752 Message: 10778

The TS
870 follows the following chronology:

1995 = 70
million
1996 = 80 million
1997 = 90 million
1998 = 00 million
1999 =
10 million
2000 = 20 million
2001 = 30 million
2002 = 40
million
2003 = 50 million
2004 = 60 million
py1ttn

--- On Fri, 10/28/11, avvidclif <clif@avvid.com> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: 850 serial numbers
To: TS-850_450_690@yahoogroups.com
Date: Friday, October 28, 2011, 8:02 AM

Here is the chart that Laurie over in the TS2000 group put together and it's accurate. Except the 850 didn't last that long. It is written for the 2000 but applies to all of them. It helps if you know appx when the radio was made. The 850's started in 1991.

Kenwood serial numbers issued during the production life of the TS2000 come in 2 formats.

The original format used from the initial production up until approx August 2008 is as follows:

All numeric - First digit is Year code, add 1998 to get year. If first digit is 0 add 10 to 1998.

Next 2 digits are month code starting with April (beginning of Japanese tax year) as 01.

Months 10,11 & 12 will be Jan, Feb March of the next year so add 1 to the year.

Examples:

301xxxxx = April 2001

311xxxxx = February 2002

909xxxxx = December 2007

910xxxxx = January 2008

001xxxxx = April 2008

005xxxxx = August 2008

The second format adopted from approx August 2008 is alpha numeric.

The first 2 characters are the year the 3rd is the month starting with 1 in January.

A8 = 2008

A9 = 2009

B0 = 2010

B1 = 2011 and I believe B2 will be 2012 (time will tell if I am correct)

The month runs from 1 Jan to C Dec.

Examples:

A88xxxx = August 2008

A8Bxxxx = November 2008

A91xxxx = January 2009

A9Cxxxx = December 2009

B02xxxx = February 2010

Clif

--- In TS-850_450_690@yahoogroups.com, Humberto <py1ttn@...> wrote:

>

> Hello Gentlemen;

> Â

> Does theÂ chronological order

> would be the one below?

> Â

> 0xxxxxxx - 1990

> 1xxxxxxx - 1991

> 2xxxxxxx - 1992

> 3xxxxxxx -

> 1993

> 4xxxxxxx - 1994

> 5xxxxxxx - 1995

> 6xxxxxxx - 1996

> 7xxxxxxx -

> 1997

> Â

> Does anyone know?Â

> Â

> Humberto;

> py1ttn

>

> --- On Thu, 10/27/11, avvidclif <clif@...> wrote:

>

> From: avvidclif <clif@...>

> Subject: [TS-850_450_690] Re: 850 serial numbers

> To: TS-850_450_690@yahoogroups.com

> Date: Thursday, October 27, 2011, 2:44 PM

>

>

>

>

>

>

>

>

> Â

>

>

>

>

>

>

>

>

>

> Kenwood never said a word BUT the later models had a different eprom and no delay on start-up. You figure it out. $ different ones I'm aware of...

>

>

>

> Clif

>

>

>

> --- In TS-850_450_690@yahoogroups.com, "ik8vze" <ik8vze@> wrote:

>

> >

>

> > My TS-850 N Ã‚Â° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made Ã¢â‚¬â€¹Ã¢â‚¬â€¹on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder

>

> >

>

> > ----- Original Message -----

>

> > From: Bob Naylor

>

> > To: TS-850S KENWOOD KENWOOD

>

> > Sent: Thursday, October 27, 2011 2:52 PM

>

> > Subject: [TS-850_450_690] 850 serial numbers

>

> >

>

> >

>

> >

>

> >

>

> > Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?

>

> > Thanks, Bob WE6C

>

> >

>

> >

>

> >

>

> >

>

> > What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?

>

> >

>

> > I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???

>

> >

>

> > This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.

>

> >

>

> > Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.

>

> >

>

> > Bob WE6C

>

> >

>

> > [Non-text portions of this message have been removed]

>

> >

>

> > [Non-text portions of this message have been removed]

>

> >

>

> >

>

> >

>

> >

>

> >

>

> >

>

> > [Non-text portions of this message have been removed]

>

> >

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

10779. DDS & CARD

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 17:30:35 UTC
From: villy.madsen
Topic: 10779 Message: 10779

It is interesting....

The TS450 & 690 implement a simplified version of the Frequency Generation scheme used in the 850..

the 950 is completely different.......

Villy ve6sq

10780. Re: 850 serial numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 18:27:28 UTC
From: avvidclif
Topic: 10752 Message: 10780

A 5xxx SN was built in 93-94 time frame.

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Clif, Kenwood never saying anything about it is interesting. Â You're right, I guess I'll have to pull it apart and figure it out.Someone else said that maybe serial numbers in the 5xxxx was built in 95. Â I thought mine was earlier than that however my memory beyond 10 years is very shaky.Bob Â WE6C
>
> --- On Thu, 10/27/11, avvidclif <clif@...> wrote:
>
> From: avvidclif <clif@...>
> Subject: [TS-850_450_690] Re: 850 serial numbers
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, October 27, 2011, 2:44 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
>
> Kenwood never said a word BUT the later models had a different eprom and no delay on start-up. You figure it out. $ different ones I'm aware of...

>
>
>
> Clif
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ik8vze" <ik8vze@> wrote:
>
> >
>
> > My TS-850 N Ã□Â° 31000424 1993 bought in Italy, if it can serve as construction year 92-1993 suppose, has had several repair works over the years but it is the only radio I have, and they are in love, which delays the display to 'I can not advise you start well, and required inspections by qualified technical assistance, may' be some loss in the condenser of the logical drive or display, but I can recommend the change I made Ã¢â□¬â□¹Ã¢â□¬â□¹on the battery of written submissions, are on the site mods.dk I strictly used the parts listed so that they are accurate editing, a 3.5-volt battery and battery holder
>
> >
>
> > ----- Original Message -----
>
> > From: Bob Naylor
>
> > To: TS-850S KENWOOD KENWOOD
>
> > Sent: Thursday, October 27, 2011 2:52 PM
>
> > Subject: [TS-850_450_690] 850 serial numbers
>
> >
>
> >
>
> >
>
> >
>
> > Forgot to mention that I have read about serial numbers over 5 (first digit) are OK which is what mine is. Is this correct?
>
> > Thanks, Bob WE6C
>
> >
>
> >
>
> >
>
> >
>
> > What is considered a "late" model 850, and what years of production were the late models built? Serial numbers?
>

> >
>
> > I bought my 850 from a friend who bought it new in the summer of 1993. I was wondering if I had a late model???
>
> >
>
> > This radio has only been opened up to install filters. It works perfectly. If I don't use the radio for several days or weeks then the display will not come on for maybe 10 or 15 seconds. If it's used everyday, then the display comes on right away.
>
> >
>
> > Clif if you're reading this, I hope to send it to you sometime this winter for some general maintenance.
>
> >
>
> > Bob WE6C
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> >
>
> >
>
> >
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10781. Re: ts-450 sat with an issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-28 18:33:45 UTC
From: Tim
Topic: 10767 Message: 10781

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What are the filters set on?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > > >
> > > > Is the audio clipped ?? i.e. does it sound like the carrier is centered on the filter rather than offset abover or below??
> > > >
> > > > I would think that you would then notice a distinct lack of highs on what you are hearing & do the others hear the same lack of high frequencies on your transmission ???
> > > >
> > > > Villy
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@> wrote:
> > > > >
> > > > > I have a ts 450s that started doing dual ssb all of a sudden the rx and tx both can be heard like if i am on usb people can hear me on lsb and i can also receive lsb and vice versa..Can anyone else ever seen this or maybe point me in the right direction,I am thinking maybe the car unit?Thanks
> > > > >
> > > >
> > > > Cant tell if your on usb or lower if it were not for the indicator on the display you would never know what mode you were in.I get good audio reports from lsb to usb and vice versa..
> > >
> > > Radio has never been modified in any way
> >
>
Cliff the filters are on 2.4 no matter where you set them you get the same results.Need to figure this out its driving me nuts..

10782. Re: TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-29 18:04:48 UTC
From: Ramon DU1FV
Topic: 10654 Message: 10782

i came across this article that might help explain the degraded lcd performance:

In order to reappear the color natural light and light from back light, such polarizer are required that have flat transmittance in all visible area.
As the old polarizer absorbs the light more in short wavelength area, it causes the whiet display to yellowish. Inorder to improve this phenomenon, trying to increase the ransmittance at short wavelength area, black display at cross condition will be bluish and contrast ratio will be decreased.
This polarizer has such preformance as paper-white at white display, controlling yellowish at white display and bluish at black display.

from:
http://www.sanritz-corp.co.jp/english/products/polarizer/super_highcontrast.html

10783. TS-850Sat for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-30 03:18:45 UTC
From: dr7zyq
Topic: 10783 Message: 10783

I am selling my Kenwood TS-850Sat. This radio is in very, very excellent conditon, cosmetic and operational.

It does not include any accessory filters, but does include the voice enunciator module (VS-2), the digital recorder unit (DRU-2), and, of course, the auto antenna tuner.

The serial number is 7-------, and the carrier board caps are just fine.

Included, in addition to the modules mentioned above, are the original user manual, original service manual, hand mic and power cord.

$675.00 shipped within ConUS only.

Shipping will be double boxed and via FedEx, with signature required upon delivery. Payment only by USPS postal money order and I will only sell to a licensed ham. The delivery address must be your QRZ address.

Thanks,

David, WA7ZYQ

10784. Wanted TS-850S Key socket

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-30 16:24:33 UTC
From: Tony
Topic: 10784 Message: 10784

Hi
freak event caused the morse key socket on my TS850S to become badly damaged, I need to replace the socket as it is unusable.
Does anyone have a socket or know of a way to connect wire up and external stereo socket for keying and sidetone to the PCB carrying the socket key socket?
thanks and 73
Tony G3ZRJ

10785. Re: Wanted TS-850S Key socket

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-31 11:39:04 UTC
From: villy.madsen
Topic: 10784 Message: 10785

Tony

from
http://www.radiomods.co.nz/kenwood/kenwoodts850.html

One of the minor draw backs to the TS-850 as a CW contest machine is the inability to use the internal keyer in conjunction with an external keying circuit such as a personal computer or auxiliary memory keyer. As designed you must manually throw a switch from internal to external keying to switch between one or the other. To make matters even more inconvenient this switch is on the back of the unit and is not readily accessible during normal operation.

Simply said this modification involves running a new keying line from the junction of S1 and D51 on the IF Board. For convenience this additional keying line can be wired to the DSP1 and/or DSP2 RCA phono jacks if you do not use the external DSP unit.

The modification to the unit to resolve this problem takes less than 30 minutes to accomplish and can be done without "permanently" modifying the unit which would detract from its future resale value. If you don't use the external DSP unit then the two RCA phono jacks marked DSP1 and DSP2 can be used as additional keying input jacks as will be outlined below. If you use the external DSP unit then the modification can still be accomplished by running the external keying line out on a "pigtail." I highly recommend the purchase of a service manual which will greatly improve your ability to indentify the circuit points involved in the modification.
Considering that the radio costs $1500 what's another $30 to keep from messing it up! By the way compared to the two TS-930's that I nursed through the 80's, this radio is a breeze to trouble shoot and repair which I have had to do twice through no fault of Kenwood (long stupid story ~8>).

From here you proceed at your own risk, if you fry the radio DON'T CALL ME. A precision low wattage solder pencil for doing surface mount soldering is recommended, If all you have is a 150 watt Weller solder gun then read no farther your better off taking the unit to an expert rather than "melt" the circuit traces.

I assume no risk for the accuracy or completeness of the enclosed information. All yee who enter here embrace all hope for you may likely have a better contest radio when you are done.

Turn the unit upside down with the back of the TS-850 toward you.

Remove the bottom cover.

In this position the IF board is on your left.

Remove all the screws holding the IF board to the chassis.
(put them in a jar or something for safe keeping).

Unplug enough of the cabling to allow you to tilt the board up so that you can access the bottom side of the board underneath S1 the "External/Internal" keying switch.

On the bottom side of the board directly underneath S1 you will see 6 solder pads arranged in two rows of three pads each.

The middle pad on S1 nearest the back of the radio should be GROUND, solder the braid of an approximately 9 inch piece of small audio style shielded cable to this point, being careful to dress the coax so as not to short to other circuitry.

The middle pad on S1 in the next row up of three pads is the keying line. Solder the center of the shielded cable to this point.

Route the other end of the shielded audio cable through the chassis in the vicinity of the DSP jacks above.

Carefully inspect all solder joints for shorts, etc. Replug the wire harnesses unplugged in step 5 above and reassemble the board to housing. Reassemble the bottom cover.

Turn the unit over and remove the top cover.

Find the DSP input board with the three RCA phono jacks on it at the rear of the unit. The two DSP jacks are on the right when facing the rear of the unit. There are two connectors on this board (a 2pin and a 4pin). Unplug the 4 pin connector. Obtain another 4 pin connector and connect as follows (or directly solder to the underside of the board as follows) If you only need one additional CW jack then ground is pin 2 (closer to center of the radio)connect the braid of your new key line to this pin. The input from the middle RCA phono plug is pin 1 connect the ceneter conductor to this pin. Like wise if you want two additional CW jacks then do as above plus add a short between pins 1 and 3. If you want a small RF choke or some ferrite beads on the center conductor of the audio cable may prevent keying problems in high RF field environments...

Close the unit up and switch S1 to INTERNAL keying. You should now be able to key the unit via the internal keyer (Via the standard key input jack) or with an external keyer or computer via the old DSP jacks, without having to switch S1.

--- In TS-850_450_690@yahoogroups.com, Tony <g3zrj.morsekey@...> wrote:
>
> Hi
> freak event caused the morse key socket on my TS850S to become badly
> damaged, I need to replace the socket as it is unusable.
> Does anyone have a socket or know of a way to connect wire up and
> external stereo socket for keying and sidetone to the PCB carrying the
> socket key socket?
> thanks and 73
> Tony G3ZRJ
>

10786. Of a TS850 sat, Filters VBT and other Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-31 15:15:23 UTC
From: villy.madsen
Topic: 10786 Message: 10786

As some may recall,
about a year ago I purchased a couple of the 2.1khz filters from InRad and installed them in the "500 hz" slots in my TS-850.

They worked great, except that the VBT did not work as expected in the CW mode. (SSB & RTTY mode, no problem.

Also the installed SSB filters worked fine with the VBT in CW mode (and the other modes).

After a lot of thought on the subject and some experimentation I am now postulating that the issue is the software in the rig. My thoughts are that the programmers reasoned that:

if someone is picking the 500hz postition:
1) in SSB mode, it must be because he has put some SSB with filters in it & there gave the VBT tuning a range of + 2.5 khz...
2) in CW mode, because he has 500 hz filters & so doesn't want as much VBT range as in 1).
3) in RTTY mode, hasn't got a clue & so provides a range wide enough to handle a voice filter in this position.

4) when the built-in 2.7 khz filters are selected, the VBT works as expected in all modes..

Some testing using a DSP product on the computer to display the rx audio out seems to support the above theory.

So, the question that i have is....

I am very happy with the 2.1 khz inrads for SSB use.

Is there any reason why I couldn't replace the provided 2.7khz filters (that are hardwired in) with the inrad 2.1 khz filters (after dismounting them of course) ???

There might be some loss of fidelity, but the 2.1 khz filters sound fine to me & most of my operations are contest anyway...

Villy

ve6sq

10787. Re: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-20 16:59:05 UTC
From: Harvey Bauss
Topic: 10710 Message: 10787

Thanks Clif. It's just sit and wait now. Harvey
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 20, 2011 11:33 AM
Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb

Now you need for it to quit so you can check them again. If it's a DDS IC I've never had any luck with heat or freeze affecting them. They quit when they want to.

Clif

--- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@...> wrote:
>
> Clif,
> I just measured the frequencies and here is what I got:
> LO-1 4.748594MHz
> LO-3 8.375055MHz
> CAR 456.426 KHz
> But now it is working, I think I have an intermittent problem or a temp problem. It did this a few days ago after I let it set overnight it came back on, but the next day it was dead.
> You replaced C1 on the CAR board and D31 on the RF board about 2 years ago.
> what do you think?
> Harvey
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 19, 2011 11:32 AM
> Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
>
>
>
>
> You need a frequency counter to find out for sure.
>
> Set the radio to 14.200 USB and measure the following;
> LO-1 4.748390 mHZ IC1
> LO-3 8.375139 mHZ IC2
> Car 456478 kHZ IC4 Most likely.
>
> all are plus/minus 1-200 hz depending on reference oscillator.
>
> If one of them goes bad the frequency will be way off if it exists.
>
> Clif

>
> --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> >
> > Clif,
> > No leaking capacitors, and the DDS's are 6631. How do I tell if one of these chips is bad? Any other suggestions
> > Harvey
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, October 17, 2011 5:53 PM
> > Subject: [TS-850_450_690] Re: TS-850 almost dead audio on ssb
> >
> >
> >
> > If it's still working on AM cross your fingers and check the Car board for leaking caps and hope you find some. If there are no leaking caps it could be a DDS IC. Look at the IC's are they 6631 or 66312?
> >
> > --- In TS-850_450_690@yahoogroups.com, "Harvey Bauss" <harveybauss@> wrote:
> > >
> > > I have checked all the obvious. All bands are the same, I did try API, the attenuator switches are in the proper position. This morning when I checked the radio it was working, after about an hour it went dead again. Must be a temp problem. With the audio control turned up all the way I can just barely hear the audio and it was distorted. Harvey
> > > ----- Original Message -----
> > > From: Dave Gmail
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Monday, October 17, 2011 5:14 PM
> > > Subject: RE: [TS-850_450_690] TS-850 almost dead audio on ssb
> > >
> > >
> > >
> > > How are the other bands??? Did you tap the aip, or either of the
> > > attenuators switches.
> > >
> > > Is your antenna still in the air.
> > >
> > > Check obvious first, then decide if the radio is at fault
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of Harvey
> > > Sent: October-16-11 11:54 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-850 almost dead audio on ssb
> > >
> > > I was listening on 80m ssb and the receiver went almost dead. On AM i can
> > > receive fine. any ideas?
> > >

> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10788. DDS chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-21 14:12:07 UTC
From: villy.madsen
Topic: 2986 Message: 10788

I'm lucky, my TS850sat has the new chips in it. I am wondering though if anyone has a copy of the detailed specs for the chips. It sounds crazy, but I wonder if it would not be possible to design a replacement for the CAR board.

The easiest would be if the outputs from the micro to the CAR board are completely documented. One would probably have to put a micro on the new board to do some "translation" - but maybe it's not quite as crazy an idea as it sounds...

Villy

ve6sq

10789. Re: TS850 LCD problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-10-21 04:57:27 UTC
From: Ramon DU1FV
Topic: 10654 Message: 10789

Hello!
FWIW i read this

"WHEN DOES THE POLARIZER FILM NEED TO BE REPLACED ?
The polarizer film covers the front as well as the back of the glass substrate. The polarizer film which covers the front of the glass substrate is the film that is seen by the user. Often, this polarizer film is scratched, damaged, torn or even melted by having spilled hot liquids over it. In all these cases, the front polarizer film needs to be replaced.

The polarizer film, which is on the back of the LCD glass substrate often shows melting sign because of prolonged higher temperatures on the inside of the LCD glass. In this case, the user will experience loss of contrast and color, an unclear image, etc. In this case, the back-side polarizer film needs to be replaced."

from

http://www.febalcdrepair.com/?title=polarizer_filmreplacement&menuid=12

regards,
Mon DU1FV

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
> Hi to all,
>
> I just want to ask if anyone tried to repair the 850 lcd display? Iam working on a TS850 with damage LCD after the capacitor leak, it damages the inverter ciruit and other parts under the capacitor due to years in storage only.
>
> I repair the inverter and other parts but now viewing the LCD requires an angle point or view angle. The only parts visible with direct view is the S-meter side, does anyone tried to do some repair in the Glass LCD itself? i was thinking the plastic film on top of the glass may cause it. Any possible repair technique with the glass LCD?
>
> I know a complete assy on ebay is some times available but i want to try repairing it, ebay is last option.
>
> Thank you
> Alex
>

10790. Re: [TS-850_450_690] TS-850Sat for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-02 15:44:41 UTC
From: David Rogers
Topic: 10783 Message: 10790

The radio has been sold.

Thanks,

David, WA7ZYQ

----- Original Message -----
From: dr7zyq
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 29, 2011 8:18 PM
Subject: [TS-850_450_690] TS-850Sat for sale

I am selling my Kenwood TS-850Sat. This radio is in very, very excellent conditon, cosmetic and operational.

It does not include any accessory filters, but does include the voice enunciator module (VS-2), the digital recorder unit (DRU-2), and, of course, the auto antenna tuner.

The serial number is 7-------, and the carrier board caps are just fine.

Included, in addition to the modules mentioned above, are the original user manual, original service manual, hand mic and power cord.

$675.00 shipped within ConUS only.

Shipping will be double boxed and via FedEx, with signature required upon delivery. Payment only by USPS postal money order and I will only sell to a licensed ham. The delivery address must be your QRZ address.

Thanks,

David, WA7ZYQ

[Non-text portions of this message have been removed]

10791. TS-950SD in box

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-02 17:22:30 UTC
From: Anthony W. DePrato
Topic: 10729 Message: 10791

>I have a like new TS 950SD STILL IN THE BOX FROM KENWOOD. It was my
>mothers she used it about 4 or 5 hours and the power suppy bias ckt
>went out. it went back to kenwood and the updates were installed.
>sad to say she became a SK before it came back and i never had the
>heart to open and use it as i have one of my own bought two at the
>same time. it has ssb and cw filters installed 4 if i recall but
>there may very well be more as i had 5 put in mine when i bought it
>and i think hers was the same. seems like 1.8 500 and 250 in the
>IF's . i will consider offers if anyone is interested.

73 Tony

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10792. Kenwood DSP-100 for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-02 19:09:54 UTC
From: jlberry
Topic: 10792 Message: 10792

I am selling my Kenwood DSP-100. The unit is in very nice condition, both cosmetic and operationally.

Cables and real panel connectors are solid.

The serial number is 211######.
I have original box and copy of printed manual. Hi-res pictures available on request.

$575.00 shipped in continental US only. HI & AK added actual cost.

Shipping will be double boxed and via UPS. Pay by USPS money order, certified check or PayPal.

73,
Jack, WE5ST

10793. 850 battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-03 01:47:03 UTC
From: n5tog
Topic: 10793 Message: 10793

Hello to the group i have a ts 850 and checking the caps for leaking on carrier board no leaks,and the new chips are in there luck,,,,,, now the battery no leaks on bottom of board and the battery volts read 3.31 i can`t,, c under the battery ??????????should i go ahead and replace the battery or let it go Harold n5tog

10794. Re: 850 battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-03 04:31:30 UTC
From: avvidclif
Topic: 10793 Message: 10794

Did you look at the back of the battery? Tilt it over and look for white powder on the back. If the SN is over 4xxx it's probably ok, feeling lucky?

Clif

--- In TS-850_450_690@yahoogroups.com, "n5tog" <n5tog@...> wrote:
>
> Hello to the group i have a ts 850 and checking the caps for leaking on carrier board no leaks,and the new chips are in there luck,,,,,, now the battery no leaks on bottom of board and the battery volts read 3.31 i can`t,, c under the battery ??????????should i go ahead and replace the battery or let it go Harold n5tog
>

10795. Re: 850 battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-04 00:07:46 UTC
From: james
Topic: 10793 Message: 10795

Thanks for reply clif the battery was clean under it but i replaced any way I DO HAVE LOW AUDIO,,, and i do not see any cap leaking at all ,,look like new board i see the cap c1 on carrier board if leaking can cause this prob... with agc line under it ,,,should i remove c1 so i can look under it or any other things to check Harold n5tog

[Non-text portions of this message have been removed]

10796. Re: 850 battery and low audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-04 02:32:01 UTC
From: james
Topic: 10796 Message: 10796

I have noted the touching my finger to ext speaker jack on rear to mute all sound it dont do thet on my other 850

[Non-text portions of this message have been removed]

10797. Re: 850 battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-04 14:07:18 UTC
From: avvidclif
Topic: 10793 Message: 10797

I don't know where your info comes from but the AGC line doesn't even go to the Car unit. That's the TXB line under C1.

Just replace C187 on the IF unit and see what happens.

Clif

--- In TS-850_450_690@yahoogroups.com, "james" <n5tog@...> wrote:
>
> Thanks for reply clif the battery was clean under it but i replaced any way I DO HAVE LOW AUDIO,,, and i do not see any cap leaking at all ,,look like new board i see the cap c1 on carrier board if leaking can cause this prob... with agc line under it ,,,should i remove c1 so i can look under it or any other things to check Harold n5tog
>
> [Non-text portions of this message have been removed]
>

10798. Re: 850 battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-04 22:52:38 UTC
From: james
Topic: 10793 Message: 10798

Thanks cliff c 187 did it,,u could not see any leaking though with out pulling it,,is there any other caps that i should pull and check, there is no sign of leaks with them in there(((IT STILL WILL MUTE IF I PUT MY FINGER ON THE REAR PANEL,, EXT... SPEAKER JACK ????? BUT IS WORKING FLAWLESS OTHER WISE THANKS Harold n5tog

[Non-text portions of this message have been removed]

10799. Re: 850 battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-05 19:00:56 UTC
From: Bryan
Topic: 10793 Message: 10799

That sounds like a bad solder joint on the PCB for the EXT SP jack, or a defective jack.

vy 73,
Bryan WA7PRC

Harold n5tog wrote:
>
> IT STILL WILL MUTE IF I PUT MY FINGER ON THE REAR PANEL,, EXT... SPEAKER JACK ????? BUT IS WORKING FLAWLESS OTHER WISE THANKS Harold n5tog

10800. TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-06 05:13:29 UTC
From: k9zy
Topic: 10800 Message: 10800

Consider a TS-850SAT purchase, because I understand the slope tune is excellent for audio reception and removing noise. I use the TS-450SAT today with a JPS NIR-12 Noise and Interference reducer... and it works quite well at cutting the band noise I have in my area (S7 to S9 on 40, 80, and 20 meters usually). The 450 is stock, so no additional SSB filters. I can adjust the 8.83 to the 6K and 2.4K settings, and the 455 to the 12K 6K and 2.4K settings, but not 500 on either, so I'm assuming this is stock) I'm work only in SSB.

For you 850 users, what will I get by moving up?
And... I've got a 380XXXX serial number 850 rig I'm considering. I'm told it has teh newer DDS chips (5 digit). Will I see cap issues, and other problems I need to check for? If this is a problematic year, what serial number category do I look for?

Many thanks for the advice.

Mark
K9ZY
P.S. I'm considering the slightly older TS-940SAT as well, if you have thoughts on it versus the 850.

10801. Re: [TS-850_450_690] TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-06 13:50:55 UTC
From: Crownhaven
Topic: 10800 Message: 10801

I have a TS-450S and an 850S. You are going to see more selectivity out of the 850. The slope tuning is helpful. I like both radios and have a full compliment of CW filters as well as one SSB filter in each of them. I have never owned a TS-940S but they reportedly suffer from excessive phase noise. I would read the ARRL review of the TS-850S. At the time it was written, they claimed it was the best HF radio they had tested to date. If I was buying a new radio and could afford it, I would grab a TS-590S. I have one and it is superior to both the 450 and 850. I am primarily a CW op.

Steve, N4JQQ

k9zy wrote:
>
> Consider a TS-850SAT purchase, because I understand the slope tune is
> excellent for audio reception and removing noise. I use the TS-450SAT
> today with a JPS NIR-12 Noise and Interference reducer... and it works
> quite well at cutting the band noise I have in my area (S7 to S9 on
> 40, 80, and 20 meters usually). The 450 is stock, so no additional SSB
> filters. I can adjust the 8.83 to the 6K and 2.4K settings, and the
> 455 to the 12K 6K and 2.4K settings, but not 500 on either, so I'm
> assuming this is stock) I'm work only in SSB.
>
> For you 850 users, what will I get by moving up?
> And... I've got a 380XXXX serial number 850 rig I'm considering. I'm
> told it has teh newer DDS chips (5 digit). Will I see cap issues, and
> other problems I need to check for? If this is a problematic year,
> what serial number category do I look for?
>
> Many thanks for the advice.
>
> Mark
> K9ZY
> P.S. I'm considering the slightly older TS-940SAT as well, if you have
> thoughts on it versus the 850.
>
>

10802. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-06 16:43:29 UTC
From: ah6rr1
Topic: 10800 Message: 10802

First of all if they are the newer DDS chips you should be fine. The caps on the CAR board should be checked out and the memory Battery needs to checked out also. As for the Slope tuning it does help with noise but not a lot but the NIR-12 will be a very useful addition. Now as for filters I recomend a upgrade to Inrad 2.1Khz filters in both IF's (455 & 8.83) if you do SSB. Also an addition of a 400Hz filter for the 8.83 IF is great for Digital modes. And if you really want to make it a good contest rig the Inrad Roofing filter Kit is an excellent addition. The 850 is a fantastic rig mine just keeps chugging along after 6 years of DXing and Contesting. Have fun with the 850.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "k9zy" <k9zy@...> wrote:
>
> Consider a TS-850SAT purchase, because I understand the slope tune is excellent for audio reception and removing noise. I use the TS-450SAT today with a JPS NIR-12 Noise and Interference reducer... and it works quite well at cutting the band noise I have in my area (S7 to S9 on 40, 80, and 20 meters usually). The 450 is stock, so no additional SSB filters. I can adjust the 8.83 to the 6K and 2.4K settings, and the 455 to the 12K 6K and 2.4K settings, but not 500 on either, so I'm assuming this is stock) I'm work only in SSB.
>
> For you 850 users, what will I get by moving up?
> And... I've got a 380XXXX serial number 850 rig I'm considering. I'm told it has teh newer DDS chips (5 digit). Will I see cap issues, and other problems I need to check for? If this is a problematic year, what serial number category do I look for?
>
> Many thanks for the advice.
>
> Mark
> K9ZY
> P.S. I'm considering the slightly older TS-940SAT as well, if you have thoughts on it versus the 850.
>

10803. Re: [TS-850_450_690] Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-06 17:16:20 UTC
From: Crownhaven
Topic: 10800 Message: 10803

I should have mentioned, one of my two TS-850S does have the two INRAD
400 Hz filters. As I mentioned earlier, I'm a CW op. Great points Roland.

Steve, N4JQQ

ah6rr1 wrote:
>
> First of all if they are the newer DDS chips you should be fine. The
> caps on the CAR board should be checked out and the memory Battery
> needs to checked out also. As for the Slope tuning it does help with
> noise but not a lot but the NIR-12 will be a very useful addition. Now
> as for filters I recomend a upgrade to Inrad 2.1Khz filters in both
> IF's (455 & 8.83) if you do SSB. Also an addition of a 400Hz filter
> for the 8.83 IF is great for Digital modes. And if you really want to
> make it a good contest rig the Inrad Roofing filter Kit is an
> excellent addition. The 850 is a fantastic rig mine just keeps
> chugging along after 6 years of DXing and Contesting. Have fun with
> the 850.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "k9zy" <k9zy@...> wrote:
> >
> > Consider a TS-850SAT purchase, because I understand the slope tune
> is excellent for audio reception and removing noise. I use the
> TS-450SAT today with a JPS NIR-12 Noise and Interference reducer...
> and it works quite well at cutting the band noise I have in my area
> (S7 to S9 on 40, 80, and 20 meters usually). The 450 is stock, so no
> additional SSB filters. I can adjust the 8.83 to the 6K and 2.4K
> settings, and the 455 to the 12K 6K and 2.4K settings, but not 500 on
> either, so I'm assuming this is stock) I'm work only in SSB.
> >
> > For you 850 users, what will I get by moving up?
> > And... I've got a 380XXXX serial number 850 rig I'm considering. I'm
> told it has teh newer DDS chips (5 digit). Will I see cap issues, and
> other problems I need to check for? If this is a problematic year,
> what serial number category do I look for?
> >
> > Many thanks for the advice.
> >
> > Mark
> > K9ZY
> > P.S. I'm considering the slightly older TS-940SAT as well, if you
> have thoughts on it versus the 850.

> >
>
>

10804. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-06 23:22:29 UTC
From: rick54045
Topic: 10800 Message: 10804

In addition to the previous comments, The TS-850 as an option has a digital recorning unit that allows you to write and play back 3 voice messages. These messages can be accessed remotely with a simple push button and resistor network circuit. This will save wear and tear on the front panel keys.

N7DLV

--- In TS-850_450_690@yahoogroups.com, "k9zy" <k9zy@...> wrote:
>
> Consider a TS-850SAT purchase, because I understand the slope tune is excellent for audio reception and removing noise. I use the TS-450SAT today with a JPS NIR-12 Noise and Interference reducer... and it works quite well at cutting the band noise I have in my area (S7 to S9 on 40, 80, and 20 meters usually). The 450 is stock, so no additional SSB filters. I can adjust the 8.83 to the 6K and 2.4K settings, and the 455 to the 12K 6K and 2.4K settings, but not 500 on either, so I'm assuming this is stock) I'm work only in SSB.
>
> For you 850 users, what will I get by moving up?
> And... I've got a 380XXXX serial number 850 rig I'm considering. I'm told it has teh newer DDS chips (5 digit). Will I see cap issues, and other problems I need to check for? If this is a problematic year, what serial number category do I look for?
>
> Many thanks for the advice.
>
> Mark
> K9ZY
> P.S. I'm considering the slightly older TS-940SAT as well, if you have thoughts on it versus the 850.
>

10805. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-07 14:49:41 UTC
From: villy.madsen
Topic: 10800 Message: 10805

I really like my TS-850. I bought it news years ago - but for various and sundry reasons had very few hours on it when I finally got my act to-gether about 18 months ago.

The only real problem that I had with it was having to replace the VCO 2 trimmer. A real pain..

Most of my operating is in contests - RTTY, CW & SSB

I bought a couple of 2.1 khz INRAD filters and recently a roofing filter.

The 2.1 KHZ filters are great for SSB, and when using them with the VBT for RTTY. A couple of 400 hz filters would probably be better (for RTTY) but I doubt that there would be enough of an improvement to justify the $300 cost.

The VBT with the 2.1 khz filters doesn't do much of anything for CW (I think that it's software issue - I posted something about a week ago) . - Right now, I use the VBT with the 2.7 khz filters - it works but not as well as I would like. This problem could be releaved somewhat by use of a DSP of some kind. I am tempted to try one of the the computer based options although the amount of computer activity that is going on now is almost excessive.

I have sort of kicked around the idea of taking the original 2.7 khz filters out and wiring the inrad 2.1s in their place & then putting a couple of inrad 500hz filters where the 2.1s where, but that would be a $300 hit...

What I will likely do is buy a 400hz 8.83 filter & stick it in the last empty filter slot. $130 is a little easier to justify to the exchequer than $300 - and of course I just spent $200 for the roofing filter.

I will say, that the combination of the 2x 2.1khz and roofing filter appears to work like gangbusters on SSB. Worked the CQ WW SSB contest last month and noticed little issues with bleed through of strong signals. Tuning is sometimes a little more of an issue depending upon the quality of the other station's audio.
I find that running the TS-850 with
1) the AIP (advanced Intercept Point) turned on (which actually turns the pre-amp off.
2) Manual RF gain control
3) AGC off
4) RF pads as required to reduce the atmospheric noise to nothing

makes a difference . I rarely touch the AF control - I usually ride the RF Gain - which on the -850 is concentric with the AF gain control anyway.

If I had the dollars & could find a late model ts850 I would not hesitate to buy it in an instant - nothing like having a standby!

Villy ve6sq

10806. TS-450S - bad 6K 455 filter?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-07 08:08:51 UTC
From: darren.ream
Topic: 10806 Message: 10806

Hi all,

I just bought a very nice TS-450S (304xxx SN) from the original owner. So far everything seems to be working well with the radio, except for one possible issue: when switching to the 6K 455 filter, the noise and audio level goes *up* compared to the 12k filter. The 2.4k filter is nice and quiet as expected. The 6k 8.83 filter also quiets the receiver compared to the thru setting also as expected. The receive audio is nice and loud so the audio circuit seems ok. It is almost like the 6k 455 filter setting is more like a "thru" setting. I take it this is not normal behavior for the filter, but having no previous experience with the TS-450S, I thought I'd run it past the members of this board.

Is this an indication of a bad 6k 455 filter? Also, the previous owner had the C104 capacitor replaced which was leaking. There seems to have been some small amount of damage to the traces as well as extra solder on them from the repair. Is it possible that this may be the cause of my filter issue? Do I need to remove the 455 filters to see if there is any damage underneath?

Otherwise it's perfect. I love this little radio.

Thanks,
Darren
K7DKE

10807. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-08 16:43:20 UTC
From: ah6rr1
Topic: 10800 Message: 10807

Villy,

My 850 is setup for filters like yours. But I do have a 400Hz filter also in the 8.MHz IF along with the 2.kHz filter and that combo works great for CW/RTTY. I was one of the first to get the Inrad Roofing filter and it is IHO the best for SSB contesting. So yes the $130 for the 400Hz is well worth it. Another addition if you want a great station is the addition of a 3 or 4 element SteppIR antenna of course it adds alot more on the cost of the radio but well worth it hi hi. With this setup and a SB-220 I have placed first in my catagory in Oceania many times I even got a first in the World in the 2010 CQWWWPX SSB for SOSB (A)20M Triband/Wires and my 3element SteppIR is only 33ft off the ground. Of course having a KH6 area call adds 300Db onto your signal ;-)

73 and gud DX
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
>
> I really like my TS-850. I bought it news years ago - but for various and sundry reasons had very few hours on it when I finally got my act to-gether about 18 months ago.
>
> The only real problem that I had with it was having to replace the VCO 2 trimmer. A real pain..
>
> Most of my operating is in contests - RTTY, CW & SSB
>
> I bought a couple of 2.1 khz INRAD filters and recently a roofing filter.
>
> The 2.1 KHZ filters are great for SSB, and when using them with the VBT for RTTY. A couple of 400 hz filters would probably be better (for RTTY) but I doubt that there would be enough of an improvement to justify the $300 cost.
>
> The VBT with the 2.1 khz filters doesn't do much of anything for CW (I think that it's software issue - I posted something about a week ago) . - Right now, I use the VBT with the 2.7 khz filters - it works but not as well as I would like. This problem could be releaved somewhat by use of a DSP of some kind. I am tempted to try one of the the computer based options although the amount of computer activity that is going on now is almost excessive.
>
> I have sort of kicked around the idea of taking the original 2.7 khz filters out and wiring the inrad 2.1s in their place & then putting a couple of inrad 500hz filters where the 2.1s where, but that would be a $300 hit...
>
> What I will likely do is buy a 400hz 8.83 filter & stick it in the last empty filter slot. $130 is a little easier to justify to the exchequer than $300 - and of course I just spent $200 for the roofing filter.
>

> I will say, that the combination of the 2x 2.1khz and roofing filter appears to work like gangbusters on SSB. Worked the CQ WW SSB contest last month and noticed little issues with bleed through of strong signals. Tuning is sometimes a little more of an issue depending upon the quality of the other station's audio.
> I find that running the TS-850 with
> 1) the AIP (advanced Intercept Point) turned on (which actually turns the pre-amp off.
> 2) Manual RF gain control
> 3) AGC off
> 4) RF pads as required to reduce the atmospheric noise to nothing
>
> makes a difference . I rarely touch the AF control - I usually ride the RF Gain - which on the -850 is concentric with the AF gain control anyway.
>
> If I had the dollars & could find a late model ts850 I would not hesitate to buy it in an instant - nothing like having a standby!
>
> Villy ve6sq
>

10808. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-08 18:11:07 UTC
From: villy.madsen
Topic: 10800 Message: 10808

Thanks for that Roland.

I got a real chance to test out the roofing filter last night..

I was in QSO with VE7SQ when someone broke in. I could almost see the smoke pouring out of the receiver.. He was less than a km away from me with a dxcc antenna.

If the TS850 had an s meter it would have been wrapped around the stop!

As it was - I had to get almost 20 khz away from him before he dropped completely out of the picture !!!!

I wonder what it would have been without the roofing filter!!

I've been very happy with my BigIr. A beam would have been nice - but just not enough realestate - as it is, it's much close to the house than I would like and it is very radial poor.

On the other hand - managed 24 mode/band contacts for the recent Christmas Island operation - including 80 cw/ssb (with an honest 59 from them on SSB).

Heard them on 160 CW - too bad that there is no 160m loading coil available!!.

Had some fun in the recent CW SS, hopped to pick up some stragglers for CW WAS but no such luck - at least not yet (maybe someone hasn't updated theiry LOTW acct yet). Got the RTTY WAS last year (RTTY operators are 50% more likely to use LOTW!).

Maybe, I ask Santa for the 400 hz 8.83mhz filter for Christmas.

Villy ve6sq

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Villy,
>
> My 850 is setup for filters like yours. But I do have a 400Hz filter also in the 8.MHz IF along with the 2.kHz filter and that combo works great for CW/RTTY. I was one of the first to get the Inrad Roofing filter and it is IHO the best for SSB contesting. So yes the $130 for the 400Hz is well worth it. Another addition if you want a great station is the addition of a 3 or 4 element SteppIR antenna of course it adds alot more on the cost of the radio but well worth it hi hi. With this setup and a SB-220 I have placed first in my catagory in Oceania many times I even got a first in the World in the 2010 CQWWWPX SSB for SOSB (A)20M Triband/Wires and my 3element SteppIR is only 33ft off the ground. Of course having a KH6 area call adds 300Db onto your signal ;-)
>
> 73 and gud DX
> Roland AH6RR
>

> --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> >
> >
> > I really like my TS-850. I bought it news years ago - but for various and sundry reasons had very few hours on it when I finally got my act to-gether about 18 months ago.
> >
> > The only real problem that I had with it was having to replace the VCO 2 trimmer. A real pain..
> >
> > Most of my operating is in contests - RTTY, CW & SSB
> >
> > I bought a couple of 2.1 khz INRAD filters and recently a roofing filter.
> >
> > The 2.1 KHZ filters are great for SSB, and when using them with the VBT for RTTY. A couple of 400 hz filters would probably be better (for RTTY) but I doubt that there would be enough of an improvement to justify the $300 cost.
> >
> > The VBT with the 2.1 khz filters doesn't do much of anything for CW (I think that it's software issue - I posted something about a week ago) . - Right now, I use the VBT with the 2.7 khz filters - it works but not as well as I would like. This problem could be releaved somewhat by use of a DSP of some kind. I am tempted to try one of the the computer based options although the amount of computer activity that is going on now is almost excessive.
> >
> > I have sort of kicked around the idea of taking the original 2.7 khz filters out and wiring the inrad 2.1s in their place & then putting a couple of inrad 500hz filters where the 2.1s where, but that would be a $300 hit...
> >
> > What I will likely do is buy a 400hz 8.83 filter & stick it in the last empty filter slot. $130 is a little easier to justify to the exchequer than $300 - and of course I just spent $200 for the roofing filter.
> >
> > I will say, that the combination of the 2x 2.1khz and roofing filter appears to work like gangbusters on SSB. Worked the CQ WW SSB contest last month and noticed little issues with bleed through of strong signals. Tuning is sometimes a little more of an issue depending upon the quality of the other station's audio.
> > I find that running the TS-850 with
> > 1) the AIP (advanced Intercept Point) turned on (which actually turns the pre-amp off.
> > 2) Manual RF gain control
> > 3) AGC off
> > 4) RF pads as required to reduce the atmospheric noise to nothing
> >
> > makes a difference . I rarely touch the AF control - I usually ride the RF Gain - which on the -850 is concentric with the AF gain control anyway.
> >
> > If I had the dollars & could find a late model ts850 I would not hesitate to buy it in an instant - nothing like having a standby!
> >
> > Villy ve6sq
> >
>

10809. Re: TS-450S - bad 6K 455 filter?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-08 18:50:05 UTC
From: Rob
Topic: 10806 Message: 10809

Hi Darren

This could well be so. My 690 also had the cap "go" which I replaced and gave the board a good clean - had the agc acting up. This was several years ago. Obviously I did not catch it quick enough and recently I experienced the same on the 455KHz 6KHz setting except mine was attenuated quite a bit. I removed it and replaced it with another one and inspection of the underside of the removed one revealed cracks in the plastic around the pins. So this may have arisen from some of the fluid from the leaky cap seeping into the filter or just humidity over time that may have corroded the internal connections to the crystal.
I had a "used" one off a comercial 455KHz IF strip so had nothing to loose. If I recall it's a 455HT IF filter.

Regards

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Hi all,
>
> I just bought a very nice TS-450S (304xxx SN) from the original owner. So far everything seems to be working well with the radio, except for one possible issue: when switching to the 6K 455 filter, the noise and audio level goes *up* compared to the 12k filter. The 2.4k filter is nice and quiet as expected. The 6k 8.83 filter also quiets the receiver compared to the thru setting also as expected. The receive audio is nice and loud so the audio circuit seems ok. It is almost like the 6k 455 filter setting is more like a "thru" setting. I take it this is not normal behavior for the filter, but having no previous experience with the TS-450S, I thought I'd run it past the members of this board.
>
> Is this an indication of a bad 6k 455 filter? Also, the previous owner had the C104 capacitor replaced which was leaking. There seems to have been some small amount of damage to the traces as well as extra solder on them from the repair. Is it possible that this may be the cause of my filter issue? Do I need to remove the 455 filters to see if there is any damage underneath?
>
> Otherwise it's perfect. I love this little radio.
>
> Thanks,
> Darren
> K7DKE
>

10810. Re: TS-450S - bad 6K 455 filter?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-09 22:52:00 UTC
From: darren.ream
Topic: 10806 Message: 10810

Ron,

Thank you very much for the insight. I wasn't sure if I was even on the right track linking the C104 cap blowing with the 6k 455 filter issue. I didn't make the connection until I saw that the filter is right next to the C104 cap and close enough that it could have been damaged when the cap went bad. I will remove the cap and the filter, test the traces, resolder everything, and see if that does the trick. If I need to replace the filter, I'm not sure where I could get a new one, direct from Kenwood hopefully or out of a parts radio somehwere.

Really, it's not that big of a deal. The 2.4k filter works great for SSB, the mode I operate most. With the 8.83 filter at 6k and the 455 filter at 2.4, it's superb. The 6k filter would be useful only for AM or maybe hi-fi SSB, neither of which I use, but being a perfectionist, I'd just as soon have that capability if I ever wanted it. Come to think of it, having a working 6k 455 filter may come in handy for SWL.

Thanks,
Darren

--- In TS-850_450_690@yahoogroups.com, "Rob" <robzs5la@...> wrote:
>
> Hi Darren
>
> This could well be so. My 690 also had the cap "go" which I replaced and gave the board a good clean - had the agc acting up. This was several years ago. Obviously I did not catch it quick enough and recently I experienced the same on the 455KHz 6KHz setting except mine was attenuated quite a bit. I removed it and replaced it with another one and inspection of the underside of the removed one revealed cracks in the plastic around the pins. So this may have arisen from some of the fluid from the leaky cap seeping into the filter or just humidity over time that may have corroded the internal connections to the crystal.
> I had a "used" one off a comercial 455KHz IF strip so had nothing to loose. If I recall it's a 455HT IF filter.
>
> Regards
>
> Rob ZS5LA
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> >
> > Hi all,
> >
> > I just bought a very nice TS-450S (304xxx SN) from the original owner. So far everything seems to be working well with the radio, except for one possible issue: when switching to the 6K 455 filter, the noise and audio level goes *up* compared to the 12k

filter. The 2.4k filter is nice and quiet as expected. The 6k 8.83 filter also quiets the receiver compared to the thru setting also as expected. The receive audio is nice and loud so the audio circuit seems ok. It is almost like the 6k 455 filter setting is more like a "thru" setting. I take it this is not normal behavior for the filter, but having no previous experience with the TS-450S, I thought I'd run it past the members of this board.
> >
> > Is this an indication of a bad 6k 455 filter? Also, the previous owner had the C104 capacitor replaced which was leaking. There seems to have been some small amount of damage to the traces as well as extra solder on them from the repair. Is it possible that this may be the cause of my filter issue? Do I need to remove the 455 filters to see if there is any damage underneath?
> >
> > Otherwise it's perfect. I love this little radio.
> >
> > Thanks,
> > Darren
> > K7DKE
> >
>

10811. ts 850,,,, c187 leaking

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-10 01:55:34 UTC
From: n5tog
Topic: 10811 Message: 10811

Hello i replaced c187 and right beside it is L37 a .22 uh inductor,, was fried,, does any one know wear i can get it and could i replace it with a larger value? Thanks Harold n5tog

10812. Thanks to the group...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-10 16:06:43 UTC
From: birchardvilleobservatory
Topic: 10812 Message: 10812

I had been away for a couple months, and when I returned, my TS-850 wouldn't light up. Audio was working, but couldn't see the dark display.

Thanks to all of you who have provided this resource. (C18 on the display driver board had leaked and etched a couple traces on the board. US$ 1.50 at Radio Shack -- I know it was 5x the price, but it was just a block from where I had to be anyway, and at today's fuel prices, it may have been less expensive! -- and an hour of ringing out the circuitry to see which traces needed jumpers.)

(Sorry, Clif -- I thought I'd get to send the radio to you, but... maybe next time).

I've determined my TS-850 is late production -- serial # 309....

Do we expect the caps on the CAR board to be a problem on this later production radio?

Dan AA3LS

10813. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-10 22:35:06 UTC
From: ah6rr1
Topic: 10800 Message: 10813

I have a small lot here but the house is on stilts so I got a 4.5 ft Glenn Martin Roof Tower and my 3 element steppIR is on the roof about 10M high. The lot is covered with landscaping and in is sloped by about 20 degrees since it is on the side of a Volcano (Dormant at this time)and the way the driveway and house are setup no place or a Vertical with radials.

Yea if a very close station is very strong 20Khz is about right to get rid of them in the receiver with he roofing filter 3Khz is fine or a S9+5db or less.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
> Thanks for that Roland.
>
> I got a real chance to test out the roofing filter last night..
>
> I was in QSO with VE7SQ when someone broke in. I could almost see the smoke pouring out of the receiver.. He was less than a km away from me with a dxcc antenna.
>
> If the TS850 had an s meter it would have been wrapped around the stop!
>
> As it was - I had to get almost 20 khz away from him before he dropped completely out of the picture !!!!
>
> I wonder what it would have been without the roofing filter!!
>
> I've been very happy with my BigIr. A beam would have been nice - but just not enough realestate - as it is, it's much close to the house than I would like and it is very radial poor.
>
> On the other hand - managed 24 mode/band contacts for the recent Christmas Island operation - including 80 cw/ssb (with an honest 59 from them on SSB).
>
> Heard them on 160 CW - too bad that there is no 160m loading coil available!!.
>
> Had some fun in the recent CW SS, hopped to pick up some stragglers for CW WAS but no such luck - at least not yet (maybe someone hasn't updated theiry LOTW acct yet). Got the RTTY WAS last year (RTTY operators are 50% more likely to use LOTW!).
>
> Maybe, I ask Santa for the 400 hz 8.83mhz filter for Christmas.
>
> Villy ve6sq
>
>
>

>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > Villy,
> >
> > My 850 is setup for filters like yours. But I do have a 400Hz filter also in the 8.MHz IF along with the 2.kHz filter and that combo works great for CW/RTTY. I was one of the first to get the Inrad Roofing filter and it is IHO the best for SSB contesting. So yes the $130 for the 400Hz is well worth it. Another addition if you want a great station is the addition of a 3 or 4 element SteppIR antenna of course it adds alot more on the cost of the radio but well worth it hi hi. With this setup and a SB-220 I have placed first in my catagory in Oceania many times I even got a first in the World in the 2010 CQWWWPX SSB for SOSB (A)20M Triband/Wires and my 3element SteppIR is only 33ft off the ground. Of course having a KH6 area call adds 300Db onto your signal ;-)
> >
> > 73 and gud DX
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@> wrote:
> > >
> > >
> > > I really like my TS-850. I bought it news years ago - but for various and sundry reasons had very few hours on it when I finally got my act to-gether about 18 months ago.
> > >
> > > The only real problem that I had with it was having to replace the VCO 2 trimmer. A real pain..
> > >
> > > Most of my operating is in contests - RTTY, CW & SSB
> > >
> > > I bought a couple of 2.1 khz INRAD filters and recently a roofing filter.
> > >
> > > The 2.1 KHZ filters are great for SSB, and when using them with the VBT for RTTY. A couple of 400 hz filters would probably be better (for RTTY) but I doubt that there would be enough of an improvement to justify the $300 cost.
> > >
> > > The VBT with the 2.1 khz filters doesn't do much of anything for CW (I think that it's software issue - I posted something about a week ago) . - Right now, I use the VBT with the 2.7 khz filters - it works but not as well as I would like. This problem could be releaved somewhat by use of a DSP of some kind. I am tempted to try one of the the computer based options although the amount of computer activity that is going on now is almost excessive.
> > >
> > > I have sort of kicked around the idea of taking the original 2.7 khz filters out and wiring the inrad 2.1s in their place & then putting a couple of inrad 500hz filters where the 2.1s where, but that would be a $300 hit...
> > >
> > > What I will likely do is buy a 400hz 8.83 filter & stick it in the last empty filter slot. $130 is a little easier to justify to the exchequer than $300 - and of course I just

spent $200 for the roofing filter.
> > >
> > > I will say, that the combination of the 2x 2.1khz and roofing filter appears to work like gangbusters on SSB. Worked the CQ WW SSB contest last month and noticed little issues with bleed through of strong signals. Tuning is sometimes a little more of an issue depending upon the quality of the other station's audio.
> > > I find that running the TS-850 with
> > > 1) the AIP (advanced Intercept Point) turned on (which actually turns the pre-amp off.
> > > 2) Manual RF gain control
> > > 3) AGC off
> > > 4) RF pads as required to reduce the atmospheric noise to nothing
> > >
> > > makes a difference . I rarely touch the AF control - I usually ride the RF Gain - which on the -850 is concentric with the AF gain control anyway.
> > >
> > > If I had the dollars & could find a late model ts850 I would not hesitate to buy it in an instant - nothing like having a standby!
> > >
> > > Villy ve6sq
> > >
> >
>

10814. Re: Thanks to the group...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-10 22:48:52 UTC
From: avvidclif
Topic: 10812 Message: 10814

That's actually a early SN, they start at 20?. Be sure and check the carrier unit caps and the battery for leakage. Also look at C187 on the IF unit.

No problems here the more the owners fix the less I have to look at, GRIN...

Clif

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> I had been away for a couple months, and when I returned, my TS-850 wouldn't light up. Audio was working, but couldn't see the dark display.
>
> Thanks to all of you who have provided this resource. (C18 on the display driver board had leaked and etched a couple traces on the board. US$ 1.50 at Radio Shack -- I know it was 5x the price, but it was just a block from where I had to be anyway, and at today's fuel prices, it may have been less expensive! -- and an hour of ringing out the circuitry to see which traces needed jumpers.)
>
> (Sorry, Clif -- I thought I'd get to send the radio to you, but... maybe next time).
>
> I've determined my TS-850 is late production -- serial # 309....
>
> Do we expect the caps on the CAR board to be a problem on this later production radio?
>
> Dan AA3LS
>

10815. Re: TS-450 Moving to TS-850 - What will I gain?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-10 23:36:40 UTC
From: k9zy
Topic: 10800 Message: 10815

Thank you all for the sound advice. 850 is on the way soon. 450 will need to move over and find it's way to the sales sites.

Mark

--- In TS-850_450_690@yahoogroups.com, "k9zy" <k9zy@...> wrote:
>
> Consider a TS-850SAT purchase, because I understand the slope tune is excellent for audio reception and removing noise. I use the TS-450SAT today with a JPS NIR-12 Noise and Interference reducer... and it works quite well at cutting the band noise I have in my area (S7 to S9 on 40, 80, and 20 meters usually). The 450 is stock, so no additional SSB filters. I can adjust the 8.83 to the 6K and 2.4K settings, and the 455 to the 12K 6K and 2.4K settings, but not 500 on either, so I'm assuming this is stock) I'm work only in SSB.
>
> For you 850 users, what will I get by moving up?
> And... I've got a 380XXXX serial number 850 rig I'm considering. I'm told it has teh newer DDS chips (5 digit). Will I see cap issues, and other problems I need to check for? If this is a problematic year, what serial number category do I look for?
>
> Many thanks for the advice.
>
> Mark
> K9ZY
> P.S. I'm considering the slightly older TS-940SAT as well, if you have thoughts on it versus the 850.
>

10816. Re: Thanks to the group...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-11 01:01:15 UTC
From: birchardvilleobservatory
Topic: 10812 Message: 10816

Thanks, Clif... I suspect inspection of the carrier board capacitors will cause me to remove them and then I might as well install new ones.

I replaced the battery some years ago with a battery holder and that's worked well. I think I got a battery holder for the coin battery style at a local (non-Radio Shack) store.

I'm getting pretty good at removing the screws by now. I'll put my magnifying viewers and bright lights to see what I can see on those other boards.

Thanks for the update about the serial number.

73 -- TTFN
Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> That's actually a early SN, they start at 20?. Be sure and check the carrier unit caps and the battery for leakage. Also look at C187 on the IF unit.
>
> No problems here the more the owners fix the less I have to look at, GRIN...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@> wrote:
> >
> > I had been away for a couple months, and when I returned, my TS-850 wouldn't light up. Audio was working, but couldn't see the dark display.
> >
> > Thanks to all of you who have provided this resource. (C18 on the display driver board had leaked and etched a couple traces on the board. US$ 1.50 at Radio Shack -- I know it was 5x the price, but it was just a block from where I had to be anyway, and at today's fuel prices, it may have been less expensive! -- and an hour of ringing out the circuitry to see which traces needed jumpers.)
> >
> > (Sorry, Clif -- I thought I'd get to send the radio to you, but... maybe next time).
> >
> > I've determined my TS-850 is late production -- serial # 309....
> >
> > Do we expect the caps on the CAR board to be a problem on this later production radio?
> >
> > Dan AA3LS
> >
>

10817. Re: Thanks to the group...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-11 01:57:25 UTC
From: avvidclif
Topic: 10812 Message: 10817

With a bright light look closely at the solder joints. They should be bright and shiny. Anything else and it's leaking. If one is leaking just replace them all. 10 total 10uf 16v SM caps and one 47uf 25v which I usually use a regular cap in place of. Most of the time the traces are gone when it leaks.

Hint: If the 47uf leaks; it's sitting over the TX bias line, it will short it and cause intermittent tx and soon damage the TRX module in the IF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> Thanks, Clif... I suspect inspection of the carrier board capacitors will cause me to remove them and then I might as well install new ones.
>
> I replaced the battery some years ago with a battery holder and that's worked well. I think I got a battery holder for the coin battery style at a local (non-Radio Shack) store.
>
> I'm getting pretty good at removing the screws by now. I'll put my magnifying viewers and bright lights to see what I can see on those other boards.
>
> Thanks for the update about the serial number.
>
> 73 -- TTFN
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > That's actually a early SN, they start at 20?. Be sure and check the carrier unit caps and the battery for leakage. Also look at C187 on the IF unit.
> >
> > No problems here the more the owners fix the less I have to look at, GRIN...
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@> wrote:
> > >
> > > I had been away for a couple months, and when I returned, my TS-850 wouldn't light up. Audio was working, but couldn't see the dark display.
> > >
> > > Thanks to all of you who have provided this resource. (C18 on the display driver board had leaked and etched a couple traces on the board. US$ 1.50 at Radio Shack -- I know it was 5x the price, but it was just a block from where I had to be anyway, and at today's fuel prices, it may have been less expensive! -- and an hour of ringing out the circuitry

to see which traces needed jumpers.)
> > >
> > > (Sorry, Clif -- I thought I'd get to send the radio to you, but... maybe next time).
> > >
> > > I've determined my TS-850 is late production -- serial # 309....
> > >
> > > Do we expect the caps on the CAR board to be a problem on this later production radio?
> > >
> > > Dan AA3LS
> > >
> >
>

10818. Re: Thanks to the group...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-11 14:22:05 UTC
From: birchardvilleobservatory
Topic: 10812 Message: 10818

Thanks, Clif... (Roger, Wilco!)

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> With a bright light look closely at the solder joints. They should be bright and shiny. Anything else and it's leaking. If one is leaking just replace them all. 10 total 10uf 16v SM caps and one 47uf 25v which I usually use a regular cap in place of. Most of the time the traces are gone when it leaks.
>
> Hint: If the 47uf leaks; it's sitting over the TX bias line, it will short it and cause intermittent tx and soon damage the TRX module in the IF unit.
>
> Clif

10819. TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 00:14:20 UTC
From: ah6rr1
Topic: 10819 Message: 10819

I have a friend who has a 850 that has a receive problems. It will start out either low receive or normal then it will crackle and either drop or become normal receive. He wants me to look at it I have a Service manual but just a O'scope and a 40M signal gen for 7.039Mhz.
Has anyone seen this problem and where was the problem. The radio is a 5Mil ser range.
Thanks
Roland AH6RR

10820. RE: [TS-850_450_690] TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 01:11:26 UTC
From: Dave Gmail
Topic: 10819 Message: 10820

Check q49???? I believe it is, Jose?clif? Is this right

This has been mentioned before, and it is what happened to mine

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ah6rr1
Sent: November-16-11 7:14 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 Receive problems

I have a friend who has a 850 that has a receive problems. It will start out
either low receive or normal then it will crackle and either drop or become
normal receive. He wants me to look at it I have a Service manual but just a
O'scope and a 40M signal gen for 7.039Mhz.
Has anyone seen this problem and where was the problem. The radio is a 5Mil
ser range.
Thanks
Roland AH6RR

THANKS FOR USING TS-850_450_690@...! Groups Links

10821. Re: TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 02:48:10 UTC
From: ah6rr1
Topic: 10819 Message: 10821

Q49 on what board

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Check q49???? I believe it is, Jose?clif? Is this right
>
> This has been mentioned before, and it is what happened to mine
>
>
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ah6rr1
> Sent: November-16-11 7:14 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 Receive problems
>
> I have a friend who has a 850 that has a receive problems. It will start out
> either low receive or normal then it will crackle and either drop or become
> normal receive. He wants me to look at it I have a Service manual but just a
> O'scope and a 40M signal gen for 7.039Mhz.
> Has anyone seen this problem and where was the problem. The radio is a 5Mil
> ser range.
> Thanks
> Roland AH6RR
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10825. Re: [TS-850_450_690] Crap. Finals on 690S may have gone bad...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 09:43:48 UTC
From: condor@cox.net
Topic: 10822 Message: 10825

I would have thought posting this once would have been enough???

Paul - K2BK

On 11/16/2011 10:56 PM, aa5te.kb5ehr@... wrote:
>
> I think I just blew the HF finals in my Kenwood TS-690SAT. 6M still
> works just fine, but HF, not so much - maybe 1W on 10m now; happened
> all of the sudden. I hadn't fired that rig up for months now on HF. I
> fired it up, went to 10m, put her in auto-tune, and noticed I had a
> high SWR (3.5:1 or so on all 3 bands, so maybe a bad 10m trap or
> something, water in the coax, IDK) on my tribander. Went to all 3
> bands to determine this. So, let it retune on 10m, cranked the power
> to 100W key down, about 5 seconds elapse, then POOF, essentially no
> power on HF. Receive is fine, no smoke or smell, allowing it to cool
> down for 15 minutes yields about 1W on 10m, lower to nothing on 20m
> down. 6m, as I said, still works fine. Did a microprocessor reset and
> some more fiddling, still the same. Kind of odd, though, because I can
> get almost 10W of reflected power now but only 1W out, both on the
> Kenwood meter and my external meter. Switched coax around, still no
> dice. Fiddled with carrier, ALC and power settings, nada. Also, the
> current draw correlates well with those findings. So, failed finals?
>
>
> Reply to sender
> <mailto:aa5te.kb5ehr@...?subject=Re%3A%20Crap%2E%20Finals%20on%20690S%20may%20have%20gon
e%20bad%2E%2E%2E>
> | Reply to group
> <mailto:TS-850_450_690@yahoogroups.com?subject=Re%3A%20Crap%2E%20Finals%20on%20690S%20ma
y%20have%20gone%20bad%2E%2E%2E>
> | Reply via web post
> <http://groups.yahoo.com/group/TS-850_450_690/post;_ylc=X3oDMTJxZDkzdDBhBF9TAzk3MzU5NzE0
BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEwODI0BHNlYwNmdHIEc2xrA3JwbHkEc3RpbW
UDMTMyMTUwMjIzOA--?act=reply&messageNum=10824>
> | Start a New Topic
> <http://groups.yahoo.com/group/TS-850_450_690/post;_ylc=X3oDMTJlNTM5Zjc0BF9TAzk3MzU5NzE0
BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTMyMTUwMjIzOA
-->
>
> Messages in this topic
> <http://groups.yahoo.com/group/TS-850_450_690/message/10822;_ylc=X3oDMTM2bzNoMXNzBF9TAzk
3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEwODI0BHNlYwNmdHIEc2xrA3Z0c
GMEc3RpbWUDMTMyMTUwMjIzOAR0cGNJZAMxMDgyMg-->
> (3)
> Recent Activity:

>
> * New Members
> <http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmbjhyZXNiBF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEzMjE1MDIyMzg-?o=6>
> 3
>
> Visit Your Group
> <http://groups.yahoo.com/group/TS-850_450_690;_ylc=X3oDMTJlNTFkZ2ZwBF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTMyMTUwMjIzOA-->
>

10826. Re: [TS-850_450_690] Crap. Finals on 690S may have gone bad...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 10:39:42 UTC
From: condor@cox.net
Topic: 10822 Message: 10826

Have you considered trying a dummy load to eliminate outside factors??

Paul - K2BK

On 11/17/2011 4:43 AM, condor@... wrote:
>
> I would have thought posting this once would have been enough???
>
> Paul - K2BK
>
> On 11/16/2011 10:56 PM, aa5te.kb5ehr@...
> <mailto:aa5te.kb5ehr%40gmail.com> wrote:
> >
> > I think I just blew the HF finals in my Kenwood TS-690SAT. 6M still
> > works just fine, but HF, not so much - maybe 1W on 10m now; happened
> > all of the sudden. I hadn't fired that rig up for months now on HF. I
> > fired it up, went to 10m, put her in auto-tune, and noticed I had a
> > high SWR (3.5:1 or so on all 3 bands, so maybe a bad 10m trap or
> > something, water in the coax, IDK) on my tribander. Went to all 3
> > bands to determine this. So, let it retune on 10m, cranked the power
> > to 100W key down, about 5 seconds elapse, then POOF, essentially no
> > power on HF. Receive is fine, no smoke or smell, allowing it to cool
> > down for 15 minutes yields about 1W on 10m, lower to nothing on 20m
> > down. 6m, as I said, still works fine. Did a microprocessor reset and
> > some more fiddling, still the same. Kind of odd, though, because I can
> > get almost 10W of reflected power now but only 1W out, both on the
> > Kenwood meter and my external meter. Switched coax around, still no
> > dice. Fiddled with carrier, ALC and power settings, nada. Also, the
> > current draw correlates well with those findings. So, failed finals?
> >
>

10827. Re: Crap. Finals on 690S may have gone bad...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 13:01:50 UTC
From: aa5te.kb5ehr@gmail.com
Topic: 10822 Message: 10827

Hi, I deleted the other two posts, not quite sure what the heck happened. And yes, I neglected to mention that the behavior is the same with a dummy load.

10828. Re: TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-17 17:07:31 UTC
From: avvidclif
Topic: 10819 Message: 10828

RF Unit. It's what protects the rx front end in tx. Should have 12v on the collector.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Q49 on what board
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > Check q49???? I believe it is, Jose?clif? Is this right
> >
> > This has been mentioned before, and it is what happened to mine
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of ah6rr1
> > Sent: November-16-11 7:14 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-850 Receive problems
> >
> > I have a friend who has a 850 that has a receive problems. It will start out
> > either low receive or normal then it will crackle and either drop or become
> > normal receive. He wants me to look at it I have a Service manual but just a
> > O'scope and a 40M signal gen for 7.039Mhz.
> > Has anyone seen this problem and where was the problem. The radio is a 5Mil
> > ser range.
> > Thanks
> > Roland AH6RR
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

10829. TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 18:22:28 UTC
From: sadtenor
Topic: 10829 Message: 10829

Hello! I have just bought a TS850s with built in tuner. It seems to be working OK except for the 40m band where transmit is limited up to(the old portion of the band) 7.1 MHz. Is this the original setting or is something wrong? Can it easily be extended to cover up to 7.2MHz. Thanks for any help! 73 Jess G8IYE

10830. TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 21:25:08 UTC
From: darren.ream
Topic: 10830 Message: 10830

Back again. I am sending the radio to Clif soon for repair of the inop 6k 455 filter I posted about earlier. Seems to be a result of a previously leaking C104 cap. I haven't sent the radio yet because I'm trying to do a really good shakedown first to see if there is anything else that needs attention while he has it.

I noticed that I get full, unattenuated receive of both sidebands when the radio is set on SSB and either the 6k or 12k filter is selected, unless the 2.4k filter is selected. In an earlier message, the poster had a similar issue when on FSK, that ended up being "operator error:" the unwanted sideband is not surpressed even on receive unless the 2.4k filter was selected...but I don't know if this is the way SSB works too, or just with FSK. I would think not since there are times that anoperator would want to listen to a SSB signal with only the 6k filter, ...but of course I could be wrong. Since the 6k filter has already been diagnosed as inoperative, I suspect this may be another symptom of filter problems.

So the question is: is rull RX of both sidebands with the radio on SSB and the 6k or 12k filter normal/proper behavior or is it indicative of another filter problem?

Thanks,
Darren, K7DKE

10831. Re: TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 22:38:12 UTC
From: birchardvilleobservatory
Topic: 10829 Message: 10831

Was this radio originally setup for Europe or Asia (Regions 1 and 3)?

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "sadtenor" <jess.shore@...> wrote:
>
> Hello! I have just bought a TS850s with built in tuner. It seems to be working OK except for the 40m band where transmit is limited up to(the old portion of the band) 7.1 MHz. Is this the original setting or is something wrong? Can it easily be extended to cover up to 7.2MHz. Thanks for any help! 73 Jess G8IYE
>

10832. RE: [TS-850_450_690] TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 22:45:14 UTC
From: Dave Gmail
Topic: 10830 Message: 10832

Sounds to me nothing may be wrong, its not the way the ssb works, but actually the way the filters work. It sounds normal to me. Of course I am not hearing your example audio..

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of darren.ream
Sent: November-18-11 4:25 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S - RX of both sidebands when filters on 6k or 12k

Back again. I am sending the radio to Clif soon for repair of the inop 6k 455 filter I posted about earlier. Seems to be a result of a previously leaking C104 cap. I haven't sent the radio yet because I'm trying to do a really good shakedown first to see if there is anything else that needs attention while he has it.

I noticed that I get full, unattenuated receive of both sidebands when the radio is set on SSB and either the 6k or 12k filter is selected, unless the 2.4k filter is selected. In an earlier message, the poster had a similar issue when on FSK, that ended up being "operator error:" the unwanted sideband is not surpressed even on receive unless the 2.4k filter was selected...but I don't know if this is the way SSB works too, or just with FSK. I would think not since there are times that anoperator would want to listen to a SSB signal with only the 6k filter, ...but of course I could be wrong. Since the 6k filter has already been diagnosed as inoperative, I suspect this may be another symptom of filter problems.

So the question is: is rull RX of both sidebands with the radio on SSB and the 6k or 12k filter normal/proper behavior or is it indicative of another filter problem?

Thanks,
Darren, K7DKE

THANKS FOR USING TS-850_450_690@...! Groups Links

10833. Re: [TS-850_450_690] TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 22:47:10 UTC
From: Chuck Goelz
Topic: 10830 Message: 10833

Darren,

I just tried it on my 450, and it would appear that there is no unwanted sideband suppression in Rx with the 6KHz filters (both IF's) selected...

I think that answers your question.

Chuck, WA3CEJ

On 11/18/2011 4:25 PM, darren.ream wrote:
>
> Back again. I am sending the radio to Clif soon for repair of the inop
> 6k 455 filter I posted about earlier. Seems to be a result of a
> previously leaking C104 cap. I haven't sent the radio yet because I'm
> trying to do a really good shakedown first to see if there is anything
> else that needs attention while he has it.
>
> I noticed that I get full, unattenuated receive of both sidebands when
> the radio is set on SSB and either the 6k or 12k filter is selected,
> unless the 2.4k filter is selected. In an earlier message, the poster
> had a similar issue when on FSK, that ended up being "operator error:"
> the unwanted sideband is not surpressed even on receive unless the
> 2.4k filter was selected...but I don't know if this is the way SSB
> works too, or just with FSK. I would think not since there are times
> that anoperator would want to listen to a SSB signal with only the 6k
> filter, ...but of course I could be wrong. Since the 6k filter has
> already been diagnosed as inoperative, I suspect this may be another
> symptom of filter problems.
>
> So the question is: is rull RX of both sidebands with the radio on SSB
> and the 6k or 12k filter normal/proper behavior or is it indicative of
> another filter problem?
>
> Thanks,
> Darren, K7DKE
>
>

[Non-text portions of this message have been removed]

10834. Re: TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 22:53:33 UTC
From: ah6rr1
Topic: 10819 Message: 10834

Hi Clif,

Got the radio today and this is what I find on Q49 on the RF board.

Voltage to the radio is 13.88
On Q49
The Base has .040VDC the Collector has 11.40VDC and the Emitter has .0VDC and the voltages stay the same when it has good full receive or when it starts the crackling and the S meter drops by at least 4 S units once it does that the S meter goes up and down between S8 and S3 with a 50mV signal. So since it does not have 12V on the collector is it time to replace it or look at the components around it?

Thanks again for all of your help.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> RF Unit. It's what protects the rx front end in tx. Should have 12v on the collector.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > Q49 on what board
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > >
> > > Check q49???? I believe it is, Jose?clif? Is this right
> > >
> > > This has been mentioned before, and it is what happened to mine
> > >
> > >
> > >
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of ah6rr1
> > > Sent: November-16-11 7:14 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-850 Receive problems
> > >
> > > I have a friend who has a 850 that has a receive problems. It will start out
> > > either low receive or normal then it will crackle and either drop or become
> > > normal receive. He wants me to look at it I have a Service manual but just a

> > > O'scope and a 40M signal gen for 7.039Mhz.
> > > Has anyone seen this problem and where was the problem. The radio is a 5Mil
> > > ser range.
> > > Thanks
> > > Roland AH6RR
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
>

10835. Re: TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-18 22:47:40 UTC
From: sadtenor
Topic: 10829 Message: 10835

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> Was this radio originally setup for Europe or Asia (Regions 1 and 3)?
>
> Dan AA3LS
>
Hi Dan! The radio is 3rd hand so I'm not sure. It has always been in the UK as far as I know so guessing setup for Europe. Jess

10836. Re: TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 00:07:30 UTC
From: avvidclif
Topic: 10819 Message: 10836

The 12v is not an absolute so 11.4 is fine. What I have found is when the transistor starts breaking down is it will cause the crackling. Yoy might try removing it and see what happens. Or just replace it if you have another.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@...> wrote:
>
> Hi Clif,
>
> Got the radio today and this is what I find on Q49 on the RF board.
>
> Voltage to the radio is 13.88
> On Q49
> The Base has .040VDC the Collector has 11.40VDC and the Emitter has .0VDC and the voltages stay the same when it has good full receive or when it starts the crackling and the S meter drops by at least 4 S units once it does that the S meter goes up and down between S8 and S3 with a 50mV signal. So since it does not have 12V on the collector is it time to replace it or look at the components around it?
>
> Thanks again for all of your help.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > RF Unit. It's what protects the rx front end in tx. Should have 12v on the collector.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> > >
> > > Q49 on what board
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > >
> > > > Check q49???? I believe it is, Jose?clif? Is this right
> > > >
> > > > This has been mentioned before, and it is what happened to mine
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > -----Original Message-----

> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > > On Behalf Of ah6rr1
> > > > Sent: November-16-11 7:14 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: [TS-850_450_690] TS-850 Receive problems
> > > >
> > > > I have a friend who has a 850 that has a receive problems. It will start out
> > > > either low receive or normal then it will crackle and either drop or become
> > > > normal receive. He wants me to look at it I have a Service manual but just a
> > > > O'scope and a 40M signal gen for 7.039Mhz.
> > > > Has anyone seen this problem and where was the problem. The radio is a 5Mil
> > > > ser range.
> > > > Thanks
> > > > Roland AH6RR
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > >
> > >
> >
>

10837. Re: TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 02:53:38 UTC
From: darren.ream
Topic: 10830 Message: 10837

Chuck & Dave, you guys answered it for me. So the filters work the same on SSB as on FSK and presumably on all modes. Unwanted sideband suppression depends on having the 2.4k filter in line.

I still have the issue of the 455 6k filter being totally inop, which is not uncommon after a C104 leakage, but at least I know the sideband suppression is working as it should. I guess for those times when you want to open up the receive bandwidth on SSB to 6k, you just better not have any nearby stations near the opposite sideband or you'd get some serious QRM. It would probably have been just a little too complex and expensive to build these radios with sideband suppression with the wide filters. Everything's a compromise. At least now I know a little bit about how this rig works.

Thanks!

Darren

--- In TS-850_450_690@yahoogroups.com, Chuck Goelz <c.goelz@...> wrote:
>
> Darren,
>
> I just tried it on my 450, and it would appear that there is no unwanted
> sideband suppression in Rx with the 6KHz filters (both IF's) selected...
>
> I think that answers your question.
>
> Chuck, WA3CEJ
>
> On 11/18/2011 4:25 PM, darren.ream wrote:
> >
> > Back again. I am sending the radio to Clif soon for repair of the inop
> > 6k 455 filter I posted about earlier. Seems to be a result of a
> > previously leaking C104 cap. I haven't sent the radio yet because I'm
> > trying to do a really good shakedown first to see if there is anything
> > else that needs attention while he has it.
> >
> > I noticed that I get full, unattenuated receive of both sidebands when
> > the radio is set on SSB and either the 6k or 12k filter is selected,
> > unless the 2.4k filter is selected. In an earlier message, the poster
> > had a similar issue when on FSK, that ended up being "operator error:"
> > the unwanted sideband is not surpressed even on receive unless the
> > 2.4k filter was selected...but I don't know if this is the way SSB
> > works too, or just with FSK. I would think not since there are times
> > that anoperator would want to listen to a SSB signal with only the 6k
> > filter, ...but of course I could be wrong. Since the 6k filter has
> > already been diagnosed as inoperative, I suspect this may be another
> > symptom of filter problems.

> >
> > So the question is: is rull RX of both sidebands with the radio on SSB
> > and the 6k or 12k filter normal/proper behavior or is it indicative of
> > another filter problem?
> >
> > Thanks,
> > Darren, K7DKE
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10838. Re: TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 13:53:56 UTC
From: birchardvilleobservatory
Topic: 10829 Message: 10838

UK counts as Region 1, right? When TS-850s were built, Region 1 hams only had 7.000-7.100, if I recall correctly, and Kenwood may have programmed the radio to keep you legal unless you modified it. There is a "60 meter" mod out there which actually enables transmit throughout the HF region, I think. Simple removal of a diode or two, and the mods description is pretty clear.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "sadtenor" <jess.shore@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@> wrote:
> >
> > Was this radio originally setup for Europe or Asia (Regions 1 and 3)?
> >
> > Dan AA3LS
> >
> Hi Dan! The radio is 3rd hand so I'm not sure. It has always been in the UK as far as I know so guessing setup for Europe. Jess
>

10839. Re: TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 13:59:31 UTC
From: birchardvilleobservatory
Topic: 10830 Message: 10839

Darren, it is simply a question of where the BFO frequency is with regards to the filter passband. The 6 (or 12) kHz filter center frequency is basically where the BFO sits, and the 2.4 or other SSB filters frequency passband is to the side of the BFO frequency, so there is attenuation of the unwanted sideband. The wide filters were designed for AM and/or FM work, not SSB.

We used to call these kinds of things "WADs", for "Working As Designed", or features instead of bugs ;-))

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Chuck & Dave, you guys answered it for me. So the filters work the same on SSB as on FSK and presumably on all modes. Unwanted sideband suppression depends on having the 2.4k filter in line.
>
> I still have the issue of the 455 6k filter being totally inop, which is not uncommon after a C104 leakage, but at least I know the sideband suppression is working as it should. I guess for those times when you want to open up the receive bandwidth on SSB to 6k, you just better not have any nearby stations near the opposite sideband or you'd get some serious QRM. It would probably have been just a little too complex and expensive to build these radios with sideband suppression with the wide filters. Everything's a compromise. At least now I know a little bit about how this rig works.
>
> Thanks!
>
> Darren
>
> --- In TS-850_450_690@yahoogroups.com, Chuck Goelz <c.goelz@> wrote:
> >
> > Darren,
> >
> > I just tried it on my 450, and it would appear that there is no unwanted
> > sideband suppression in Rx with the 6KHz filters (both IF's) selected...
> >
> > I think that answers your question.
> >
> > Chuck, WA3CEJ
> >
> > On 11/18/2011 4:25 PM, darren.ream wrote:
> > >
> > > Back again. I am sending the radio to Clif soon for repair of the inop
> > > 6k 455 filter I posted about earlier. Seems to be a result of a
> > > previously leaking C104 cap. I haven't sent the radio yet because I'm
> > > trying to do a really good shakedown first to see if there is anything

> > > else that needs attention while he has it.
> > >
> > > I noticed that I get full, unattenuated receive of both sidebands when
> > > the radio is set on SSB and either the 6k or 12k filter is selected,
> > > unless the 2.4k filter is selected. In an earlier message, the poster
> > > had a similar issue when on FSK, that ended up being "operator error:"
> > > the unwanted sideband is not surpressed even on receive unless the
> > > 2.4k filter was selected...but I don't know if this is the way SSB
> > > works too, or just with FSK. I would think not since there are times
> > > that anoperator would want to listen to a SSB signal with only the 6k
> > > filter, ...but of course I could be wrong. Since the 6k filter has
> > > already been diagnosed as inoperative, I suspect this may be another
> > > symptom of filter problems.
> > >
> > > So the question is: is rull RX of both sidebands with the radio on SSB
> > > and the 6k or 12k filter normal/proper behavior or is it indicative of
> > > another filter problem?
> > >
> > > Thanks,
> > > Darren, K7DKE
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

10840. Re: [TS-850_450_690] Re: TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 08:27:45 UTC
From: Joop!
Topic: 10829 Message: 10840

Op 18-11-2011 23:47, sadtenor schreef:
>
>
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "birchardvilleobservatory"
> <birchardvilleobservatory@...> wrote:
> >
> > Was this radio originally setup for Europe or Asia (Regions 1 and 3)?
> >
> > Dan AA3LS
> >
> Hi Dan! The radio is 3rd hand so I'm not sure. It has always been in
> the UK as far as I know so guessing setup for Europe. Jess
>
>

This mod concerns only the UK kenwood TS-850S.

On the circuit board behind the front panel lies a bank of diodes
numbered D1-D11 all diodes are there except for diode D10 to unlock the
uk TS-850s to full transmit.

Just cut or remove diode D11.

Perform full cpu reset, when powering unit after modification for full
reset press and hold A=B while turning on unit ......

(mods.dk is your friend here....)

73 Joop!/PD2JAM.

[Non-text portions of this message have been removed]

10841. Re: TS-850 Receive problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 20:30:51 UTC
From: ah6rr1
Topic: 10819 Message: 10841

Thanks again Clif you are the best.
After removing the transistor it does not crackle anymore and the receive signal stays steady and does not fluctuate at all. So I will order some from Mouser and since I have a 850 also I will have spares in case mine does the same thing. What one is the best to order the DDTC124EKA-7-F from Diodes Inc. or the DTC124EKAT146 from ROHM they are $.05 less then the Diodes Inc. ones?

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The 12v is not an absolute so 11.4 is fine. What I have found is when the transistor starts breaking down is it will cause the crackling. Yoy might try removing it and see what happens. Or just replace it if you have another.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> >
> > Hi Clif,
> >
> > Got the radio today and this is what I find on Q49 on the RF board.
> >
> > Voltage to the radio is 13.88
> > On Q49
> > The Base has .040VDC the Collector has 11.40VDC and the Emitter has .0VDC and the voltages stay the same when it has good full receive or when it starts the crackling and the S meter drops by at least 4 S units once it does that the S meter goes up and down between S8 and S3 with a 50mV signal. So since it does not have 12V on the collector is it time to replace it or look at the components around it?
> >
> > Thanks again for all of your help.
> >
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > RF Unit. It's what protects the rx front end in tx. Should have 12v on the collector.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@> wrote:
> > > >
> > > > Q49 on what board
> > > >

> > > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > > >
> > > > > Check q49???? I believe it is, Jose?clif? Is this right
> > > > >
> > > > > This has been mentioned before, and it is what happened to mine
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > > > On Behalf Of ah6rr1
> > > > > Sent: November-16-11 7:14 PM
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Subject: [TS-850_450_690] TS-850 Receive problems
> > > > >
> > > > > I have a friend who has a 850 that has a receive problems. It will start out
> > > > > either low receive or normal then it will crackle and either drop or become
> > > > > normal receive. He wants me to look at it I have a Service manual but just a
> > > > > O'scope and a 40M signal gen for 7.039Mhz.
> > > > > Has anyone seen this problem and where was the problem. The radio is a 5Mil
> > > > > ser range.
> > > > > Thanks
> > > > > Roland AH6RR
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > > >
> > > >
> > >
> >
>

10842. Re: TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-19 22:19:24 UTC
From: rick54045
Topic: 10830 Message: 10842

This feature is very useful when calibrating the master oscillators of other devices, such as frequency counters. For example, if the master oscillator is 10 Mhz and you can set the TS-850 to 10Mhz SSB with both 6Khz filters selected and tune to WWV. Let the master oscillator of the counter and the radio warm up. Place an insulated coupling wire inside the device near the master oscillator. Set the tuning speed to fine and slowly tune the receiver until you are at zero beat with WWV. When you approach zero beat, the audio frequency will drop and you will get a rise and fall of the receive audio. Continue to tune the receiver until that rise and fall of the audio dissapears. Disconnect the antenna and connect the coupling wire into the radio's antenna jack. Adjust the device's master oscillator for the same zero beat and your all set. You will probably have to switch back and forth to keep the radio tuned to WWV. An anntenna swtch would make it easier.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Back again. I am sending the radio to Clif soon for repair of the inop 6k 455 filter I posted about earlier. Seems to be a result of a previously leaking C104 cap. I haven't sent the radio yet because I'm trying to do a really good shakedown first to see if there is anything else that needs attention while he has it.
>
> I noticed that I get full, unattenuated receive of both sidebands when the radio is set on SSB and either the 6k or 12k filter is selected, unless the 2.4k filter is selected. In an earlier message, the poster had a similar issue when on FSK, that ended up being "operator error:" the unwanted sideband is not surpressed even on receive unless the 2.4k filter was selected...but I don't know if this is the way SSB works too, or just with FSK. I would think not since there are times that anoperator would want to listen to a SSB signal with only the 6k filter, ...but of course I could be wrong. Since the 6k filter has already been diagnosed as inoperative, I suspect this may be another symptom of filter problems.
>
> So the question is: is rull RX of both sidebands with the radio on SSB and the 6k or 12k filter normal/proper behavior or is it indicative of another filter problem?
>
> Thanks,
> Darren, K7DKE
>

10843. Re: TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-20 17:29:31 UTC
From: sadtenor
Topic: 10829 Message: 10843

--- In TS-850_450_690@yahoogroups.com, "Joop!" <joop.schalkwijk@...> wrote:
>
> Op 18-11-2011 23:47, sadtenor schreef:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "birchardvilleobservatory"
> > <birchardvilleobservatory@> wrote:
> > >
> > > Was this radio originally setup for Europe or Asia (Regions 1 and 3)?
> > >
> > > Dan AA3LS
> > >
> > Hi Dan! The radio is 3rd hand so I'm not sure. It has always been in
> > the UK as far as I know so guessing setup for Europe. Jess
> >
> >
>
> This mod concerns only the UK kenwood TS-850S.
>
> On the circuit board behind the front panel lies a bank of diodes
> numbered D1-D11 all diodes are there except for diode D10 to unlock the
> uk TS-850s to full transmit.
>
> Just cut or remove diode D11.
>
> Perform full cpu reset, when powering unit after modification for full
> reset press and hold A=B while turning on unit ......
>
>
> (mods.dk is your friend here....)
>
>
> 73 Joop!/PD2JAM.
>
>
>
> Thanks Joop! I will have a go later in the week and keep you posted. Cheers Jess
>
>
>
> [Non-text portions of this message have been removed]
>

10844. Re: TS850sat 40m band coverage?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-21 19:57:06 UTC
From: sadtenor
Topic: 10829 Message: 10844

Hello! Just carried out the diode mod as detailed by Joop and it has done the trick and working well. Thanks again! Jess G8IYE

10845. Using Maxim ICL7662 to replace DC-DC converter in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-21 20:38:52 UTC
From: MD
Topic: 10845 Message: 10845

One of my 850's has contracted the oscillating ALC sickness. I have found multiple references to this being caused by the DC-DC converter daughter board on the small RF board going bad. One of the solutions found was to replace the whole board with a LCT1144. Since neither Mouser nor Digikey carry the LCT1144 I ordered a Maxim ICL7662 from Mouser to do the job. Has any one else ever done this? Any pitfalls I am overlooking? Any input at all would be appreciated before I probably destroy the DC-DC board trying to get it out.

Marty
N5KBP

10846. Re: Using Maxim ICL7662 to replace DC-DC converter in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-21 21:12:46 UTC
From: avvidclif
Topic: 10845 Message: 10846

I'm curious as to why not replace it with another board from Kenwood??

The 7662 is going to output a -13-14v which will have to be reduced to -6 via either a zener or voltage regulator IC. More circuitry.

Clif

--- In TS-850_450_690@yahoogroups.com, "MD" <martyduplissey@...> wrote:
>
> One of my 850's has contracted the oscillating ALC sickness. I have found multiple references to this being caused by the DC-DC converter daughter board on the small RF board going bad. One of the solutions found was to replace the whole board with a LCT1144. Since neither Mouser nor Digikey carry the LCT1144 I ordered a Maxim ICL7662 from Mouser to do the job. Has any one else ever done this? Any pitfalls I am overlooking? Any input at all would be appreciated before I probably destroy the DC-DC board trying to get it out.
>
> Marty
> N5KBP
>

10847. Re: Using Maxim ICL7662 to replace DC-DC converter in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-21 21:56:32 UTC
From: MD
Topic: 10845 Message: 10847

I was unaware it was available from Kenwood. I am so used to parts on these rigs that are getting long in the tooth being discontinued. I never checked. I will order 2 from East Coast today. To answer your other question. I had planned on reusing the existing zener and capacitor filter circuitry that is on the main board. Thanks for the info. That is why I love this group and especially like your willingness to share your knowledge Clif.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> I'm curious as to why not replace it with another board from Kenwood??
>
> The 7662 is going to output a -13-14v which will have to be reduced to -6 via either a zener or voltage regulator IC. More circuitry.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "MD" <martyduplissey@> wrote:
> >
> > One of my 850's has contracted the oscillating ALC sickness. I have found multiple references to this being caused by the DC-DC converter daughter board on the small RF board going bad. One of the solutions found was to replace the whole board with a LCT1144. Since neither Mouser nor Digikey carry the LCT1144 I ordered a Maxim ICL7662 from Mouser to do the job. Has any one else ever done this? Any pitfalls I am overlooking? Any input at all would be appreciated before I probably destroy the DC-DC board trying to get it out.
> >
> > Marty
> > N5KBP
> >
>

10848. What all maintenance needed on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-22 15:56:05 UTC
From: MD
Topic: 10848 Message: 10848

I am having to replace the DC-DC board on one of my 850's. While it's on the bench I have replaced the battery and moved it to the fan compartment, replaced C18 on the display board and will be replacing the caps on the CAR board. I am using 24v 120 deg. caps for all replacements. What other issues should be addressed while it is on the bench?

Marty
N5KBP

10849. Re: [TS-850_450_690] What all maintenance needed on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-22 17:17:23 UTC
From: Dennis
Topic: 10848 Message: 10849

I would do the noise blank mod. Dennis W8YS

From: MD
Sent: Tuesday, November 22, 2011 10:56 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] What all maintenance needed on TS-850

I am having to replace the DC-DC board on one of my 850's. While it's on the bench I have replaced the battery and moved it to the fan compartment, replaced C18 on the display board and will be replacing the caps on the CAR board. I am using 24v 120 deg. caps for all replacements. What other issues should be addressed while it is on the bench?

Marty
N5KBP

[Non-text portions of this message have been removed]

10850. Re: [TS-850_450_690] What all maintenance needed on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-22 19:01:51 UTC
From: condor@cox.net
Topic: 10848 Message: 10850

While I had it apart, I would also do the all frequency transmit, and
the BC band attenuator bypass.

Paul - K2BK

On 11/22/2011 12:17 PM, Dennis wrote:
>
> I would do the noise blank mod. Dennis W8YS
>
> From: MD
> Sent: Tuesday, November 22, 2011 10:56 AM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] What all maintenance needed on TS-850
>
> I am having to replace the DC-DC board on one of my 850's. While it's
> on the bench I have replaced the battery and moved it to the fan
> compartment, replaced C18 on the display board and will be replacing
> the caps on the CAR board. I am using 24v 120 deg. caps for all
> replacements. What other issues should be addressed while it is on the
> bench?
>
> Marty
> N5KBP
>
> [Non-text portions of this message have been removed]
>
>

10851. Re: [TS-850_450_690] What all maintenance needed on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-22 19:04:33 UTC
From: Jordan
Topic: 10848 Message: 10851

I'd take a look at some of the 850 repair/restoration pages and do some
browsing...73..Jordan..VE6ZT

----- Original Message -----
From: condor@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 22, 2011 12:01 PM
Subject: Re: [TS-850_450_690] What all maintenance needed on TS-850

While I had it apart, I would also do the all frequency transmit, and
the BC band attenuator bypass.

Paul - K2BK

On 11/22/2011 12:17 PM, Dennis wrote:
>
> I would do the noise blank mod. Dennis W8YS
>
> From: MD
> Sent: Tuesday, November 22, 2011 10:56 AM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] What all maintenance needed on TS-850
>
> I am having to replace the DC-DC board on one of my 850's. While it's
> on the bench I have replaced the battery and moved it to the fan
> compartment, replaced C18 on the display board and will be replacing
> the caps on the CAR board. I am using 24v 120 deg. caps for all
> replacements. What other issues should be addressed while it is on the
> bench?
>
> Marty
> N5KBP
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10852. TS-450 or 850 Transmit Frequency Adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-23 02:23:25 UTC
From: k9zy
Topic: 10852 Message: 10852

My 450 is transmitting about 60 hertz lower than is indicated on my radio readout.

Does anyone know how I might adjust that, or calibrate it back to on frequency? I saw a post for the 850 receive adjustment, so hoping someone knows how to adjust/calibrate transmit on either 450 or even 850.

Thanks,
Mark
K9ZY

10853. TS-450S Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-23 04:51:58 UTC
From: Jamey Wright
Topic: 10853 Message: 10853

What is a reasonable expectation for the tuner in the TS-450S internal tuner? On 75M, at 3.835, I have an SWR of about 2.6:1. The internal tuner will not tune here. It runs up and down and then the rig starts beeping and does so until I hit the AT Tune button.

Thanks

Jamey Wright
WR4JW

[Non-text portions of this message have been removed]

10854. Re: TS-450S - RX of both sidebands when filters on 6k or 12k

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-23 15:56:39 UTC
From: darren.ream
Topic: 10830 Message: 10854

Hi Eric, thanks for that simple explanation In fact, that's how I tune the master oscillator in my old HP frquency counter, except that all I have to do is lay the coupling wire I use from the counter along the back of the rig, and that gives me enough signal to tune the master oscillator. Also, the way I tune the rig's master oscillator is very easy with the filters set on 6k or 12k in USB or LSB I can then zero beat the two sidebands. On my spectrum analyzer it's very cool to watch the two lines come together as ytou zer beat the two sidebands. It doesn't matter which sideband you have the rig set to, USB or LSB, with the wide filter you can always hear both equally well. WAD/"works as designed." I like that. Just like any device, it has its quirks and once you understand them, can use those to your benefit. It would be nice to be able to select a wide filter on SSB and have the other sideband suppressed, by having the center frequency of the 6k filter moved one way or another 3k when in SSB mode, for ESSB for instance, but that would be quite complex to engineer. But I really like this TS-450S and the more I learn about it, the more I appreciate the design.
Thanks,
Darren

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@...> wrote:
>
> This feature is very useful when calibrating the master oscillators of other devices, such as frequency counters. For example, if the master oscillator is 10 Mhz and you can set the TS-850 to 10Mhz SSB with both 6Khz filters selected and tune to WWV. Let the master oscillator of the counter and the radio warm up. Place an insulated coupling wire inside the device near the master oscillator. Set the tuning speed to fine and slowly tune the receiver until you are at zero beat with WWV. When you approach zero beat, the audio frequency will drop and you will get a rise and fall of the receive audio. Continue to tune the receiver until that rise and fall of the audio dissapears. Disconnect the antenna and connect the coupling wire into the radio's antenna jack. Adjust the device's master oscillator for the same zero beat and your all set. You will probably have to switch back and forth to keep the radio tuned to WWV. An anntenna swtch would make it easier.
>
> Eric N7DLV
>
>
> --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> >
> > Back again. I am sending the radio to Clif soon for repair of the inop 6k 455 filter I posted about earlier. Seems to be a result of a previously leaking C104 cap. I haven't sent the radio yet because I'm trying to do a really good shakedown first to see if there is anything else that needs attention while he has it.
> >
> > I noticed that I get full, unattenuated receive of both sidebands when the radio is set on SSB and either the 6k or 12k filter is selected, unless the 2.4k filter is selected. In an earlier message, the poster had a similar issue when on FSK, that ended up being "operator error:" the unwanted sideband is not surpressed even on receive unless the 2.4k

filter was selected...but I don't know if this is the way SSB works too, or just with FSK. I would think not since there are times that anoperator would want to listen to a SSB signal with only the 6k filter, ...but of course I could be wrong. Since the 6k filter has already been diagnosed as inoperative, I suspect this may be another symptom of filter problems.
> >
> > So the question is: is rull RX of both sidebands with the radio on SSB and the 6k or 12k filter normal/proper behavior or is it indicative of another filter problem?
> >
> > Thanks,
> > Darren, K7DKE
> >
>

10855. Re: TS-450S Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-23 17:26:48 UTC
From: Mark Engebretsen
Topic: 10853 Message: 10855

My 450 tunes on 75 Meters without a hitch, a VSWR of 3:1 down to nearly flat easily.

Mark K9ZY

[Non-text portions of this message have been removed]

10856. RE: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-23 04:52:08 UTC
From: Jamey Wright
Topic: 10852 Message: 10856

_____
From: TS-850_450_690@yahoogroups.com [TS-850_450_690@yahoogroups.com] on behalf of k9zy [k9zy@...]
Sent: Tuesday, November 22, 2011 8:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment

My 450 is transmitting about 60 hertz lower than is indicated on my radio readout.

Does anyone know how I might adjust that, or calibrate it back to on frequency? I saw a post for the 850 receive adjustment, so hoping someone knows how to adjust/calibrate transmit on either 450 or even 850.

Thanks,
Mark
K9ZY

THANKS FOR USING TS-850_450_690@...! Groups Links

10857. RE: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-23 20:59:40 UTC
From: Dave Gmail
Topic: 10852 Message: 10857

I know the 850 calibration is in the manual, so perhaps the 450 is as well

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of k9zy
Sent: November-22-11 9:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment

My 450 is transmitting about 60 hertz lower than is indicated on my radio
readout.

Does anyone know how I might adjust that, or calibrate it back to on
frequency? I saw a post for the 850 receive adjustment, so hoping someone
knows how to adjust/calibrate transmit on either 450 or even 850.

Thanks,
Mark
K9ZY

THANKS FOR USING TS-850_450_690@...! Groups Links

10858. Re: What all maintenance needed on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-24 00:40:41 UTC
From: avvidclif
Topic: 10848 Message: 10858

I wouldn't do the BC att bypass unless;
1. You live out in the sticks and
2. You are an avid BCB DX'er

Otherwise you are inviting all sorts of strange noises on other bands from BCB interference.

Clif

--- In TS-850_450_690@yahoogroups.com, condor@... wrote:
>
> While I had it apart, I would also do the all frequency transmit, and
> the BC band attenuator bypass.
>
> Paul - K2BK
>
>
> On 11/22/2011 12:17 PM, Dennis wrote:
> >
> > I would do the noise blank mod. Dennis W8YS
> >
> > From: MD
> > Sent: Tuesday, November 22, 2011 10:56 AM
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: [TS-850_450_690] What all maintenance needed on TS-850
> >
> > I am having to replace the DC-DC board on one of my 850's. While it's
> > on the bench I have replaced the battery and moved it to the fan
> > compartment, replaced C18 on the display board and will be replacing
> > the caps on the CAR board. I am using 24v 120 deg. caps for all
> > replacements. What other issues should be addressed while it is on the
> > bench?
> >
> > Marty
> > N5KBP
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

10859. Kenwood YK88SN1 SSB Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-25 15:57:33 UTC
From: Ausbin Pippin
Topic: 10859 Message: 10859

Am looking for a YK-88SN-1 filter for the TS-690. I anyone has a spare or one that they would like to sell please let me know. PS Would also consider the Inrad #95 filter.

73
Ausbin, K5ZRR

[Non-text portions of this message have been removed]

10860. No Recieve or Transmit on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-26 04:15:34 UTC
From: MD
Topic: 10860 Message: 10860

I replaced the the small Rf board in front of the Car board in order to fix a bad DC-DC board. Every thing worked great for an hour or two. I went to tune my amp on 80 meters using my ameritron tuning pulsar in CW mode. It stopped receiving and transmitting. I think I smelled something but it was very faint. In receive mode on the If board the TXB is 2.27V, RXB is 0.0V and the 8V is 8.01V . The "on air" led is very faintly glowing when in receive. There is absolutely no sound coming from the speaker and the RF gain does not get any agc on the meter when it is turned down. I removed C1 on the Car board and there was no leakage. In the process of replacing C1 I learned I do not want to change any more SM caps. I got it replaced but it is beyond ugly. I honestly don't think the new RF board has anything to do with it since neither the RXB or TXB go in our out of it. Anybody got any ideas what to check next?

Thanks
Marty
N5KBP

10861. Re: No Recieve or Transmit on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-26 05:27:21 UTC
From: MD
Topic: 10860 Message: 10861

A little more info. After doing a little more research I found reference to D31 on the RF board. I have checked it and it is good. So that is not the issue.
Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com, "MD" <martyduplissey@...> wrote:
>
> I replaced the the small Rf board in front of the Car board in order to fix a bad DC-DC board. Every thing worked great for an hour or two. I went to tune my amp on 80 meters using my ameritron tuning pulsar in CW mode. It stopped receiving and transmitting. I think I smelled something but it was very faint. In receive mode on the If board the TXB is 2.27V, RXB is 0.0V and the 8V is 8.01V . The "on air" led is very faintly glowing when in receive. There is absolutely no sound coming from the speaker and the RF gain does not get any agc on the meter when it is turned down. I removed C1 on the Car board and there was no leakage. In the process of replacing C1 I learned I do not want to change any more SM caps. I got it replaced but it is beyond ugly. I honestly don't think the new RF board has anything to do with it since neither the RXB or TXB go in our out of it. Anybody got any ideas what to check next?
>
> Thanks
> Marty
> N5KBP
>

10862. 850 - crackling, when rotates the tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-26 21:43:20 UTC
From: rn6lot
Topic: 10862 Message: 10862

Hi all

I have a problem with my 850.
when I rotate the tuning knob, I can hear crackling in headphones.
when I do it slowly, I see that clicks when changing the last digit.
with the RIT knob is the same.
YM chip dies?

73 Oleg

10863. ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-26 23:46:42 UTC
From: David Rust
Topic: 991 Message: 10863

Hi Guys,
I am new to the group...sort of. I've been here before, had a 450s and traded it off. I'm about
to get another. Is there any certain serial numbers I should watch for? Get one before or after a certain number?

Thanks for the hospitality. 73 Dave W0DLR

[Non-text portions of this message have been removed]

10864. TS-850S Electronic Keyer - Switch Dots and Dashes?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-28 23:28:40 UTC
From: k4zot
Topic: 10864 Message: 10864

Is it possible to switch the dots and dashes on a TS-850S using a Bencher paddle electronic keyer without physically switching the paddle wiring. I thought Function #22 "Reverse Mode" would switch the dots and dashes, but I'm not sure what this function does? Can someone help?

Thanks,

Glenn - K4ZOT

10865. WTB: TS-450S and TS-850S orginal Kenwood boxes

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-29 17:38:09 UTC
From: darren.ream
Topic: 10865 Message: 10865

Greetings Group Members,

I am looking for a couple of nice empty original Kenwood shipping boxes and styrofoam inserts for my three personal radios.

Guess my obsessive compulsive side just won't rest until my three mint radios have proper homes when not in use!

I can pay $20-30 for each box plus reasonable shipping cost.

Please email me direct at: dream@....net.

Thanks,
Darren

10866. Re: [TS-850_450_690] WTB: TS-450S and TS-850S orginal Kenwood boxes

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-29 19:56:24 UTC
From: Anthony W. DePrato
Topic: 10865 Message: 10866

which boxes do you need ? i have a ts 811a and ts 711a box.
73 Tony

At 12:38 PM 11/29/2011, you wrote:
>Greetings Group Members,
>
>I am looking for a couple of nice empty original Kenwood shipping
>boxes and styrofoam inserts for my three personal radios.
>
>Guess my obsessive compulsive side just won't rest until my three
>mint radios have proper homes when not in use!
>
>I can pay $20-30 for each box plus reasonable shipping cost.
>
>Please email me direct at: dream@....
>
>Thanks,
>Darren
>
>
>
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

10867. RE: [TS-850_450_690] WTB: TS-450S and TS-850S orginal Kenwood boxes

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-29 22:25:34 UTC
From: Dave Gmail
Topic: 10865 Message: 10867

I may be wrong, but the subject says 450 and 850 so I would have assumed
those models

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Anthony W. DePrato
Sent: November-29-11 2:56 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] WTB: TS-450S and TS-850S orginal Kenwood boxes

which boxes do you need ? i have a ts 811a and ts 711a box.
73 Tony

At 12:38 PM 11/29/2011, you wrote:
>Greetings Group Members,
>
>I am looking for a couple of nice empty original Kenwood shipping
>boxes and styrofoam inserts for my three personal radios.
>
>Guess my obsessive compulsive side just won't rest until my three
>mint radios have proper homes when not in use!
>
>I can pay $20-30 for each box plus reasonable shipping cost.
>
>Please email me direct at: dream@....
>
>Thanks,
>Darren
>
>
>
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988

CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

THANKS FOR USING TS-850_450_690@...! Groups Links

10868. RE: [TS-850_450_690] TS-850S Electronic Keyer - Switch Dots and Dashes?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-29 22:26:58 UTC
From: Dave Gmail
Topic: 10864 Message: 10868

Make a box with a double pole switch to reverse it when needed...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of k4zot
Sent: November-28-11 6:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Electronic Keyer - Switch Dots and Dashes?

Is it possible to switch the dots and dashes on a TS-850S using a Bencher
paddle electronic keyer without physically switching the paddle wiring. I
thought Function #22 "Reverse Mode" would switch the dots and dashes, but
I'm not sure what this function does? Can someone help?

Thanks,

Glenn - K4ZOT

THANKS FOR USING TS-850_450_690@...! Groups Links

10869. Re: WTB: TS-450S and TS-850S orginal Kenwood boxes

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-30 15:22:09 UTC
From: darren.ream
Topic: 10865 Message: 10869

Hi Tony, thanks for your response. I am looking specifically for the boxes for the TS-450S and TS-850S HF radios. One of my TS-450S's is going right into long-term storage, so I'd really like to find one of those asap.
Thanks,
Darren

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
> which boxes do you need ? i have a ts 811a and ts 711a box.
> 73 Tony
>
>
> At 12:38 PM 11/29/2011, you wrote:
> >Greetings Group Members,
> >
> >I am looking for a couple of nice empty original Kenwood shipping
> >boxes and styrofoam inserts for my three personal radios.
> >
> >Guess my obsessive compulsive side just won't rest until my three
> >mint radios have proper homes when not in use!
> >
> >I can pay $20-30 for each box plus reasonable shipping cost.
> >
> >Please email me direct at: dream@...
> >
> >Thanks,
> >Darren
> >
> >
> >
> >
> >
> >
> >------------------------------------
> >
> >THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> Anthony W. DePrato WA4JQS
> Since Sept 9th 1962
> CQ DX HALL OF FAME # 39
> DXCC HONOR ROLL
> FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> CALLS HELD
> VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1

```
> ZUT DE WA4JQS
>
```

10870. Re: TS-450 or 850 Transmit Frequency Adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-30 17:15:26 UTC
From: k9zy
Topic: 10852 Message: 10870

This is a bit different than the readout calibration. It is in neither the 450 nor 850 user or service manuals.

I need to adjust only the transmit frequency. It can be done temporarily via the XIT adjust control on teh radios, but I'm trying to calibrate that "zero" setting up 60 Hz. I'm sure it is one of the adjustments on the board given this must be set at some point by the factory. Just don't know which one.

Does anyone have experience adjusting or calibrating the Transmit frequency on a 450 or 850? Receive calicration is fine.

Thanks,
Mark
K9ZY

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> I know the 850 calibration is in the manual, so perhaps the 450 is as well
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of k9zy
> Sent: November-22-11 9:23 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment
>
> My 450 is transmitting about 60 hertz lower than is indicated on my radio
> readout.
>
> Does anyone know how I might adjust that, or calibrate it back to on
> frequency? I saw a post for the 850 receive adjustment, so hoping someone
> knows how to adjust/calibrate transmit on either 450 or even 850.
>
> Thanks,
> Mark
> K9ZY
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10871. For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-11-30 18:11:32 UTC
From: Dave-Zero dBm0
Topic: 10871 Message: 10871

I am listing a TS850SAT with RS70 Power supply on behalf of a ham in failing health. The radio and ps are 17 years old and operational. The 850 is fully loaded and has the voice module in it. These are pickup only in the Eugene, Oregon area. $600.00 Firm. Call 541-487-4009 or email me off list, please.

Thank you to the group for allowing me to post this.

Dave Frechette, K7QT

10872. Re: WTB: TS-450S and TS-850S orginal Kenwood boxes

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-01 00:52:34 UTC
From: w4jz
Topic: 10865 Message: 10872

U might try PELICAN cases. Just Google for site. I store several rigs with these cases and much better than cardboard.

Reed. W4JZ

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Greetings Group Members,
>
> I am looking for a couple of nice empty original Kenwood shipping boxes and styrofoam inserts for my three personal radios.
>
> Guess my obsessive compulsive side just won't rest until my three mint radios have proper homes when not in use!
>
> I can pay $20-30 for each box plus reasonable shipping cost.
>
> Please email me direct at: dream@...
>
> Thanks,
> Darren
>

10873. no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-01 19:27:04 UTC
From: Jerry
Topic: 10873 Message: 10873

Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.

10874. Re: TS-450 or 850 Transmit Frequency Adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-02 20:58:37 UTC
From: rick54045
Topic: 10852 Message: 10874

Hello Mark

The only adjustments that affect Recieve and Transmit frequency that I am aware of are in the service manual. For the TS-850, they are on pages 98 and 99. If your frequency counter and volt meter are properly calibrated to NIST you should be able to get the alignment to the point were you would not be able to tell the difference. It is fairly easy to calibrate a frequency counter using WWV as the signal reference. The volt meter is another matter. The alignment specifications for the 850 specify a tolerance of + or - .03 volts in some cases. To get this type of accuracy, the volt meter used to adjust the VCOs must have a current calibration directly tracable to NIST. Unless you are willing to use a top notch voltmeter recently calibrated at a labratory calibration facility you can't expect the TX and RX frequencies to be "Spot on".

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "k9zy" <k9zy@...> wrote:
>
> This is a bit different than the readout calibration. It is in neither the 450 nor 850 user or service manuals.
>
> I need to adjust only the transmit frequency. It can be done temporarily via the XIT adjust control on teh radios, but I'm trying to calibrate that "zero" setting up 60 Hz. I'm sure it is one of the adjustments on the board given this must be set at some point by the factory. Just don't know which one.
>
> Does anyone have experience adjusting or calibrating the Transmit frequency on a 450 or 850? Receive calicration is fine.
>
> Thanks,
> Mark
> K9ZY
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > I know the 850 calibration is in the manual, so perhaps the 450 is as well
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of k9zy
> > Sent: November-22-11 9:23 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment
> >
> > My 450 is transmitting about 60 hertz lower than is indicated on my radio

> > readout.
> >
> > Does anyone know how I might adjust that, or calibrate it back to on
> > frequency? I saw a post for the 850 receive adjustment, so hoping someone
> > knows how to adjust/calibrate transmit on either 450 or even 850.
> >
> > Thanks,
> > Mark
> > K9ZY
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

10875. Re: TS-450 or 850 Transmit Frequency Adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-02 22:38:07 UTC
From: avvidclif
Topic: 10852 Message: 10875

The VCO voltages do not determine the frequency, they set one end of the lock range and are not that critical, a tenth of a volt is fine with about any voltmeter. Trick is to check the other end and make sure it's OK. You may have to tweak the start to keep it in lock throughout the range.

But that's not your problem anyway.

The RIT, IF Shift, and Car oscillator frequencies are set by the processor in the service menu. That's where you need to be, WITH the proper test equipment.

Clif

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@...> wrote:
>
> Hello Mark
>
> The only adjustments that affect Recieve and Transmit frequency that I am aware of are in the service manual. For the TS-850, they are on pages 98 and 99. If your frequency counter and volt meter are properly calibrated to NIST you should be able to get the alignment to the point were you would not be able to tell the difference. It is fairly easy to calibrate a frequency counter using WWV as the signal reference. The volt meter is another matter. The alignment specifications for the 850 specify a tolerance of + or - .03 volts in some cases. To get this type of accuracy, the volt meter used to adjust the VCOs must have a current calibration directly tracable to NIST. Unless you are willing to use a top notch voltmeter recently calibrated at a labratory calibration facility you can't expect the TX and RX frequencies to be "Spot on".
>
> Eric N7DLV
>
>
> --- In TS-850_450_690@yahoogroups.com, "k9zy" <k9zy@> wrote:
> >
> > This is a bit different than the readout calibration. It is in neither the 450 nor 850 user or service manuals.
> >
> > I need to adjust only the transmit frequency. It can be done temporarily via the XIT adjust control on teh radios, but I'm trying to calibrate that "zero" setting up 60 Hz. I'm sure it is one of the adjustments on the board given this must be set at some point by the factory. Just don't know which one.
> >
> > Does anyone have experience adjusting or calibrating the Transmit frequency on a 450 or 850? Receive calicration is fine.
> >
> > Thanks,
> > Mark
> > K9ZY

> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > >
> > > I know the 850 calibration is in the manual, so perhaps the 450 is as well
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of k9zy
> > > Sent: November-22-11 9:23 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-450 or 850 Transmit Frequency Adjustment
> > >
> > > My 450 is transmitting about 60 hertz lower than is indicated on my radio
> > > readout.
> > >
> > > Does anyone know how I might adjust that, or calibrate it back to on
> > > frequency? I saw a post for the 850 receive adjustment, so hoping someone
> > > knows how to adjust/calibrate transmit on either 450 or even 850.
> > >
> > > Thanks,
> > > Mark
> > > K9ZY
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
>

10876. Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-03 00:27:14 UTC
From: Jerry
Topic: 10873 Message: 10876

An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?

--- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@...> wrote:
>
> Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.
>

10877. Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-03 00:30:29 UTC
From: avvidclif
Topic: 10873 Message: 10877

Start with reset and try again on copying USB and LSB.

--- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@...> wrote:
>
>
>
> An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?
>
> --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> >
> > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.
> >
>

10878. Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-03 01:01:50 UTC
From: Jerry
Topic: 10873 Message: 10878

Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start with reset and try again on copying USB and LSB.
>
> --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> >
> >
> >
> > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?
> >
> > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> > >
> > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.
> > >
> >
> >
>

10879. Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-03 02:51:45 UTC
From: avvidclif
Topic: 10873 Message: 10879

What are the filters set to?

The sidetone is generated by IC3 on the Car unit.

You need a 'scope and a freq counter to check out the Car unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@...> wrote:
>
>
>
> Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Start with reset and try again on copying USB and LSB.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> > >
> > >
> > >
> > > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> > > >
> > > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.
> > > >
> > >
> > >
> >
>

10880. Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 00:34:52 UTC
From: Jerry
Topic: 10873 Message: 10880

Sri all, didn't mean to let this thread die. The rig is in for repair.73 to all and Happy Holidays 73 Jerry

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What are the filters set to?
>
> The sidetone is generated by IC3 on the Car unit.
>
> You need a 'scope and a freq counter to check out the Car unit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> >
> >
> >
> > Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Start with reset and try again on copying USB and LSB.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> > > >
> > > >
> > > >
> > > > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
> > > > >
> > > > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.
> > > > >
> > > >
> > >

> > >
> >
>

10881. Re: [TS-850_450_690] Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 00:48:43 UTC
From: Bob Naylor
Topic: 10873 Message: 10881

Guys, While we're talking about side tone, does anyone know if the side tone mod (volume adjustable via the "mon" control) results in a louder side tone? My only complaint about the 850 is the low volume side tone. Yes it's turned all the way up.Thanks, Bob WE6C

--- On Mon, 12/5/11, Jerry <a1aop@...> wrote:

From: Jerry <a1aop@...>
Subject: [TS-850_450_690] Re: no sidetone
To: TS-850_450_690@yahoogroups.com
Date: Monday, December 5, 2011, 4:34 PM

Sri all, didn't mean to let this thread die. The rig is in for repair.73 to all and Happy Holidays 73 Jerry

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:

>

> What are the filters set to?

>

> The sidetone is generated by IC3 on the Car unit.

>

> You need a 'scope and a freq counter to check out the Car unit.

>

> Clif

>

> --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> >

> >

> >

> > Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.

> >

> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > >

> > > Start with reset and try again on copying USB and LSB.

> > >

> > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> > > >

> > > >

> > > >

> > > > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?

> > > >

> > > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> > > > >

> > > > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.

> > > > >

> > > >

> > >

> >

>

[Non-text portions of this message have been removed]

10882. Re: [TS-850_450_690] Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 03:30:08 UTC
From: Chuck Goelz
Topic: 10873 Message: 10882

Interesting Bob... My sidetone is certainly not turned up to the max, and I like it pretty loud (I use QSK and need to be able to hear it above the pileup -- and my hearing loss, too!) and it's plenty loud enough. I have a 450, and thought the 850 would have been the same circuitry... Maybe Cliff will offer his expertise...

Cheers,
Chuck, WA3CEJ

On 12/5/2011 7:48 PM, Bob Naylor wrote:
>
> Guys, While we're talking about side tone, does anyone know if the
> side tone mod (volume adjustable via the "mon" control) results in a
> louder side tone? My only complaint about the 850 is the low volume
> side tone. Yes it's turned all the way up.Thanks, Bob WE6C
>
> --- On Mon, 12/5/11, Jerry <a1aop@...
> <mailto:a1aop%40yahoo.com>> wrote:
>
> From: Jerry <a1aop@... <mailto:a1aop%40yahoo.com>>
> Subject: [TS-850_450_690] Re: no sidetone
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Monday, December 5, 2011, 4:34 PM
>
>
>
> Sri all, didn't mean to let this thread die. The rig is in for
> repair.73 to all and Happy Holidays 73 Jerry
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "avvidclif" <clif@...> wrote:
>
> >
>
> > What are the filters set to?
>
> >
>
> > The sidetone is generated by IC3 on the Car unit.
>
> >
>
> > You need a 'scope and a freq counter to check out the Car unit.
>

> >
>
> > Clif
>
> >
>
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jerry" <a1aop@> wrote:
>
> > > >
>
> > > >
>
> > > >
>
> > > Thanks Clif, I tried it and no change. There is a slight
> attenuation on the sideband that shouldn't be readable. I haven't made
> a QSO on either sideband so far, so I don't know if it affects SSB
> transmission. The no CW output except on CW-R along with no sidetone
> output haven't changed. That bugs me the most.
>
> > > >
>
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "avvidclif" <clif@> wrote:
>
> > > > >
>
> > > > Start with reset and try again on copying USB and LSB.
>
> > > > >
>
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jerry" <a1aop@> wrote:
>
> > > > > >
>
> > > > > >
>
> > > > > >
>
> > > > An update, still no sidetone and the no cw output has
> returned. Full output on CW-R all day. Output all bands on SSB but I
> can copy a USB signal on LSB and vice versa. The Carrier Caps have
> already been changed out. Any ideas out there?
>
> > > > > >
>
> > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Jerry" <a1aop@> wrote:

>
> > > > > >
>
> > > > > > Hi all, I just acquired a ts850sat with some issues. At
> first it only transmitted on ssb, and that was on three bands and no
> cw or fm on any band. Yesterday I let it stay on for a few hours and
> today it seems like everything works except the sidetone. The rig WILL
> key, and output power, but no audible sidetone. I adjusted pot VR5 to
> the max and I hear an extremly faint sidetone now, you have to really
> strain to hear it so it's not enough to be useable. I do mostly cw so
> any help would be appreciated. I always wanted a 850. Thanks, Jerry.
>
> > > > > > >
>
> > > > > >
>
> > > > >
>
> > > >
>
> > >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

10883. Re: [TS-850_450_690] Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 04:05:53 UTC
From: Alan Riley
Topic: 10873 Message: 10883

Bob, I did the sidetone mod on my 850 a few years back.
The sidetone would deafen me in short order if the monitor
volume was turned up all the way.

Normally it's set at about the 9 o'clock position - (red line
at "2" on the front panel).

Alan, KD5R

----- Original Message -----
From: Bob Naylor
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 05, 2011 6:48 PM
Subject: Re: [TS-850_450_690] Re: no sidetone

Guys, While we're talking about side tone, does anyone know if the side tone mod (volume adjustable via the "mon" control) results in a louder side tone? My only complaint about the 850 is the low volume side tone. Yes it's turned all the way up.Thanks, Bob WE6C

--- On Mon, 12/5/11, Jerry <a1aop@...> wrote:

From: Jerry <a1aop@...>
Subject: [TS-850_450_690] Re: no sidetone
To: TS-850_450_690@yahoogroups.com
Date: Monday, December 5, 2011, 4:34 PM

Sri all, didn't mean to let this thread die. The rig is in for repair.73 to all and Happy Holidays 73 Jerry

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:

>

> What are the filters set to?

>

> The sidetone is generated by IC3 on the Car unit.

>

> You need a 'scope and a freq counter to check out the Car unit.

>

> Clif

>

> --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> >

> >

> >

> > Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.

> >

> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > >

> > > Start with reset and try again on copying USB and LSB.

> > >

> > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> > > >

> > > >

> > > >

> > > > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?

> > > >

> > > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> > > > >

> > > > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.

> > > > >

> > > >

> > >

> >

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10884. Re: [TS-850_450_690] Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 15:01:06 UTC
From: Bob Naylor
Topic: 10873 Message: 10884

Chuck, Alan, Thank you very much. I do plan on sending my rig to Clif sometime this winter for a "tune up" so I guess I'll ask him if he would be willing to do that mod for me.
I took my 850 to field day which is at a somewhat noisy location. I had a hard time hearing my own side tone since I do use QSK most of the time.
I have also double checked the side tone adjustment inside and it's at max.
Thank you guys, I know what to do now.
73, Bob WE6C

--- On Mon, 12/5/11, Alan Riley <arr44@...> wrote:

From: Alan Riley <arr44@...>
Subject: Re: [TS-850_450_690] Re: no sidetone
To: TS-850_450_690@yahoogroups.com
Date: Monday, December 5, 2011, 8:05 PM

Bob, I did the sidetone mod on my 850 a few years back.

The sidetone would deafen me in short order if the monitor

volume was turned up all the way.

Normally it's set at about the 9 o'clock position - (red line

at "2" on the front panel).

Alan, KD5R

----- Original Message -----

From: Bob Naylor

To: TS-850_450_690@yahoogroups.com

Sent: Monday, December 05, 2011 6:48 PM

Subject: Re: [TS-850_450_690] Re: no sidetone

Guys, While we're talking about side tone, does anyone know if the side tone mod (volume adjustable via the "mon" control) results in a louder side tone? My only complaint about the 850 is the low volume side tone. Yes it's turned all the way up.Thanks, Bob WE6C

--- On Mon, 12/5/11, Jerry <a1aop@yahoo.com> wrote:

From: Jerry <a1aop@...>

Subject: [TS-850_450_690] Re: no sidetone

To: TS-850_450_690@yahoogroups.com

Date: Monday, December 5, 2011, 4:34 PM

Sri all, didn't mean to let this thread die. The rig is in for repair.73 to all and Happy Holidays 73 Jerry

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:

>

> What are the filters set to?

>

> The sidetone is generated by IC3 on the Car unit.

>

> You need a 'scope and a freq counter to check out the Car unit.

>

> Clif

>

> --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> >

> >

> >

> > Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.

> >

> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > >

> > > Start with reset and try again on copying USB and LSB.

> > >

> > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> > > >

> > > >

> > > >

> > > > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa. The Carrier Caps have already been changed out. Any ideas out there?

> > > >

> > > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:

> > > > >

> > > > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.

> > > > >

> > > > >

> > > >

> > >

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10885. Re: no sidetone

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 16:35:28 UTC
From: avvidclif
Topic: 10873 Message: 10885

Sure.

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Chuck, Alan, Thank you very much.Â I do plan on sending my rig to Clif sometime this winter for a "tune up" so I guess I'll ask him if he would be willing to do that mod for me.
> I took my 850 to field day which is at a somewhat noisy location.Â I had a hard time hearing my own side tone since I do use QSK most of the time.
> I have also double checked the side tone adjustment inside and it's at max.
> Thank you guys, I know what to do now.
> 73, BobÂ WE6C
>
> --- On Mon, 12/5/11, Alan Riley <arr44@...> wrote:
>
> From: Alan Riley <arr44@...>
> Subject: Re: [TS-850_450_690] Re: no sidetone
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, December 5, 2011, 8:05 PM
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Bob, I did the sidetone mod on my 850 a few years back.
>
> The sidetone would deafen me in short order if the monitor
>
> volume was turned up all the way.
>

>
>
> Normally it's set at about the 9 o'clock position - (red line
>
> at "2" on the front panel).
>
>
>
> Alan, KD5R
>
>
>
> ----- Original Message -----
>
> From: Bob Naylor
>
> To: TS-850_450_690@yahoogroups.com
>
> Sent: Monday, December 05, 2011 6:48 PM
>
> Subject: Re: [TS-850_450_690] Re: no sidetone
>
>
>
> Guys, While we're talking about side tone, does anyone know if the side tone mod (volume adjustable via the "mon" control) results in a louder side tone? My only complaint about the 850 is the low volume side tone. Yes it's turned all the way up.Thanks, Bob WE6C
>
>
>
> --- On Mon, 12/5/11, Jerry <a1aop@...> wrote:
>
>
>
> From: Jerry <a1aop@...>
>
> Subject: [TS-850_450_690] Re: no sidetone
>
> To: TS-850_450_690@yahoogroups.com
>
> Date: Monday, December 5, 2011, 4:34 PM
>
>
>
> Sri all, didn't mean to let this thread die. The rig is in for repair.73 to all and Happy Holidays 73 Jerry
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

>
>
>
> >
>
>
>
> > What are the filters set to?
>
>
>
> >
>
>
>
> > The sidetone is generated by IC3 on the Car unit.
>
>
>
> >
>
>
>
> > You need a 'scope and a freq counter to check out the Car unit.
>
>
>
> >
>
>
>
> > Clif
>
>
>
> >
>
>
>
> > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
>
>
>
> > >
>
>
>
> > >
>
>
>

>
> > >
>
>
>
> > > Thanks Clif, I tried it and no change. There is a slight attenuation on the sideband that shouldn't be readable. I haven't made a QSO on either sideband so far, so I don't know if it affects SSB transmission. The no CW output except on CW-R along with no sidetone output haven't changed. That bugs me the most.
>
>
>
> > >
>
>
>
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
>
>
>
> > > >
>
>
>
> > > > Start with reset and try again on copying USB and LSB.
>
>
>
> > > >
>
>
>
> > > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
>
>
>
> > > > >
>
>
>
> > > > > >
>
>
>
> > > > > >
>
>
>
> > > > > > An update, still no sidetone and the no cw output has returned. Full output on CW-R all day. Output all bands on SSB but I can copy a USB signal on LSB and vice versa.

The Carrier Caps have already been changed out. Any ideas out there?
>
>
>
> > > > >
>
>
>
> > > > > --- In TS-850_450_690@yahoogroups.com, "Jerry" <a1aop@> wrote:
>
>
>
> > > > > > >
>
>
>
> > > > > > Hi all, I just acquired a ts850sat with some issues. At first it only transmitted on ssb, and that was on three bands and no cw or fm on any band. Yesterday I let it stay on for a few hours and today it seems like everything works except the sidetone. The rig WILL key, and output power, but no audible sidetone. I adjusted pot VR5 to the max and I hear an extremly faint sidetone now, you have to really strain to hear it so it's not enough to be useable. I do mostly cw so any help would be appreciated. I always wanted a 850. Thanks, Jerry.
>
>
>
> > > > > >
>
>
>
> > > > > >
>
>
>
> > > > >
>
>
>
> > > >
>
>
>
> > >
>
>
>
> > [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

10886. Re: TS450 + collins filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 21:24:10 UTC
From: Ramon DU1FV
Topic: 5533 Message: 10886

Hi!
Most probably a case of impedance mismatch. the collins filters likely have higher impedances than the standard (lo -Z) kenwood filters. Try some resistive L-pads and see if things improve. If they do, time to get into the math for exact component values.
Mon

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Hello guys
> I got a very old collins mechanical filter from old Collins radio.
> It is cylindrical 2,7khz upper SSB filter for 455khz type F 455 Z4
> 7437 and p/n 526 9364 00.Have 3+3 pins on sides.I try install it to my
> 450s for 455khz filter place.Performance is very miserable.Signals
> 9+30 is dropped to 3 over this filter.I tried all variations of filter
> pin. conections(in,out,ground).I find proper pins on filter board from
> manual 450.The filter give impedance 50 ohms between pins via
> multimeter,but nothing impedance across the filter.Maybe the filter is
> very old and non resonable,or electrical parameters ts450 are
> incorrect for this one.Have somebody any idea?
> Thanks Tom
>

10887. Re: TS450 + collins filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-06 21:28:17 UTC
From: Ramon DU1FV
Topic: 5533 Message: 10887

Hi!
I just looked it up and found those collins filters have a 27k ohm impedance!
Mon
--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@...> wrote:
>
> Hello guys
> I got a very old collins mechanical filter from old Collins radio.
> It is cylindrical 2,7khz upper SSB filter for 455khz type F 455 Z4
> 7437 and p/n 526 9364 00.Have 3+3 pins on sides.I try install it to my
> 450s for 455khz filter place.Performance is very miserable.Signals
> 9+30 is dropped to 3 over this filter.I tried all variations of filter
> pin. conections(in,out,ground).I find proper pins on filter board from
> manual 450.The filter give impedance 50 ohms between pins via
> multimeter,but nothing impedance across the filter.Maybe the filter is
> very old and non resonable,or electrical parameters ts450 are
> incorrect for this one.Have somebody any idea?
> Thanks Tom
>

10888. TS-850 ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-07 19:45:20 UTC
From: n2vww
Topic: 10888 Message: 10888

I have a 3rd hand 850 that had the ALC fluctuating problem. I replaced the DC/DC converter board and adjusted the ALC voltage at TP-3 on the RF board.

I now have no indication of ALC when transmitting 100W ssb with the meter set ALC.

I think I should adjust the ALC as in step 25 on page 103 of the service manual.

Here is my question; In the adjustment procedure it states that VR7 is set to max and VR8 is set to minimum. Then the power out is set to 100W max with VR7, is VR8 left at the max position?

I am a little confused with the manual.

Thanks

73

Gary n2vww

10889. RE: [TS-850_450_690] TS-850 ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-07 20:56:52 UTC
From: Dave Gmail
Topic: 10888 Message: 10889

Did you turn up the car level...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of n2vww
Sent: December-07-11 2:45 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 ALC

I have a 3rd hand 850 that had the ALC fluctuating problem. I replaced the
DC/DC converter board and adjusted the ALC voltage at TP-3 on the RF board.

I now have no indication of ALC when transmitting 100W ssb with the meter
set ALC.

I think I should adjust the ALC as in step 25 on page 103 of the service
manual.

Here is my question; In the adjustment procedure it states that VR7 is set
to max and VR8 is set to minimum. Then the power out is set to 100W max with
VR7, is VR8 left at the max position?

I am a little confused with the manual.

Thanks

73

Gary n2vww

THANKS FOR USING TS-850_450_690@...! Groups Links

10890. RE: [TS-850_450_690] TS-850 ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-08 01:14:23 UTC
From: Gary K
Topic: 10888 Message: 10890

Hi Dave.

Yes I did turn up the carrier level when I transmitted cw into the dummy load. It made no differnce.

I think someone tried adjusting the ALC when the actual problem was the DC/DC converter board.

I just need clarification on the adjustment as it is stated in the service manual.

Thanks

Gary n2vww

[Non-text portions of this message have been removed]

10891. Re: TS-850 ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-08 15:15:46 UTC
From: avvidclif
Topic: 10888 Message: 10891

You followed step 25 which sets the max power out in CW mode to 100w measured on an external wattmeter. VR7 sets the power level. VR8 is the protection setting and requires a 3-1 dummy load to set (step 36).

Now go to step 34 and set the ALC meter, you will need an audio generator with calibrated output.

Clif

--- In TS-850_450_690@yahoogroups.com, "n2vww" <n2vww@...> wrote:
>
> I have a 3rd hand 850 that had the ALC fluctuating problem. I replaced the DC/DC converter board and adjusted the ALC voltage at TP-3 on the RF board.
>
> I now have no indication of ALC when transmitting 100W ssb with the meter set ALC.
>
> I think I should adjust the ALC as in step 25 on page 103 of the service manual.
>
> Here is my question; In the adjustment procedure it states that VR7 is set to max and VR8 is set to minimum. Then the power out is set to 100W max with VR7, is VR8 left at the max position?
>
> I am a little confused with the manual.
>
> Thanks
>
> 73
>
> Gary n2vww
>

10892. Re: TS-850 ALC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-08 15:37:22 UTC
From: Gary K
Topic: 10888 Message: 10892

Thanks for clearing that up Cliff ! I did'nt read far enough in the manual.

I guess it is time to send the 850 in for alignment because I do not have calibrated test equipment.

73

Gary n2vww

[Non-text portions of this message have been removed]

10893. TS 450 questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-08 22:21:20 UTC
From: Frank
Topic: 10893 Message: 10893

I am new to this group however I service all my own radios. Most are military though. The service manual for the TS 450 requires a calibrated audio output signal of 5mv, 10 mv and 20 mv and my question are these audio outputs peak to peak, average, RMS, I am guessing peak to peak.
I also am having trouble finding the service manual print out for the display board as my display seems to have icons that are always on, never turn off, and the 10s MHz diget has 2 segments that are always on. I would like to look at the driver lines for the display to see if I have a bad driver or a bad display.
TNX to the group. Frank KD7HVL Tucson

10894. Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 16:48:07 UTC
From: ninorusso1959
Topic: 10894 Message: 10894

I recently bought a TS850S second hand and I noticed that you hear when listening to a crackling sound heard. If I reduce the rx the crackling disappears, I noticed that when I turn the NOTCH filter the crackling disappears but then I get the popping especially strong signals around the band. so I'm curious if there is a problem with the AGC on this radio or on the audio portion.
I also noticed that the AGC SLOW position is like in FAST.
TS850 I was wondering if other users have experienced this problem or have any advice for me. I am anxious to get rid of it because it makes the band sound louder than they really are.

Sincerely, Nino

10895. Re: Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 18:07:11 UTC
From: ninorusso1959
Topic: 10894 Message: 10895

--- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@...> wrote:
>
> I recently bought a TS850S second hand and I noticed that you hear when listening to a crackling sound heard. If I reduce the rx the crackling disappears, I noticed that when I turn the NOTCH filter the crackling disappears but then I get the popping especially strong signals around the band. so I'm curious if there is a problem with the AGC on this radio or on the audio portion.
> I also noticed that the AGC SLOW position is like in FAST.
> TS850 I was wondering if other users have experienced this problem or have any advice for me. I am anxious to get rid of it because it makes the band sound louder than they really are.
>
> Sincerely, Nino
>
I should add that I noticed adjusting the TUNE knob to low values of the crackling disappears completely

10896. RE: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 20:16:34 UTC
From: Dave Gmail
Topic: 10894 Message: 10896

Check on q49 on the rf?? Board.... there have been discussions on this before.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ninorusso1959
Sent: December-09-11 1:07 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC is not good?

--- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@...>
wrote:
>
> I recently bought a TS850S second hand and I noticed that you hear when
listening to a crackling sound heard. If I reduce the rx the crackling
disappears, I noticed that when I turn the NOTCH filter the crackling
disappears but then I get the popping especially strong signals around the
band. so I'm curious if there is a problem with the AGC on this radio or on
the audio portion.
> I also noticed that the AGC SLOW position is like in FAST.
> TS850 I was wondering if other users have experienced this problem or have
any advice for me. I am anxious to get rid of it because it makes the band
sound louder than they really are.
>
> Sincerely, Nino
>
I should add that I noticed adjusting the TUNE knob to low values
of the crackling disappears completely

THANKS FOR USING TS-850_450_690@...! Groups Links

10897. Re: Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 21:14:11 UTC
From: ninorusso1959
Topic: 10894 Message: 10897

Thanks Dave .... I had not tried one of the posts.
Can I also put a transistor equivalent? and if yes .. which one?

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Check on q49 on the rf?? Board.... there have been discussions on this
> before.
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ninorusso1959
> Sent: December-09-11 1:07 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC
> is not good?
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@>
> wrote:
> >
> > I recently bought a TS850S second hand and I noticed that you hear when
> listening to a crackling sound heard. If I reduce the rx the crackling
> disappears, I noticed that when I turn the NOTCH filter the crackling
> disappears but then I get the popping especially strong signals around the
> band. so I'm curious if there is a problem with the AGC on this radio or on
> the audio portion.
> > I also noticed that the AGC SLOW position is like in FAST.
> > TS850 I was wondering if other users have experienced this problem or have
> any advice for me. I am anxious to get rid of it because it makes the band
> sound louder than they really are.
> >
> > Sincerely, Nino
> >
> I should add that I noticed adjusting the TUNE knob to low values
> of the crackling disappears completely
>
>
>
> ---------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links

>

10898. Re: Another very happy AVVID rescued TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 21:53:36 UTC
From: Randy Turner
Topic: 10714 Message: 10898

That's great to hear! He has my 850 now. He also helped me greatly over email, but I was unable to find the culprit. I haven't heard from him since the rig got there, but I know from all the reviews that it (and me) are in good hands.

Randy Turner
W4PJH

10899. Re: Another very happy AVVID rescued TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 22:05:33 UTC
From: avvidclif
Topic: 10714 Message: 10899

Just got here today.

Clif

--- In TS-850_450_690@yahoogroups.com, "Randy Turner" <ecso953@...> wrote:
>
> That's great to hear! He has my 850 now. He also helped me greatly over email, but I was unable to find the culprit. I haven't heard from him since the rig got there, but I know from all the reviews that it (and me) are in good hands.
>
>
> Randy Turner
> W4PJH
>

10900. RE: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-09 22:32:03 UTC
From: Dave Gmail
Topic: 10894 Message: 10900

Kenwood has the part dtc124ek

www.kenwoodparts.com

not sure if there is any substitute, or whether mouser, etc carry it.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ninorusso1959
Sent: December-09-11 4:14 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC
is not good?

Thanks Dave .... I had not tried one of the posts.
Can I also put a transistor equivalent? and if yes .. which one?

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Check on q49 on the rf?? Board.... there have been discussions on this
> before.
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ninorusso1959
> Sent: December-09-11 1:07 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 -
AGC
> is not good?
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@>
> wrote:
> >
> > I recently bought a TS850S second hand and I noticed that you hear when
> listening to a crackling sound heard. If I reduce the rx the crackling
> disappears, I noticed that when I turn the NOTCH filter the crackling
> disappears but then I get the popping especially strong signals around the
> band. so I'm curious if there is a problem with the AGC on this radio or

on
> the audio portion.
> > I also noticed that the AGC SLOW position is like in FAST.
> > TS850 I was wondering if other users have experienced this problem or
have
> any advice for me. I am anxious to get rid of it because it makes the band
> sound louder than they really are.
> >
> > Sincerely, Nino
> >
> I should add that I noticed adjusting the TUNE knob to low values
> of the crackling disappears completely
>
>
>
> ---
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

THANKS FOR USING TS-850_450_690@...! Groups Links

10901. Re: Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-10 09:44:09 UTC
From: ninorusso1959
Topic: 10894 Message: 10901

Thanks Dave.
I found the dealership here in Italy which provides the Kenwood TS850 parts, and days I will send the transistor.
I'll let you know ....
I miss just a few pictures of the exact position of the RF transistors on the board. I saw that in some past discussion, someone said to have the photos ... I will try to contact him.
Thanks again and the next.

Nino

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Kenwood has the part dtc124ek
>
> www.kenwoodparts.com
>
> not sure if there is any substitute, or whether mouser, etc carry it.
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ninorusso1959
> Sent: December-09-11 4:14 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC
> is not good?
>
> Thanks Dave .... I had not tried one of the posts.
> Can I also put a transistor equivalent? and if yes .. which one?
>
> --- In TS-850_450_690@...m, "Dave Gmail" <ve3wej@> wrote:
> >
> > Check on q49 on the rf?? Board.... there have been discussions on this
> > before.
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of ninorusso1959
> > Sent: December-09-11 1:07 PM
> > To: TS-850_450_690@yahoogroups.com

> > Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 -
> AGC
> > is not good?
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@>
> > wrote:
> > >
> > > I recently bought a TS850S second hand and I noticed that you hear when
> > listening to a crackling sound heard. If I reduce the rx the crackling
> > disappears, I noticed that when I turn the NOTCH filter the crackling
> > disappears but then I get the popping especially strong signals around the
> > band. so I'm curious if there is a problem with the AGC on this radio or
> on
> > the audio portion.
> > > I also noticed that the AGC SLOW position is like in FAST.
> > > TS850 I was wondering if other users have experienced this problem or
> have
> > any advice for me. I am anxious to get rid of it because it makes the band
> > sound louder than they really are.
> > >
> > > Sincerely, Nino
> > >
> > I should add that I noticed adjusting the TUNE knob to low values
> > of the crackling disappears completely
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10902. Re: Another very happy AVVID rescued TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-10 17:14:23 UTC
From: Randy Turner
Topic: 10714 Message: 10902

It wasn't a complaint.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Just got here today.
>
> Clif

10903. Analog S meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-11 01:09:21 UTC
From: Randy Turner
Topic: 10903 Message: 10903

I was thinking... (watch out) I had a Yaesu FT-857 for a brief stint. I built an external S meter for it out of an old SWR meter using its rear jack. I would LOVE to do that for my TS-850. Obviously it has no rear meter jack, but, I know all I need is access to the AGC voltage, correct. Would pin 6 on the "ACC 2" Jack allow me this function, or would it effectively divide the voltage by 2 between the existing meter and the analog one, giving me erroneous readings?

10904. TS850 Dropping / No TX on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-11 12:53:10 UTC
From: Alex
Topic: 10904 Message: 10904

Hi to All

My brother TS850 started to develope a problem, TX is abnormal put out 10watts only on SSB but there are time it will put out 100w. On any other mode FM or CW it has full 100w output. When he turn on the monitor on the radio during TX he can hear his audio, i assume the audio path is ok but no output on SSB.

Anyone experience this problem and any info how to trouble shoot this kind of problem?

Thank you,
Alex

10905. TS-850 Problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-14 21:25:12 UTC
From: ah6rr1
Topic: 10905 Message: 10905

I have a friends 850 here that has No ALC/SWR indications at all and when it is put into transmit it trips the power supply because it draws too many amps in SSB. This problem has just popped up I had just fixed the Q49 on the RF board (Thanks Clif) and it was fine after that. He used the radio for about 2 hrs when this happened. the receive is fine. Another thing is the Dim button does not do a thing either. Anyone seen this before if it needs a new DC/DC converter board I do have a spare.

Roland AH6RR

10906. TS-850 delay on reception

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-15 12:16:50 UTC
From: ve2jtx
Topic: 10906 Message: 10906

When i pouch on the radio, i had 10 sec delay before the reception go on.

sorry for my english. French.

I check all capacitor on CAR board and DC board.

One think on the CAR board i had 1 IC is YM66312 and 3 other is ym6631?

10907. Reception trouble ts-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-15 15:40:29 UTC
From: ve2jtx
Topic: 10907 Message: 10907

When i open my radio, i had a delay about 10 sec after i receive. The display is open but no reception.

I check all cap on CAR and all is ok.

One think is the IC1 is a YM66312 and the others ic YM6631????

sorry for my english. french

10908. Re: [TS-850_450_690] TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-15 18:15:20 UTC
From: Bob Naylor
Topic: 10888 Message: 10908

Clif, I sent you a personal e-mail about some TS-850 work.

Thanks, Bob WE6C

[Non-text portions of this message have been removed]

10909. RE: [TS-850_450_690] TS-850 Problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-15 20:43:16 UTC
From: Dave Gmail
Topic: 10905 Message: 10909

Are you verifying the power supply did not go bad, what size supply.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ah6rr1
Sent: December-14-11 4:25 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 Problems

I have a friends 850 here that has No ALC/SWR indications at all and when it
is put into transmit it trips the power supply because it draws too many
amps in SSB. This problem has just popped up I had just fixed the Q49 on the
RF board (Thanks Clif) and it was fine after that. He used the radio for
about 2 hrs when this happened. the receive is fine. Another thing is the
Dim button does not do a thing either. Anyone seen this before if it needs a
new DC/DC converter board I do have a spare.

Roland AH6RR

THANKS FOR USING TS-850_450_690@...! Groups Links

10910. Re: Reception trouble ts-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 03:33:21 UTC
From: ve2jtx
Topic: 10907 Message: 10910

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:
>
> When i open my radio, i had a delay about 10 sec after i receive. The display is open but no reception.
>
> I check all cap on CAR and all is ok.
>
> One think is the IC1 is a YM66312 and the others ic YM6631????
>
> sorry for my english. french

My trouble is the CAR oscillator 8.735Mhz .... IC2 YM6631.

I need a Chip YM66312 ???? where is possible to buy this IC?
>

10912. YM66312 IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 03:35:35 UTC
From: ve2jtx
Topic: 10912 Message: 10912

Where is possible to buy this IC???

10914. Re: [TS-850_450_690] YM66312 IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 13:41:07 UTC
From: John Faughn
Topic: 10912 Message: 10914

I would like to find either the 11s or 12s , but unless there are some lurking in a warehouse somewhere , they maybe all gone .
John
KD0CAC
73

On Thu, Dec 15, 2011 at 9:35 PM, ve2jtx <ve2jtx@...> wrote:

> **
>
>
> Where is possible to buy this IC???
>
>
>

[Non-text portions of this message have been removed]

10915. TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 07:08:37 UTC
From: Rein A
Topic: 10915 Message: 10915

Hi All,

My beloved TS-850 has been used in monitoring around the clock for
a long time. Today a storm came through the area, with some remote
weak, distant lightning. No close hits though. Not even sure it is even related.
I found the radio in send mode, no way to get it out of this mode.
It is actually producing output, though the antenna tuner is not
working.
I have no illusions about the set, but perhaps there is help or idea's here?

73 Rein W6SZ

10916. Re: TS-850 Problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 16:40:47 UTC
From: ah6rr1
Topic: 10905 Message: 10916

30amp supply on my bench and 25 amp at his shack. If I crank down the power to just above the far counter clockwise or number 2-3 it is ok but once it goes a\bove 3.5 and above it is drawing well over 30 amps and power out is over 150 and nobody put the Golden Screwdriver to it. It just started doing it by it's self.

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Are you verifying the power supply did not go bad, what size supply.
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ah6rr1
> Sent: December-14-11 4:25 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 Problems
>
> I have a friends 850 here that has No ALC/SWR indications at all and when it
> is put into transmit it trips the power supply because it draws too many
> amps in SSB. This problem has just popped up I had just fixed the Q49 on the
> RF board (Thanks Clif) and it was fine after that. He used the radio for
> about 2 hrs when this happened. the receive is fine. Another thing is the
> Dim button does not do a thing either. Anyone seen this before if it needs a
> new DC/DC converter board I do have a spare.
>
> Roland AH6RR
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10917. Re: YM66312 IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 16:36:45 UTC
From: Alex
Topic: 10912 Message: 10917

Hi,

You can find those upgraded chips, sometimes at ebay when there is a separated parts of a TS850, price usually reach above $100, ave is $150.

Good luck

73
Alex

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:

> Where is possible to buy this IC???
>

10918. Re: [TS-850_450_690] TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 17:42:43 UTC
From: Tom Osborne
Topic: 10915 Message: 10918

I know this sounds silly, but you didn't hit the 'send' button my mistake?

You might also unplug the mic and make sure the key isn't shorted somehow.
73
Tom W7WHY

Hi All,

My beloved TS-850 has been used in monitoring around the clock for
a long time. Today a storm came through the area, with some remote
weak, distant lightning. No close hits though. Not even sure it is even
related.
I found the radio in send mode, no way to get it out of this mode.
It is actually producing output, though the antenna tuner is not
working.
I have no illusions about the set, but perhaps there is help or idea's here?

73 Rein W6SZ

10919. Re: TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-16 18:02:55 UTC
From: birchardvilleobservatory
Topic: 10915 Message: 10919

Power on reset? Does it power off? The Power on CPU reset may clear some faults. Cheap if you don't mind losing your memory contents.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> I know this sounds silly, but you didn't hit the 'send' button my mistake?
>
> You might also unplug the mic and make sure the key isn't shorted somehow.
> 73
> Tom W7WHY
>
> Hi All,
>
> My beloved TS-850 has been used in monitoring around the clock for
> a long time. Today a storm came through the area, with some remote
> weak, distant lightning. No close hits though. Not even sure it is even
> related.
> I found the radio in send mode, no way to get it out of this mode.
> It is actually producing output, though the antenna tuner is not
> working.
> I have no illusions about the set, but perhaps there is help or idea's here?
>
> 73 Rein W6SZ
>

10920. YM66312 CHINA IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-17 02:06:09 UTC
From: ve2jtx
Topic: 10920 Message: 10920

Any one use or order IC from China YM66312 ????

10921. Re: YM66312 CHINA IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-17 09:11:26 UTC
From: Alex
Topic: 10920 Message: 10921

Hi,

My advice dont order from any of them, in any seller in china, we were fooled by a seller in china already,they thought they still have the ic on their stock, send us quotation then we send the money. luckly the store were we send the money returned our money less the telegraphic transfer cost to them. And told us it is not available anywhere in china

Few will do like this returning the money, we were just so desperate to get this IC YM66312, some will quote you low,some high and asking to send the money. The DDS IC is NOT available anywhere.

The only way to get it is 2nd hand, from a good working board maybe from ebay. I bought our board from ebay to repair a TS450S, price range from $80 to $120.

Good Luck

Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:
>
> Any one use or order IC from China YM66312 ????
>

10922. Re: YM66312 CHINA IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-17 18:01:26 UTC
From: ve2jtx
Topic: 10920 Message: 10922

Ok my friend had a old ts690 for parts i will by from.
--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
>
>
>
>
> Hi,
>
> My advice dont order from any of them, in any seller in china, we were fooled by a seller in china already,they thought they still have the ic on their stock, send us quotation then we send the money. luckly the store were we send the money returned our money less the telegraphic transfer cost to them. And told us it is not available anywhere in china
>
> Few will do like this returning the money, we were just so desperate to get this IC YM66312, some will quote you low,some high and asking to send the money. The DDS IC is NOT available anywhere.
>
> The only way to get it is 2nd hand, from a good working board maybe from ebay. I bought our board from ebay to repair a TS450S, price range from $80 to $120.
>
> Good Luck
>
> Alex
> DV1TBX
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@> wrote:
> >
> > Any one use or order IC from China YM66312 ????
> >
>

10923. Re: YM66312 CHINA IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-18 02:48:47 UTC
From: ve2jtx
Topic: 10920 Message: 10923

I need alway one?

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:
>
>
> Ok my friend had a old ts690 for parts i will by from.
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> >
> >
> >
> >
> > Hi,
> >
> > My advice dont order from any of them, in any seller in china, we were fooled by a seller in china already,they thought they still have the ic on their stock, send us quotation then we send the money. luckly the store were we send the money returned our money less the telegraphic transfer cost to them. And told us it is not available anywhere in china
> >
> > Few will do like this returning the money, we were just so desperate to get this IC YM66312, some will quote you low,some high and asking to send the money. The DDS IC is NOT available anywhere.
> >
> > The only way to get it is 2nd hand, from a good working board maybe from ebay. I bought our board from ebay to repair a TS450S, price range from $80 to $120.
> >
> > Good Luck
> >
> > Alex
> > DV1TBX
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@> wrote:
> > >
> > > Any one use or order IC from China YM66312 ????
> > >
> >
>

10924. Re: YM66312 CHINA IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-18 15:42:26 UTC
From: ve2jtx
Topic: 10920 Message: 10924

I need one ..... my friend is defect to.

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:
>
>
> Ok my friend had a old ts690 for parts i will by from.
> --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> >
> >
> >
> >
> >
> > Hi,
> >
> > My advice dont order from any of them, in any seller in china, we were fooled by a seller in china already,they thought they still have the ic on their stock, send us quotation then we send the money. luckly the store were we send the money returned our money less the telegraphic transfer cost to them. And told us it is not available anywhere in china
> >
> > Few will do like this returning the money, we were just so desperate to get this IC YM66312, some will quote you low,some high and asking to send the money. The DDS IC is NOT available anywhere.
> >
> > The only way to get it is 2nd hand, from a good working board maybe from ebay. I bought our board from ebay to repair a TS450S, price range from $80 to $120.
> >
> > Good Luck
> >
> > Alex
> > DV1TBX
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@> wrote:
> > >
> > > Any one use or order IC from China YM66312 ????
> > >
> >
>

10925. Build oscillator to fix the dds trouble

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-18 15:43:47 UTC
From: ve2jtx
Topic: 10925 Message: 10925

Any one make a oscillator for remove this DDS chip.

I need info if something build this

10926. internal antenna tuner squeals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-18 19:06:06 UTC
From: w9ffc@wi.rr.com
Topic: 10926 Message: 10926

I have a Kenwood TS-850sat and the internal antenna tuner squeals
when in operation.
Which lubricant would you suggest 1. Powered Graphite, or 2. Tuner
Cleaner Spray.
Maybe you have other suggestions.....

Thanks.....73.....Bob

Just another Poo Flingin Day in the jungle

10927. Re: internal antenna tuner squeals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-19 00:07:33 UTC
From: ah6rr1
Topic: 10926 Message: 10927

I used a product called Corrosion Block when mine did that and it has been fine for the last 1.5 years now.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "w9ffc@..." <w9ffc@...> wrote:
>
> I have a Kenwood TS-850sat and the internal antenna tuner squeals
> when in operation.
> Which lubricant would you suggest 1. Powered Graphite, or 2. Tuner
> Cleaner Spray.
> Maybe you have other suggestions.............
>
> Thanks........73............Bob
>
> Just another Poo Flingin Day in the jungle
>

10928. Re: internal antenna tuner squeals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-19 00:55:50 UTC
From: avvidclif
Topic: 10926 Message: 10928

I use sewing machine oil.

Clif

--- In TS-850_450_690@yahoogroups.com, "w9ffc@..." <w9ffc@...> wrote:
>
> I have a Kenwood TS-850sat and the internal antenna tuner squeals
> when in operation.
> Which lubricant would you suggest 1. Powered Graphite, or 2. Tuner
> Cleaner Spray.
> Maybe you have other suggestions.............
>
> Thanks........73............Bob
>
> Just another Poo Flingin Day in the jungle
>

10929. Re: [TS-850_450_690] Re: internal antenna tuner squeals

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-19 02:20:10 UTC
From: Tom Osborne
Topic: 10926 Message: 10929

Sewing machine oil is good, as long as it is not '3-In-1' oil. That has a parafin base which will get gummy after a while. A sewing machine shop will sell really good sewing machine oil. 73
Tom W7WHY

I use sewing machine oil.

Clif

>
> I have a Kenwood TS-850sat and the internal antenna tuner squeals
> when in operation.
> Which lubricant would you suggest 1. Powered Graphite, or 2. Tuner
> Cleaner Spray.
> Maybe you have other suggestions.............
>

10930. KAT 1 WITH TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-21 17:45:55 UTC
From: Humberto
Topic: 10930 Message: 10930

Does anyone know if the TK 80 antenna tuner (KAT 1) is compatible with the TS450S?
My TS 450S antenna tuner is broken and I have a unit of KAT 1.
Aesthetically they look equal in size and shape.

Thanks in advance;

Humberto

10931. Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-22 01:13:40 UTC
From: Richard Schmuke
Topic: 10931 Message: 10931

Does anybody use MRP40 and a Signalink USB.
My receive is great but I can't get it so send.
Kenwood 450 is the rig. It off topic you can e-mail me direct.

Rich , KDØZZ , ☺

10932. Another question - KAT 2 WITH TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-22 11:31:06 UTC
From: Humberto
Topic: 10932 Message: 10932

I also have the Kenwood TK-80 internal antena tuner (KAT 2).
It is new and never been used.

Does anyone know if the Kenwood TK 80 internal antenna tuner (KAT 2) can be used internally in the TS450S? Is it compatible with the TS450S?

Humberto

10933. RE: [TS-850_450_690] Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-22 16:32:40 UTC
From: Dave Gmail
Topic: 10931 Message: 10933

What is a mrp40

Is the signallink still a vox ptt like the sl1+. Maybe its just your audio out of the sound card is not high enogh, or if it has them, adjust the controls inside the signal link. I have used a sl1+ on my 850 (same wiring, via the 13 pin connector)

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Richard Schmuke
Sent: December-21-11 8:14 PM
To: Richard Schmuke
Subject: [TS-850_450_690] Question

Does anybody use MRP40 and a Signalink USB.
My receive is great but I can't get it so send.
Kenwood 450 is the rig. It off topic you can e-mail me direct.

Rich , KDØZZ , ☺

THANKS FOR USING TS-850_450_690@...! Groups Links

10934. RE: [TS-850_450_690] Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-22 17:27:09 UTC
From: Richard Schmuke
Topic: 10931 Message: 10934

The Signalink USB sound card work fine on PSK-31 at less than 1/2 on the transmit drive knob so I assume the sound card is fine, MRP40 is a CW send and receive program. I also use the 13 pin plug. I am still looking around.

Rich

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dave Gmail
Sent: Thursday, December 22, 2011 10:33 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Question

What is a mrp40

Is the signallink still a vox ptt like the sl1+. Maybe its just your audio out of the sound card is not high enogh, or if it has them, adjust the controls inside the signal link. I have used a sl1+ on my 850 (same wiring, via the 13 pin connector)

-----Original Message-----
From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> [mailto:TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>] On Behalf Of Richard Schmuke
Sent: December-21-11 8:14 PM
To: Richard Schmuke
Subject: [TS-850_450_690] Question

Does anybody use MRP40 and a Signalink USB.
My receive is great but I can't get it so send.
Kenwood 450 is the rig. It off topic you can e-mail me direct.

Rich , KDØZZ , ☺

THANKS FOR USING TS-850_450_690@... <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> !
Groups Links

[Non-text portions of this message have been removed]

10935. Re: TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-22 20:36:16 UTC
From: Rein A
Topic: 10915 Message: 10935

Hello All,

Thanks to those that answered my email.

I am glad to report that the problem got solved though I did
not find it myself!
What happened was that the PTT line, coming from the 13 pin
connector, had a leaking capacitor pulling the PTT line into
transmit. Once you know, a trivial error.

Though I switch that PTT line with an opto-isolator, some excess
voltage might have zapped the capacitor into a semi conducting
state. (20 Kohm leak current)

It could also have been just a failing capacitor starting to leak after some 18 years.

My thanks to N6AX.

73 Rein W6SZ

--- In TS-850_450_690@yahoogroups.com, "Rein A" <rein0zn@...> wrote:
>
> Hi All,
>
> My beloved TS-850 has been used in monitoring around the clock for
> a long time. Today a storm came through the area, with some remote
> weak, distant lightning. No close hits though. Not even sure it is even related.
> I found the radio in send mode, no way to get it out of this mode.
> It is actually producing output, though the antenna tuner is not
> working.
> I have no illusions about the set, but perhaps there is help or idea's here?
>
> 73 Rein W6SZ
>

10936. Re: For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-23 14:49:52 UTC
From: Dave-Zero dBm0
Topic: 10871 Message: 10936

This radio has serial number 51000283. Sorry I did not include this information in the original posting.

--- In TS-850_450_690@yahoogroups.com, "Dave-Zero dBm0" <k7qt@...> wrote:
>
> I am listing a TS850SAT with RS70 Power supply on behalf of a ham in failing health. The radio and ps are 17 years old and operational. The 850 is fully loaded and has the voice module in it. These are pickup only in the Eugene, Oregon area. $600.00 Firm. Call 541-487-4009 or email me off list, please.
>
> Thank you to the group for allowing me to post this.
>
>
> Dave Frechette, K7QT
>

10937. Re: TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-23 16:35:39 UTC
From: birchardvilleobservatory
Topic: 10915 Message: 10937

Thanks for the update ... not everyone reports on the ultimate resolution and the root cause...

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Rein A" <rein0zn@...> wrote:
>
>
>
>
>
>
> Hello All,
>
>
> Thanks to those that answered my email.
>
> I am glad to report that the problem got solved though I did
> not find it myself!
> What happened was that the PTT line, coming from the 13 pin
> connector, had a leaking capacitor pulling the PTT line into
> transmit. Once you know, a trivial error.
>
> Though I switch that PTT line with an opto-isolator, some excess
> voltage might have zapped the capacitor into a semi conducting
> state. (20 Kohm leak current)
>
> It could also have been just a failing capacitor starting to leak after some 18 years.
>
> My thanks to N6AX.
>
> 73 Rein W6SZ
>
>

10938. Re: [TS-850_450_690] Re: TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-23 17:21:03 UTC
From: rein0zn@ix.netcom.com
Topic: 10915 Message: 10938

HI Al,

Thanks for your kind words.

73 Rein W6SZ

-----Original Message-----
>From: birchardvilleobservatory <birchardvilleobservatory@...>
>Sent: Dec 23, 2011 5:35 AM
>To: TS-850_450_690@yahoogroups.com
>Subject: [TS-850_450_690] Re: TS-850 locked in transmit. mode with output
>
>Thanks for the update ... not everyone reports on the ultimate resolution and the root cause...
>
>Dan AA3LS
>
>--- In TS-850_450_690@yahoogroups.com, "Rein A" <rein0zn@...> wrote:
>>
>>
>>
>>
>>
>>
>> Hello All,
>>
>>
>> Thanks to those that answered my email.
>>
>> I am glad to report that the problem got solved though I did
>> not find it myself!
>> What happened was that the PTT line, coming from the 13 pin
>> connector, had a leaking capacitor pulling the PTT line into
>> transmit. Once you know, a trivial error.
>>
>> Though I switch that PTT line with an opto-isolator, some excess
>> voltage might have zapped the capacitor into a semi conducting
>> state. (20 Kohm leak current)
>>
>> It could also have been just a failing capacitor starting to leak after some 18 years.
>>
>> My thanks to N6AX.
>>
>> 73 Rein W6SZ
>>
>>

>
>

10939. Re: [TS-850_450_690] Re: TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-23 18:29:55 UTC
From: rein0zn@ix.netcom.com
Topic: 10915 Message: 10939

Sorry Dan,

My error.

73 Rein W6SZ

-----Original Message-----
>From: rein0zn@...
>Sent: Dec 23, 2011 6:21 AM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Re: TS-850 locked in transmit. mode with output
>
>HI Al,
>
>Thanks for your kind words.
>
>73 Rein W6SZ
>
>
>-----Original Message-----
>>From: birchardvilleobservatory <birchardvilleobservatory@...>
>>Sent: Dec 23, 2011 5:35 AM
>>To: TS-850_450_690@yahoogroups.com
>>Subject: [TS-850_450_690] Re: TS-850 locked in transmit. mode with output
>>
>>Thanks for the update ... not everyone reports on the ultimate resolution and the root cause...
>>
>>Dan AA3LS
>>
>>--- In TS-850_450_690@yahoogroups.com, "Rein A" <rein0zn@...> wrote:
>>>
>>>
>>>
>>>
>>>
>>>
>>> Hello All,
>>>
>>>
>>> Thanks to those that answered my email.
>>>
>>> I am glad to report that the problem got solved though I did
>>> not find it myself!
>>> What happened was that the PTT line, coming from the 13 pin
>>> connector, had a leaking capacitor pulling the PTT line into

>>> transmit. Once you know, a trivial error.
>>>
>>> Though I switch that PTT line with an opto-isolator, some excess
>>> voltage might have zapped the capacitor into a semi conducting
>>> state. (20 Kohm leak current)
>>>
>>> It could also have been just a failing capacitor starting to leak after some 18 years.
>>>
>>> My thanks to N6AX.
>>>
>>> 73 Rein W6SZ
>>>
>>>
>>
>>

10940. TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-24 03:30:19 UTC
From: darren.ream
Topic: 10940 Message: 10940

I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.

Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.

This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.

The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.

But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.

So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.

Love this board and its members...so many mysteries solved by just a simple search through the archives!

Thanks,
Darren

10941. Re: TS-850 locked in transmit. mode with output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-24 03:47:17 UTC
From: birchardvilleobservatory
Topic: 10915 Message: 10941

I guess you were apologizing for mixing up names.

I was thanking you for reporting the resolution, which doesn't always get reported, so some fixes have to be re-discovered.

Thanks again... I wasn't trying to complain in any way!

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, rein0zn@... wrote:
>
>
> Sorry Dan,
>
> My error.
>
> 73 Rein W6SZ
>

10942. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-24 14:53:53 UTC
From: avvidclif
Topic: 10940 Message: 10942

What is the max power out on 20m into a dummy load measured on an external wattmeter?

Clif

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
>
> Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
>
> This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
>
> The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
>
> But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
>
> So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
>
> Love this board and its members...so many mysteries solved by just a simple search through the archives!
>
> Thanks,
> Darren
>

10943. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-24 18:49:06 UTC
From: darren.ream
Topic: 10940 Message: 10943

Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.

Thanks,
Darren

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the max power out on 20m into a dummy load measured on an external wattmeter?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> >
> > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> >
> > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> >
> > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> >
> > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> >
> > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> >
> > So I guess my question is, help me understand why ALC deflection goes down to

practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> >
> > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> >
> > Thanks,
> > Darren
> >
>

10944. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-25 04:38:55 UTC
From: avvidclif
Topic: 10940 Message: 10944

Ok, I want to know the power in CW mode with power and carrier to the max.

Clif

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
>
> Thanks,
> Darren
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What is the max power out on 20m into a dummy load measured on an external wattmeter?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > >
> > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> > >
> > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > >
> > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > >
> > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal

operation.
> > >
> > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > >
> > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > >
> > > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> > >
> > > Thanks,
> > > Darren
> > >
> >
>

10945. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-25 08:10:13 UTC
From: darren.ream
Topic: 10940 Message: 10945

Same. With PWR and CAR cranked all the way full, 90W shows on the internal meter & ALC is just past the red ALC zone. When PWR is reduced and CAR left at full, ALC increases until pegging full scale when power is down to between 25W-40W. Just like on SSB.

However, when PWR is left at full and the CAR is reduced instead, the ALC action seems more normal: as CAR is reduced, ALC starts dropping first and drops all the way to nothing right as the power meter finally starts to begin dropping from 90W. This point where ALC just reaches zero but the meter still reads 90W is at about 1 o'clock on the CAR control. 5 o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the power smoothly drop from 90W to nothing with the ALC staying at zero.

Both power and ALC meter action is very smooth, there is no erratic jumping around with either indication as I move the controls.

Darren

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Ok, I want to know the power in CW mode with power and carrier to the max.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> >
> > Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
> >
> > Thanks,
> > Darren
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What is the max power out on 20m into a dummy load measured on an external wattmeter?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > >
> > > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem

since PWR remains steady.
> > > >
> > > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > > >
> > > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > > >
> > > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> > > >
> > > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > > >
> > > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > > >
> > > > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> > > >
> > > > Thanks,
> > > > Darren
> > > >
> > >
> >
>

10946. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-25 16:13:08 UTC
From: avvidclif
Topic: 10940 Message: 10946

Please, I asked for an external meter reading?

Clif

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Same. With PWR and CAR cranked all the way full, 90W shows on the internal meter & ALC is just past the red ALC zone. When PWR is reduced and CAR left at full, ALC increases until pegging full scale when power is down to between 25W-40W. Just like on SSB.
>
> However, when PWR is left at full and the CAR is reduced instead, the ALC action seems more normal: as CAR is reduced, ALC starts dropping first and drops all the way to nothing right as the power meter finally starts to begin dropping from 90W. This point where ALC just reaches zero but the meter still reads 90W is at about 1 o'clock on the CAR control. 5 o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the power smoothly drop from 90W to nothing with the ALC staying at zero.
>
> Both power and ALC meter action is very smooth, there is no erratic jumping around with either indication as I move the controls.
>
> Darren
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Ok, I want to know the power in CW mode with power and carrier to the max.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > >
> > > Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
> > >
> > > Thanks,
> > > Darren
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > What is the max power out on 20m into a dummy load measured on an external

wattmeter?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > >
> > > > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> > > > >
> > > > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > > > >
> > > > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > > > >
> > > > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> > > > >
> > > > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > > > >
> > > > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > > > >
> > > > > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> > > > >
> > > > > Thanks,
> > > > > Darren
> > > > >
> > > >
> > >
> > >
> >
>

10947. TS-450 intermittent no output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-26 00:15:23 UTC
From: wi2g
Topic: 10947 Message: 10947

I have a TS-450, bought new, which developed such a severe intermittent on transmit (output would drop from 100W on CW to nearly zero; I was still barely-audible by the other station) that it was no longer reliable transportation. The fellas in Virginia Beach couldn't replicate the problem, although it doesn't seem to be antenna- or power-supply-related. Is it possible my long-ago MARS mod may be to blame? I'd like to resurrect the rig (which worked well until the intermittent) as a backup for my 570. Tnx for any help and happy holidays de Anne WI2G

10948. Re: [TS-850_450_690] TS-450 intermittent no output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-27 08:23:54 UTC
From: Joop!
Topic: 10947 Message: 10948

Op 26-12-2011 1:15, wi2g schreef:
>
> I have a TS-450, bought new, which developed such a severe
> intermittent on transmit (output would drop from 100W on CW to nearly
> zero; I was still barely-audible by the other station) that it was no
> longer reliable transportation. The fellas in Virginia Beach couldn't
> replicate the problem, although it doesn't seem to be antenna- or
> power-supply-related. Is it possible my long-ago MARS mod may be to
> blame? I'd like to resurrect the rig (which worked well until the
> intermittent) as a backup for my 570. Tnx for any help and happy
> holidays de Anne WI2G
>
>
Anne, maybe you already did, but I would suggest to first have a look at
the fuseholder(s) and fuses in the powerlead.
Clean them untill they are shiny, and there is no residue from whatsoever.
It is a common failure after some period of time, the same as the
molex-type powerplug.
After some time of use, it will defenitely run hot because of a bad
connection.
(only need 1 Ohm at 20 A for some heat!).

Happy New Year!

73, Joop Schalkwijk / PD2JAM.

[Non-text portions of this message have been removed]

10949. Clearing tuner memory ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-27 16:06:20 UTC
From: johnfaughn
Topic: 10949 Message: 10949

There seems to be any number of ways to get bad / wrong tune into memory .
I am looking for a way to clear tuner memory ?
TS-850SAT

10950. Re: Clearing tuner memory ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-27 16:41:51 UTC
From: avvidclif
Topic: 10949 Message: 10950

It only stores one setting per band so do a tune on that band and it will change.
OR do a reset on the radio, that clears the tuner memory on all bands.

Clif

--- In TS-850_450_690@yahoogroups.com, "johnfaughn" <john.faughn@...> wrote:
>
> There seems to be any number of ways to get bad / wrong tune into memory .
> I am looking for a way to clear tuner memory ?
> TS-850SAT
>

10951. Re: Clearing tuner memory ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-27 17:08:28 UTC
From: John Faughn
Topic: 10949 Message: 10951

Thanks Cliff ,
I do not use my auto tuner often , because I do not get as good tune as my manual tuner [Palstar AT2K] and using antenna analyzer [MFJ 269] to tune the manual tuner .
The auto is quicker , and now I have some new RFI/EMI in the area that affects my analyzer .
I am checking out some of the auto tuners , like Palstar etc. , but want to do some testing to see if I can get them to keep the SWR & reactance as low as I get with the man. tuner & analyzer ?
Thanks John
KD0CAC
73

[Non-text portions of this message have been removed]

10952. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-28 01:42:34 UTC
From: darren.ream
Topic: 10940 Message: 10952

Hi Clif. First of all thanks for helping me with this issue. I have no shame and am to be the test subject showing my ignorance for all to see in order to publicly document and explain this ALC phenomenon.

Back to business, I got my external wattmeter back today (a KW AT-230) and it shows the exact same behavior as I previously posted except that now the readings are about 10W higher at peak. 100W out at the wattmeter and 90W out at the internal bar-graph display. That and the range of full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W before.

Darren

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Please, I asked for an external meter reading?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> >
> > Same. With PWR and CAR cranked all the way full, 90W shows on the internal meter & ALC is just past the red ALC zone. When PWR is reduced and CAR left at full, ALC increases until pegging full scale when power is down to between 25W-40W. Just like on SSB.
> >
> > However, when PWR is left at full and the CAR is reduced instead, the ALC action seems more normal: as CAR is reduced, ALC starts dropping first and drops all the way to nothing right as the power meter finally starts to begin dropping from 90W. This point where ALC just reaches zero but the meter still reads 90W is at about 1 o'clock on the CAR control. 5 o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the power smoothly drop from 90W to nothing with the ALC staying at zero.
> >
> > Both power and ALC meter action is very smooth, there is no erratic jumping around with either indication as I move the controls.
> >
> > Darren
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Ok, I want to know the power in CW mode with power and carrier to the max.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > >
> > > > Clif, I'll have to get back to you next week when I get my wattmeter back that I

loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
> > > >
> > > > Thanks,
> > > > Darren
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > What is the max power out on 20m into a dummy load measured on an external wattmeter?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > > >
> > > > > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> > > > > >
> > > > > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > > > > >
> > > > > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > > > > >
> > > > > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> > > > > >
> > > > > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > > > > >
> > > > > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > > > > >
> > > > > > Love this board and its members...so many mysteries solved by just a simple search through the archives!

> > > > > >
> > > > > > Thanks,
> > > > > > Darren
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>

10953. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-28 03:30:04 UTC
From: avvidclif
Topic: 10940 Message: 10953

Not a problem for me.I was fully expecting to see a large increase in the power level on the external meter. If it's showing 100w with Car and Pwr at full I'm getting short on ideas. I don't have to tell you what it should be doing so all I can say it doesn't make any sense.

Have you monitored the 13.8 inside the radio while trying the test? Also look at the -6 supply. Something is strange....

Clif

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Hi Clif. First of all thanks for helping me with this issue. I have no shame and am to be the test subject showing my ignorance for all to see in order to publicly document and explain this ALC phenomenon.
>
> Back to business, I got my external wattmeter back today (a KW AT-230) and it shows the exact same behavior as I previously posted except that now the readings are about 10W higher at peak. 100W out at the wattmeter and 90W out at the internal bar-graph display. That and the range of full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W before.
>
> Darren
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Please, I asked for an external meter reading?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > >
> > > Same. With PWR and CAR cranked all the way full, 90W shows on the internal meter & ALC is just past the red ALC zone. When PWR is reduced and CAR left at full, ALC increases until pegging full scale when power is down to between 25W-40W. Just like on SSB.
> > >
> > > However, when PWR is left at full and the CAR is reduced instead, the ALC action seems more normal: as CAR is reduced, ALC starts dropping first and drops all the way to nothing right as the power meter finally starts to begin dropping from 90W. This point where ALC just reaches zero but the meter still reads 90W is at about 1 o'clock on the CAR control. 5 o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the power smoothly drop from 90W to nothing with the ALC staying at zero.
> > >
> > > Both power and ALC meter action is very smooth, there is no erratic jumping around with either indication as I move the controls.

> > >
> > > Darren
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Ok, I want to know the power in CW mode with power and carrier to the max.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > >
> > > > > Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
> > > > >
> > > > > Thanks,
> > > > > Darren
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > What is the max power out on 20m into a dummy load measured on an external wattmeter?
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > > > >
> > > > > > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> > > > > > >
> > > > > > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > > > > > >
> > > > > > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > > > > > >
> > > > > > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce

mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> > > > > > >
> > > > > > > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > > > > > > >
> > > > > > > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > > > > > > >
> > > > > > > > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> > > > > > > >
> > > > > > > > Thanks,
> > > > > > > > Darren
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
>

10954. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-28 15:35:12 UTC
From: darren.ream
Topic: 10940 Message: 10954

Power out on other bands is a little higher: 160, 80, & 40, it is 120W out, 12 & 10, it is 115W or so. But on 20, 17, & 15, it's about 105W. Don't know if this makes any difference. ALC action is the same on all bands. I get 13.8V inside the radio (where the power in connects to the board).

Also, just noticed my crappy ol' dummy load has a 2:1 SWR. Maybe this is making a difference? I am ordering a new dummy load today.

Perhaps I might just not worry about it then. It does not affect operation, the radio puts out good audio & full power when I want it, and runs great with the mic gain set at 9-10 o'clock, how I generally run all my other Kenwoods. Funny I can't get it to overdrive even with the mic gain cranked all the way open...still get good audio reports and sounds fine through the monitor. This is with my Heil, tonight when I get home from work I'm going to see if I can get it to overdrive with the stock hand mic.

My other 850 is stored away and now that I think of it, I did not notice this issue until I started using this 850, so I think now it is just with this radio. Perhaps it just needs a good alignment including the ALC circuit & metering?

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Not a problem for me.I was fully expecting to see a large increase in the power level on the external meter. If it's showing 100w with Car and Pwr at full I'm getting short on ideas. I don't have to tell you what it should be doing so all I can say it doesn't make any sense.
>
> Have you monitored the 13.8 inside the radio while trying the test? Also look at the -6 supply. Something is strange....
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> >
> > Hi Clif. First of all thanks for helping me with this issue. I have no shame and am to be the test subject showing my ignorance for all to see in order to publicly document and explain this ALC phenomenon.
> >
> > Back to business, I got my external wattmeter back today (a KW AT-230) and it shows the exact same behavior as I previously posted except that now the readings are about 10W higher at peak. 100W out at the wattmeter and 90W out at the internal bar-graph display. That and the range of full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W before.
> >
> > Darren
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > >
> > > Please, I asked for an external meter reading?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > >
> > > > Same. With PWR and CAR cranked all the way full, 90W shows on the internal meter & ALC is just past the red ALC zone. When PWR is reduced and CAR left at full, ALC increases until pegging full scale when power is down to between 25W-40W. Just like on SSB.
> > > >
> > > > However, when PWR is left at full and the CAR is reduced instead, the ALC action seems more normal: as CAR is reduced, ALC starts dropping first and drops all the way to nothing right as the power meter finally starts to begin dropping from 90W. This point where ALC just reaches zero but the meter still reads 90W is at about 1 o'clock on the CAR control. 5 o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the power smoothly drop from 90W to nothing with the ALC staying at zero.
> > > >
> > > > Both power and ALC meter action is very smooth, there is no erratic jumping around with either indication as I move the controls.
> > > >
> > > > Darren
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Ok, I want to know the power in CW mode with power and carrier to the max.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > > >
> > > > > > Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
> > > > > >
> > > > > > Thanks,
> > > > > > Darren
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > What is the max power out on 20m into a dummy load measured on an external wattmeter?
> > > > > > >
> > > > > > > Clif
> > > > > > >

> > > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > > > > > >
> > > > > > > > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> > > > > > > > >
> > > > > > > > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > > > > > > > >
> > > > > > > > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > > > > > > > >
> > > > > > > > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> > > > > > > > >
> > > > > > > > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > > > > > > > >
> > > > > > > > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > > > > > > > >
> > > > > > > > > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> > > > > > > > >
> > > > > > > > > Thanks,
> > > > > > > > > Darren
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
>

10955. Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-28 15:58:49 UTC
From: Ken Winterling
Topic: 10940 Message: 10955

Darren,

Did you put an ohm meter on that dummy load to make sure it is defective?
I don't usually see a dummy load drift that far off. It is often an issue
with the cable(s) and/or connector(s) between the dummy load and the radio
that are the problem.

Ken
WA2LBI

On Wed, Dec 28, 2011 at 10:35, darren.ream <darren.ream@...> wrote:

> Power out on other bands is a little higher: 160, 80, & 40, it is 120W
> out, 12 & 10, it is 115W or so. But on 20, 17, & 15, it's about 105W.
> Don't know if this makes any difference. ALC action is the same on all
> bands. I get 13.8V inside the radio (where the power in connects to the
> board).
>
> Also, just noticed my crappy ol' dummy load has a 2:1 SWR. Maybe this is
> making a difference? I am ordering a new dummy load today.
>
> Perhaps I might just not worry about it then. It does not affect
> operation, the radio puts out good audio & full power when I want it, and
> runs great with the mic gain set at 9-10 o'clock, how I generally run all
> my other Kenwoods. Funny I can't get it to overdrive even with the mic
> gain cranked all the way open...still get good audio reports and sounds
> fine through the monitor. This is with my Heil, tonight when I get home
> from work I'm going to see if I can get it to overdrive with the stock hand
> mic.
>
> My other 850 is stored away and now that I think of it, I did not notice
> this issue until I started using this 850, so I think now it is just with
> this radio. Perhaps it just needs a good alignment including the ALC
> circuit & metering?
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
> >
> > Not a problem for me.I was fully expecting to see a large increase in
> the power level on the external meter. If it's showing 100w with Car and
> Pwr at full I'm getting short on ideas. I don't have to tell you what it
> should be doing so all I can say it doesn't make any sense.
> >
> > Have you monitored the 13.8 inside the radio while trying the test? Also
> look at the -6 supply. Something is strange....

> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@>
> wrote:
> > >
> > > Hi Clif. First of all thanks for helping me with this issue. I have
> no shame and am to be the test subject showing my ignorance for all to see
> in order to publicly document and explain this ALC phenomenon.
> > >
> > > Back to business, I got my external wattmeter back today (a KW AT-230)
> and it shows the exact same behavior as I previously posted except that now
> the readings are about 10W higher at peak. 100W out at the wattmeter and
> 90W out at the internal bar-graph display. That and the range of
> full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W
> before.
> > >
> > > Darren
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Please, I asked for an external meter reading?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@>
> wrote:
> > > > >
> > > > > Same. With PWR and CAR cranked all the way full, 90W shows on the
> internal meter & ALC is just past the red ALC zone. When PWR is reduced and
> CAR left at full, ALC increases until pegging full scale when power is down
> to between 25W-40W. Just like on SSB.
> > > > >
> > > > > However, when PWR is left at full and the CAR is reduced instead,
> the ALC action seems more normal: as CAR is reduced, ALC starts dropping
> first and drops all the way to nothing right as the power meter finally
> starts to begin dropping from 90W. This point where ALC just reaches zero
> but the meter still reads 90W is at about 1 o'clock on the CAR control. 5
> o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from
> just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the
> power smoothly drop from 90W to nothing with the ALC staying at zero.
> > > > >
> > > > > Both power and ALC meter action is very smooth, there is no
> erratic jumping around with either indication as I move the controls.
> > > > >
> > > > > Darren
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > Ok, I want to know the power in CW mode with power and carrier

> to the max.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream"
> <darren.ream@> wrote:
> > > > > > >
> > > > > > > Clif, I'll have to get back to you next week when I get my
> wattmeter back that I loaned out to a friend. I have no less than 3
> wattmeters and they are all spread to the four winds right now. If it
> helps, into a dummy load on 20m, output shows one bar less than 100W, so
> that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk
> on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I
> typically see around 25W-40W watts on peaks. Since the meter is peak
> reading, this means I'm running pretty conservatively, which is pretty much
> my philosophy with everything.
> > > > > > >
> > > > > > > Thanks,
> > > > > > > Darren
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@>
> wrote:
> > > > > > > >
> > > > > > > > What is the max power out on 20m into a dummy load measured
> on an external wattmeter?
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream"
> <darren.ream@> wrote:
> > > > > > > > >
> > > > > > > > > I read all the previous posts I could find on ALC
> (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize
> this. It doesn't seem to be the DC-DC board problem since PWR remains
> steady.
> > > > > > > > >
> > > > > > > > > Help me understand the theory here. I have two TS-850's
> and they both do the same thing: ALC action (deflection) is greatest with
> the RF power control set at 10 o'clock, or about 25W with a steady tone.
> As I increase PWR, power output goes up all the way to 100W as expected,
> but ALC deflection goes down. At max mic gain the ALC meter reading only
> barely registers a couple dots. I crank the power back to the 10 o'clock
> setting and the ALC comes back up and shows full deflection with the steady
> tone and on voice peaks.
> > > > > > > > >
> > > > > > > > > This is true on all bands, into the antenna, or into a
> dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine
> injected, as I increase PWR, the ALC smoothly decreases in inverse
> proportion.
> > > > > > > > >

> > > > > > > > > The problem is that it makes mic gain adjustment via the
> ALC impossible. Even with the mic gain all the way full at 5 o'clock and
> clearly overdriving, I barely see any ALC deflection. So at normal full
> PWR output, I simply rely on the power meter and reduce mic gain until I am
> only seeing about 75% of max AVG power, like I would on a rig without an
> ALC meter. I don't distort, get good audio reports, so I don't worry about
> it in normal operation.
> > > > > > > > >
> > > > > > > > > > But I know I am missing something here theory-wise, and if
> I understood what was going on, I'm sure I could be a better operator.
> > > > > > > > > >
> > > > > > > > > > So I guess my question is, help me understand why ALC
> deflection goes down to practically nothing at full PWR even with mic gain
> cranked all the way up. And why it goes up to max deflection when PWR is
> cranked back to 10 o'clock.
> > > > > > > > > >
> > > > > > > > > > Love this board and its members...so many mysteries solved
> by just a simple search through the archives!
> > > > > > > > > >
> > > > > > > > > > Thanks,
> > > > > > > > > > Darren
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

10956. Frying noise on TS850 in AM receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-28 16:07:39 UTC
From: g8lyv
Topic: 10956 Message: 10956

Hi, I have been getting a frying noise in AM receive. I turned the RF gain right down and the noise is still there particularly when I turn the AF gain up in AM, all other modes are fine.
I shorted either side of the detector diode to ground, no difference. Bridged the 4066 switch, pins 1 and 2, no difference. Changed out C101, the coupling cap into the 4066, again no change. I am guessing it's a noisy 2sc2712-y, Q17 on the IF board, or it could be the 1 meg resistor, R120.

Anyone seen this before? Any thoughts on what it might be?

73's Kevin G8LYV

10957. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-29 04:02:04 UTC
From: darren.ream
Topic: 10940 Message: 10957

Kem thanks for the reminder. And yes, my dummy load is in fact crap, as it reads 90 ohms. It was new off fleaBay. Guess I deserve what I got. It doesn't seem to make much difference as into my antenna (with proper ID, of course) the readings are the nearly the same.

I couldn't stand the curiosity anymore and unpacked my old TS-850 and ran through these tests. Everything was perfect with my trusty old 850! It has max 130W out on the external meter and showed beautiful proper ALC action: Power out hit the max at about 3/4 the way on the PWR control and then everything past that just increased ALC and power out stayed constant. Nice good ALC action as I increased the PWR past max and the ALC kicked in limiting power out. I am reminded how much I like this particular radio, which by the way, I was going to sell. But now I'm having second thoughts...

I emailed Clif and my "new" 850 is off to Avvid for some expert care. I'll post back and let the group know what the problem was.

Thanks for the help and advice.

Darren

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Darren,
>
> Did you put an ohm meter on that dummy load to make sure it is defective?
> I don't usually see a dummy load drift that far off. It is often an issue
> with the cable(s) and/or connector(s) between the dummy load and the radio
> that are the problem.
>
> Ken
> WA2LBI
>
>
>
> On Wed, Dec 28, 2011 at 10:35, darren.ream <darren.ream@...> wrote:
>
> > Power out on other bands is a little higher: 160, 80, & 40, it is 120W
> > out, 12 & 10, it is 115W or so. But on 20, 17, & 15, it's about 105W.
> > Don't know if this makes any difference. ALC action is the same on all
> > bands. I get 13.8V inside the radio (where the power in connects to the
> > board).
> >
> > Also, just noticed my crappy ol' dummy load has a 2:1 SWR. Maybe this is
> > making a difference? I am ordering a new dummy load today.
> >
> > Perhaps I might just not worry about it then. It does not affect
> > operation, the radio puts out good audio & full power when I want it, and

> > runs great with the mic gain set at 9-10 o'clock, how I generally run all
> > my other Kenwoods. Funny I can't get it to overdrive even with the mic
> > gain cranked all the way open...still get good audio reports and sounds
> > fine through the monitor. This is with my Heil, tonight when I get home
> > from work I'm going to see if I can get it to overdrive with the stock hand
> > mic.
> >
> > My other 850 is stored away and now that I think of it, I did not notice
> > this issue until I started using this 850, so I think now it is just with
> > this radio. Perhaps it just needs a good alignment including the ALC
> > circuit & metering?
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Not a problem for me.I was fully expecting to see a large increase in
> > the power level on the external meter. If it's showing 100w with Car and
> > Pwr at full I'm getting short on ideas. I don't have to tell you what it
> > should be doing so all I can say it doesn't make any sense.
> > >
> > > Have you monitored the 13.8 inside the radio while trying the test? Also
> > look at the -6 supply. Something is strange....
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@>
> > wrote:
> > > >
> > > > Hi Clif. First of all thanks for helping me with this issue. I have
> > no shame and am to be the test subject showing my ignorance for all to see
> > in order to publicly document and explain this ALC phenomenon.
> > > >
> > > > Back to business, I got my external wattmeter back today (a KW AT-230)
> > and it shows the exact same behavior as I previously posted except that now
> > the readings are about 10W higher at peak. 100W out at the wattmeter and
> > 90W out at the internal bar-graph display. That and the range of
> > full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W
> > before.
> > > >
> > > > Darren
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Please, I asked for an external meter reading?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@>
> > wrote:
> > > > > >

> > > > > > Same. With PWR and CAR cranked all the way full, 90W shows on the
> > internal meter & ALC is just past the red ALC zone. When PWR is reduced and
> > CAR left at full, ALC increases until pegging full scale when power is down
> > to between 25W-40W. Just like on SSB.
> > > > > >
> > > > > > However, when PWR is left at full and the CAR is reduced instead,
> > the ALC action seems more normal: as CAR is reduced, ALC starts dropping
> > first and drops all the way to nothing right as the power meter finally
> > starts to begin dropping from 90W. This point where ALC just reaches zero
> > but the meter still reads 90W is at about 1 o'clock on the CAR control. 5
> > o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from
> > just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the
> > power smoothly drop from 90W to nothing with the ALC staying at zero.
> > > > > > >
> > > > > > > Both power and ALC meter action is very smooth, there is no
> > erratic jumping around with either indication as I move the controls.
> > > > > > >
> > > > > > > Darren
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > Ok, I want to know the power in CW mode with power and carrier
> > to the max.
> > > > > > > > >
> > > > > > > > Clif
> > > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream"
> > <darren.ream@> wrote:
> > > > > > > > > >
> > > > > > > > > Clif, I'll have to get back to you next week when I get my
> > wattmeter back that I loaned out to a friend. I have no less than 3
> > wattmeters and they are all spread to the four winds right now. If it
> > helps, into a dummy load on 20m, output shows one bar less than 100W, so
> > that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk
> > on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I
> > typically see around 25W-40W watts on peaks. Since the meter is peak
> > reading, this means I'm running pretty conservatively, which is pretty much
> > my philosophy with everything.
> > > > > > > > > >
> > > > > > > > > Thanks,
> > > > > > > > > Darren
> > > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@>
> > wrote:
> > > > > > > > > > >
> > > > > > > > > > What is the max power out on 20m into a dummy load measured
> > on an external wattmeter?
> > > > > > > > > > >
> > > > > > > > > > Clif
> > > > > > > > > > >

> > > > > > > > > --- In TS-850_450_690@...m, "darren.ream"
> > <darren.ream@> wrote:
> > > > > > > > > >
> > > > > > > > > > > I read all the previous posts I could find on ALC
> > (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize
> > this. It doesn't seem to be the DC-DC board problem since PWR remains
> > steady.
> > > > > > > > > > >
> > > > > > > > > > > Help me understand the theory here. I have two TS-850's
> > and they both do the same thing: ALC action (deflection) is greatest with
> > the RF power control set at 10 o'clock, or about 25W with a steady tone.
> > As I increase PWR, power output goes up all the way to 100W as expected,
> > but ALC deflection goes down. At max mic gain the ALC meter reading only
> > barely registers a couple dots. I crank the power back to the 10 o'clock
> > setting and the ALC comes back up and shows full deflection with the steady
> > tone and on voice peaks.
> > > > > > > > > > >
> > > > > > > > > > > This is true on all bands, into the antenna, or into a
> > dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine
> > injected, as I increase PWR, the ALC smoothly decreases in inverse
> > proportion.
> > > > > > > > > > >
> > > > > > > > > > > The problem is that it makes mic gain adjustment via the
> > ALC impossible. Even with the mic gain all the way full at 5 o'clock and
> > clearly overdriving, I barely see any ALC deflection. So at normal full
> > PWR output, I simply rely on the power meter and reduce mic gain until I am
> > only seeing about 75% of max AVG power, like I would on a rig without an
> > ALC meter. I don't distort, get good audio reports, so I don't worry about
> > it in normal operation.
> > > > > > > > > > >
> > > > > > > > > > > But I know I am missing something here theory-wise, and if
> > I understood what was going on, I'm sure I could be a better operator.
> > > > > > > > > > >
> > > > > > > > > > > So I guess my question is, help me understand why ALC
> > deflection goes down to practically nothing at full PWR even with mic gain
> > cranked all the way up. And why it goes up to max deflection when PWR is
> > cranked back to 10 o'clock.
> > > > > > > > > > >
> > > > > > > > > > > Love this board and its members...so many mysteries solved
> > by just a simple search through the archives!
> > > > > > > > > > >
> > > > > > > > > > > Thanks,
> > > > > > > > > > > Darren
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > >
> > >
> >
> >

> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

10958. Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-29 14:31:26 UTC
From: E
Topic: 10940 Message: 10958

Darren, I know this has little to do with your thread, but I 'wanted' to sell one of two hf transceivers due to little radio time and $, I chose to sell an Icom pro III over my TS-850/DSP-100.

Eric/kr9w

From: darren.ream
Sent: Wednesday, December 28, 2011 10:02 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Kem thanks for the reminder. And yes, my dummy load is in fact crap, as it reads 90 ohms. It was new off fleaBay. Guess I deserve what I got. It doesn't seem to make much difference as into my antenna (with proper ID, of course) the readings are the nearly the same.

I couldn't stand the curiosity anymore and unpacked my old TS-850 and ran through these tests. Everything was perfect with my trusty old 850! It has max 130W out on the external meter and showed beautiful proper ALC action: Power out hit the max at about 3/4 the way on the PWR control and then everything past that just increased ALC and power out stayed constant. Nice good ALC action as I increased the PWR past max and the ALC kicked in limiting power out. I am reminded how much I like this particular radio, which by the way, I was going to sell. But now I'm having second thoughts...

I emailed Clif and my "new" 850 is off to Avvid for some expert care. I'll post back and let the group know what the problem was.

Thanks for the help and advice.

Darren

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Darren,
>
> Did you put an ohm meter on that dummy load to make sure it is defective?
> I don't usually see a dummy load drift that far off. It is often an issue
> with the cable(s) and/or connector(s) between the dummy load and the radio
> that are the problem.
>
> Ken
> WA2LBI
>
>
>
> On Wed, Dec 28, 2011 at 10:35, darren.ream <darren.ream@...> wrote:

>
> > Power out on other bands is a little higher: 160, 80, & 40, it is 120W
> > out, 12 & 10, it is 115W or so. But on 20, 17, & 15, it's about 105W.
> > Don't know if this makes any difference. ALC action is the same on all
> > bands. I get 13.8V inside the radio (where the power in connects to the
> > board).
> >
> > Also, just noticed my crappy ol' dummy load has a 2:1 SWR. Maybe this is
> > making a difference? I am ordering a new dummy load today.
> >
> > Perhaps I might just not worry about it then. It does not affect
> > operation, the radio puts out good audio & full power when I want it, and
> > runs great with the mic gain set at 9-10 o'clock, how I generally run all
> > my other Kenwoods. Funny I can't get it to overdrive even with the mic
> > gain cranked all the way open...still get good audio reports and sounds
> > fine through the monitor. This is with my Heil, tonight when I get home
> > from work I'm going to see if I can get it to overdrive with the stock hand
> > mic.
> >
> > My other 850 is stored away and now that I think of it, I did not notice
> > this issue until I started using this 850, so I think now it is just with
> > this radio. Perhaps it just needs a good alignment including the ALC
> > circuit & metering?
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Not a problem for me.I was fully expecting to see a large increase in
> > the power level on the external meter. If it's showing 100w with Car and
> > Pwr at full I'm getting short on ideas. I don't have to tell you what it
> > should be doing so all I can say it doesn't make any sense.
> > >
> > > Have you monitored the 13.8 inside the radio while trying the test? Also
> > look at the -6 supply. Something is strange....
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@>
> > wrote:
> > > >
> > > > Hi Clif. First of all thanks for helping me with this issue. I have
> > no shame and am to be the test subject showing my ignorance for all to see
> > in order to publicly document and explain this ALC phenomenon.
> > > >
> > > > Back to business, I got my external wattmeter back today (a KW AT-230)
> > and it shows the exact same behavior as I previously posted except that now
> > the readings are about 10W higher at peak. 100W out at the wattmeter and
> > 90W out at the internal bar-graph display. That and the range of
> > full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W
> > before.

> > > >
> > > > Darren
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Please, I asked for an external meter reading?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@>
> > wrote:
> > > > > >
> > > > > > Same. With PWR and CAR cranked all the way full, 90W shows on the
> > internal meter & ALC is just past the red ALC zone. When PWR is reduced and
> > CAR left at full, ALC increases until pegging full scale when power is down
> > to between 25W-40W. Just like on SSB.
> > > > > >
> > > > > > However, when PWR is left at full and the CAR is reduced instead,
> > the ALC action seems more normal: as CAR is reduced, ALC starts dropping
> > first and drops all the way to nothing right as the power meter finally
> > starts to begin dropping from 90W. This point where ALC just reaches zero
> > but the meter still reads 90W is at about 1 o'clock on the CAR control. 5
> > o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from
> > just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the
> > power smoothly drop from 90W to nothing with the ALC staying at zero.
> > > > > >
> > > > > > Both power and ALC meter action is very smooth, there is no
> > erratic jumping around with either indication as I move the controls.
> > > > > >
> > > > > > Darren
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > Ok, I want to know the power in CW mode with power and carrier
> > to the max.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream"
> > <darren.ream@> wrote:
> > > > > > > >
> > > > > > > > Clif, I'll have to get back to you next week when I get my
> > wattmeter back that I loaned out to a friend. I have no less than 3
> > wattmeters and they are all spread to the four winds right now. If it
> > helps, into a dummy load on 20m, output shows one bar less than 100W, so
> > that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk
> > on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I
> > typically see around 25W-40W watts on peaks. Since the meter is peak
> > reading, this means I'm running pretty conservatively, which is pretty much
> > my philosophy with everything.

> > > > > > > >
> > > > > > > > > Thanks,
> > > > > > > > > Darren
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@>
> > wrote:
> > > > > > > > > >
> > > > > > > > > > What is the max power out on 20m into a dummy load measured
> > on an external wattmeter?
> > > > > > > > > >
> > > > > > > > > > Clif
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream"
> > <darren.ream@> wrote:
> > > > > > > > > > >
> > > > > > > > > > > I read all the previous posts I could find on ALC
> > (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize
> > this. It doesn't seem to be the DC-DC board problem since PWR remains
> > steady.
> > > > > > > > > > >
> > > > > > > > > > > Help me understand the theory here. I have two TS-850's
> > and they both do the same thing: ALC action (deflection) is greatest with
> > the RF power control set at 10 o'clock, or about 25W with a steady tone.
> > As I increase PWR, power output goes up all the way to 100W as expected,
> > but ALC deflection goes down. At max mic gain the ALC meter reading only
> > barely registers a couple dots. I crank the power back to the 10 o'clock
> > setting and the ALC comes back up and shows full deflection with the steady
> > tone and on voice peaks.
> > > > > > > > > > >
> > > > > > > > > > > This is true on all bands, into the antenna, or into a
> > dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine
> > injected, as I increase PWR, the ALC smoothly decreases in inverse
> > proportion.
> > > > > > > > > > >
> > > > > > > > > > > The problem is that it makes mic gain adjustment via the
> > ALC impossible. Even with the mic gain all the way full at 5 o'clock and
> > clearly overdriving, I barely see any ALC deflection. So at normal full
> > PWR output, I simply rely on the power meter and reduce mic gain until I am
> > only seeing about 75% of max AVG power, like I would on a rig without an
> > ALC meter. I don't distort, get good audio reports, so I don't worry about
> > it in normal operation.
> > > > > > > > > > >
> > > > > > > > > > > But I know I am missing something here theory-wise, and if
> > I understood what was going on, I'm sure I could be a better operator.
> > > > > > > > > > >
> > > > > > > > > > > So I guess my question is, help me understand why ALC
> > deflection goes down to practically nothing at full PWR even with mic gain
> > cranked all the way up. And why it goes up to max deflection when PWR is
> > cranked back to 10 o'clock.
> > > > > > > > > > >

> > > > > > > > > > Love this board and its members...so many mysteries solved
> > by just a simple search through the archives!
> > > > > > > > > >
> > > > > > > > > > > Thanks,
> > > > > > > > > > > Darren
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > ------------------------------------
> > > > > >
> > > > > THANKS FOR USING TS-850_450_690@...! Groups Links
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >

[Non-text portions of this message have been removed]

10959. Gas filled tube on the TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-30 08:24:41 UTC
From: pauldebono@rocketmail.com
Topic: 10959 Message: 10959

Hi all.
All the best for 2012 to all.

If two gas filled tubes happen to be either in parallel or in series in a circuit, what will be the effect ? Reduced or increased trigger voltage, effect of the circuit impedance etc etc . Typical example is when you have a tube up at the antenna end and another one at the rx front end input of the TS850 !.

10960. RE: [TS-850_450_690] Gas filled tube on the TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-30 13:25:40 UTC
From: condor@cox.net
Topic: 10959 Message: 10960

In parallel, the lowest rated tube will trigger. In series, the trigger voltage will be the sum of both tubes - no change in the feed line impedance with either setup, since they are not part of the circut until they trigger.

Paul - K2BK

On Fri, Dec 30, 2011 at 3:24 AM, pauldebono@... wrote:

Hi all.
All the best for 2012 to all.

If two gas filled tubes happen to be either in parallel or in series in a circuit, what will be the effect ? Reduced or increased trigger voltage, effect of the circuit impedance etc etc . Typical example is when you have a tube up at the antenna end and another one at the rx front end input of the TS850 !.

10961. Re: Gas filled tube on the TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-30 17:44:45 UTC
From: avvidclif
Topic: 10959 Message: 10961

Doesn't count as there are components between the 2. They have to be connected together.

FWIW the 850 only has one at the ant jack.

Clif

--- In TS-850_450_690@yahoogroups.com, "pauldebono@..." <pawlud@...> wrote:
>
> Hi all.
> All the best for 2012 to all.
>
> If two gas filled tubes happen to be either in parallel or in series in a circuit, what will be the effect ? Reduced or increased trigger voltage, effect of the circuit impedance etc etc . Typical example is when you have a tube up at the antenna end and another one at the rx front end input of the TS850 !.
>

10962. Happy New Year 2012 to the list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-30 18:44:27 UTC
From: Don
Topic: 10962 Message: 10962

Happy New Year 2012 to the list

GA, just wanted to wish all list members and their families a very Happy New Year 2012!
Hope to see some of you on the bands in 2012.

Don KB9UMT
http://www.30mdg.net (30 Meter Digital Group)

10963. TS-850SAT - a few questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-31 13:01:21 UTC
From: KG0WX
Topic: 10963 Message: 10963

My S/N equals March '94, 3rd unit produced so I've got a fairly new model. It has two problems:

The tuner won't stop tuning until it gets a 1.2:1 swr - I'd like to adjust it so it is not so finicky. A 1.5:1 swr is fine by me.

The rx is acting like a 20db pad is in place but which fault is to blame? I would think it's the Q49 issue because according to the Kenwood service bulletin my unit should have the D31 mod already done. (Service Bulletin no. 1006 (22 January 1993)).

Which side of the RF unit is D31 on? Could my unit have this problem or did Kenwood address the issue in my unit, therefore it HAS to be Q49? How do I adjust the internal tuner?

Ken

10964. RE: [TS-850_450_690] TS-850SAT - a few questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-31 16:50:11 UTC
From: Dave Gmail
Topic: 10963 Message: 10964

When mine did that it was actually resistors r1 and r2 that I replaced to solve the problem q49 was for noise on rx (noisy transistor), I may have the blow up still if I can find it, this was Also on the backside of the board

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of KG0WX
Sent: December-31-11 8:01 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850SAT - a few questions

My S/N equals March '94, 3rd unit produced so I've got a fairly new model. It has two problems:

The tuner won't stop tuning until it gets a 1.2:1 swr - I'd like to adjust it so it is not so finicky. A 1.5:1 swr is fine by me.

The rx is acting like a 20db pad is in place but which fault is to blame? I would think it's the Q49 issue because according to the Kenwood service bulletin my unit should have the D31 mod already done. (Service Bulletin no. 1006 (22 January 1993)).

Which side of the RF unit is D31 on? Could my unit have this problem or did Kenwood address the issue in my unit, therefore it HAS to be Q49? How do I adjust the internal tuner?

Ken

THANKS FOR USING TS-850_450_690@...! Groups Links

10965. Re: TS-850SAT - a few questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2011-12-31 23:15:34 UTC
From: avvidclif
Topic: 10963 Message: 10965

The radio wants 1.2:1 at 1.5 it's starting to fold back.

Q49 is a 20db pad for the front end switched on in TX. It can be noisy but if shorted, down 20dB.

If D31 is bad there is zero rx as it kills the RXB.

If the ATT resistors are open they only affect it when the ATT is selected.

Clif

--- In TS-850_450_690@yahoogroups.com, "KG0WX" <kg0wx@...> wrote:
>
> My S/N equals March '94, 3rd unit produced so I've got a fairly new
> model. It has two problems:
>
> The tuner won't stop tuning until it gets a 1.2:1 swr - I'd like to
> adjust it so it is not so finicky. A 1.5:1 swr is fine by me.
>
> The rx is acting like a 20db pad is in place but which fault is to
> blame? I would think it's the Q49 issue because according to the
> Kenwood service bulletin my unit should have the D31 mod already done.
> (Service Bulletin no. 1006 (22 January 1993)).
>
> Which side of the RF unit is D31 on? Could my unit have this problem
> or did Kenwood address the issue in my unit, therefore it HAS to be
> Q49? How do I adjust the internal tuner?
>
> Ken
>

10966. TS850 cooling fan

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-01 12:07:16 UTC
From: pauldebono@rocketmail.com
Topic: 10966 Message: 10966

I normally use my TS850 at no more than 50 watts output. I have't heard the coolin fan running for ages. Is this normal ? How can I test the fan and the sensor ??

10967. Re: Strange to listen to the crackling TS850 - AGC is not good?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-01 10:53:54 UTC
From: ninorusso1959
Topic: 10894 Message: 10967

I thank both Dave (on the technical side) and Jose (for the photos sent me by e-mail) ... q49 problem is solved! But I still have not solved the problem of AGC.
Slow is strange position as if in fast. I checked the entire AGC circuit of the time and it seems OK (capacitors and resistors ok), I checked the chip AGC drive and it's OK, I checked the voltage at TP1 and it's OK, what did I miss ?????
Have any of you had this problem?

regards Nino

--- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@...> wrote:
>
> Thanks Dave.
> I found the dealership here in Italy which provides the Kenwood TS850 parts, and days I will send the transistor.
> I'll let you know ....
> I miss just a few pictures of the exact position of the RF transistors on the board. I saw that in some past discussion, someone said to have the photos ... I will try to contact him.
> Thanks again and the next.
>
> Nino
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > Kenwood has the part dtc124ek
> >
> > www.kenwoodparts.com
> >
> > not sure if there is any substitute, or whether mouser, etc carry it.
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of ninorusso1959
> > Sent: December-09-11 4:14 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 - AGC
> > is not good?
> >
> > Thanks Dave .... I had not tried one of the posts.
> > Can I also put a transistor equivalent? and if yes .. which one?
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > >
> > > Check on q49 on the rf?? Board.... there have been discussions on this
> > > before.

> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com
> > [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of ninorusso1959
> > > Sent: December-09-11 1:07 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] Re: Strange to listen to the crackling TS850 -
> > AGC
> > > is not good?
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "ninorusso1959" <antoninrus@>
> > > wrote:
> > > >
> > > > I recently bought a TS850S second hand and I noticed that you hear when
> > > listening to a crackling sound heard. If I reduce the rx the crackling
> > > disappears, I noticed that when I turn the NOTCH filter the crackling
> > > disappears but then I get the popping especially strong signals around the
> > > band. so I'm curious if there is a problem with the AGC on this radio or
> > on
> > > the audio portion.
> > > > I also noticed that the AGC SLOW position is like in FAST.
> > > > TS850 I was wondering if other users have experienced this problem or
> > have
> > > any advice for me. I am anxious to get rid of it because it makes the band
> > > sound louder than they really are.
> > > >
> > > > Sincerely, Nino
> > > >
> > > I should add that I noticed adjusting the TUNE knob to low values
> > > of the crackling disappears completely
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links

> >
>

10968. Re: TS-850SAT - a few questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-01 17:17:49 UTC
From: Galen Barnaby
Topic: 10963 Message: 10968

I also replaced the resisters on the attenuator circuits for this problem. The increased in resistance.

[Non-text portions of this message have been removed]

10969. Re: TS-850SAT - a few questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-01 17:24:43 UTC
From: avvidclif
Topic: 10963 Message: 10969

If the ATT is set to 0 the resistors are bypassed by the relays and out of the circuit.

CLif

--- In TS-850_450_690@yahoogroups.com, Galen Barnaby <ny1t@...> wrote:
>
> I also replaced the resisters on the attenuator circuits for this problem. The increased in resistance.
>
>
> [Non-text portions of this message have been removed]
>

10970. RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-01 22:32:57 UTC
From: Tom Rohrs
Topic: 10940 Message: 10970

There appears to no longer be any output from the "IF Output" jack on my TS-850.

Short of sending it to Clif for repair, is there anything I can check?

73

Tom, KF5HHF

[Non-text portions of this message have been removed]

10971. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 14:49:25 UTC
From: MD
Topic: 10940 Message: 10971

The jack may have come unsoldered from the board. I had that happen to one of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com, "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>
> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>
> [Non-text portions of this message have been removed]
>

10972. RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 15:58:20 UTC
From: Tom Rohrs
Topic: 10940 Message: 10972

Thanks, Marty!

I'll check it out.

-Tom-

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of MD
Sent: Monday, January 02, 2012 8:49 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down.
Why?

The jack may have come unsoldered from the board. I had that happen to one
of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>
> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

10973. RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 18:02:46 UTC
From: Tom Rohrs
Topic: 10940 Message: 10973

Nope. RCA jack is firmly soldered to board.

Any other ideas? Anyone?

73

Tom

KF5HHF

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Rohrs
Sent: Monday, January 02, 2012 9:58 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Thanks, Marty!

I'll check it out.

-Tom-

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of MD
Sent: Monday, January 02, 2012 8:49 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down.
Why?

The jack may have come unsoldered from the board. I had that happen to one
of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com> , "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>

> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10974. Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 18:12:42 UTC
From: Jordan
Topic: 10940 Message: 10974

Tom....Are you sure the IF output cable is connected to the IF section, and not to the low level Tx output for use with a xvrtr..?

73...Jordan VE6ZT

----- Original Message -----
From: Tom Rohrs
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 02, 2012 11:02 AM
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Nope. RCA jack is firmly soldered to board.

Any other ideas? Anyone?

73

Tom

KF5HHF

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Rohrs
Sent: Monday, January 02, 2012 9:58 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Thanks, Marty!

I'll check it out.

-Tom-

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of MD
Sent: Monday, January 02, 2012 8:49 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

The jack may have come unsoldered from the board. I had that happen to one of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com> , "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>
> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10975. problem with the AGC TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 18:05:51 UTC
From: ninorusso1959
Topic: 10975 Message: 10975

I have a problem with the AGC TS850SAT.
The AGC SLOW position is wrong, it's as if he were in fast.
I checked the entire AGC circuit of the time and it seems OK (capacitors and resistors ok),
I checked the drive control chip AGC and that's fine, I checked the voltage at TP1 and
that's okay, what am I missing?? ?
Have any of you had this problem?

Nino

10976. RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 20:35:14 UTC
From: Tom Rohrs
Topic: 10940 Message: 10976

I was using the IF out to a SDR-IQ until a few days ago when it stopped working. I don't have a scope to know absolutely for sure the IF Output is dead, but I've checked out the cabling and the SDR and they work fine connected to an antenna.

73, Tom, KF5HHF

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jordan
Sent: Monday, January 02, 2012 12:13 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Tom....Are you sure the IF output cable is connected to the IF section, and not to the low level Tx output for use with a xvrtr..?

73...Jordan VE6ZT

----- Original Message -----
From: Tom Rohrs
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Monday, January 02, 2012 11:02 AM
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Nope. RCA jack is firmly soldered to board.

Any other ideas? Anyone?

73

Tom

KF5HHF

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Tom Rohrs
Sent: Monday, January 02, 2012 9:58 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Thanks, Marty!

I'll check it out.

-Tom-

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of MD
Sent: Monday, January 02, 2012 8:49 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down.
Why?

The jack may have come unsoldered from the board. I had that happen to one
of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com> , "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>
> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10977. Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-02 21:20:52 UTC
From: Jordan
Topic: 10940 Message: 10977

Ok Tom....
It was just a thought....The IF output ckt is pretty simple....Good luck.....Jordan..

----- Original Message -----
From: Tom Rohrs
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 02, 2012 1:35 PM
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

I was using the IF out to a SDR-IQ until a few days ago when it stopped
working. I don't have a scope to know absolutely for sure the IF Output
is dead, but I've checked out the cabling and the SDR and they work fine
connected to an antenna.

73, Tom, KF5HHF

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jordan
Sent: Monday, January 02, 2012 12:13 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Tom....Are you sure the IF output cable is connected to the IF section, and
not to the low level Tx output for use with a xvrtr..?

73...Jordan VE6ZT

----- Original Message -----
From: Tom Rohrs
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Monday, January 02, 2012 11:02 AM
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Nope. RCA jack is firmly soldered to board.

Any other ideas? Anyone?

73

Tom

KF5HHF

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Tom Rohrs
Sent: Monday, January 02, 2012 9:58 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Thanks, Marty!

I'll check it out.

-Tom-

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of MD
Sent: Monday, January 02, 2012 8:49 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

The jack may have come unsoldered from the board. I had that happen to one of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com> , "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>
> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>

> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10978. RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 00:53:48 UTC
From: Tom Rohrs
Topic: 10940 Message: 10978

Thanks, Jordan.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Jordan
Sent: Monday, January 02, 2012 3:21 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Ok Tom....
It was just a thought....The IF output ckt is pretty simple....Good
luck.....Jordan..

----- Original Message -----
From: Tom Rohrs
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Sent: Monday, January 02, 2012 1:35 PM
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

I was using the IF out to a SDR-IQ until a few days ago when it stopped
working. I don't have a scope to know absolutely for sure the IF Output
is dead, but I've checked out the cabling and the SDR and they work fine
connected to an antenna.

73, Tom, KF5HHF

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Jordan
Sent: Monday, January 02, 2012 12:13 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: Re: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Tom....Are you sure the IF output cable is connected to the IF section, and
not to the low level Tx output for use with a xvrtr..?

73...Jordan VE6ZT

----- Original Message -----
From: Tom Rohrs

To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>

Sent: Monday, January 02, 2012 11:02 AM
Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Nope. RCA jack is firmly soldered to board.

Any other ideas? Anyone?

73

Tom

KF5HHF

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Tom Rohrs
Sent: Monday, January 02, 2012 9:58 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>

Subject: RE: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes
down. Why?

Thanks, Marty!

I'll check it out.

-Tom-

From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of MD
Sent: Monday, January 02, 2012 8:49 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Re: TS-850: power goes up, ALC action goes down.
Why?

The jack may have come unsoldered from the board. I had that happen to one
of mine once. It's a very simple repair.

Marty
N5KBP

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com>
<mailto:TS-850_450_690%40yahoogroups.com> , "Tom Rohrs" <tgrohrs@...> wrote:
>
> There appears to no longer be any output from the "IF Output" jack on my
> TS-850.
>
> Short of sending it to Clif for repair, is there anything I can check?
>
> 73
>
> Tom, KF5HHF
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10979. Re: TS-850: power goes up, ALC action goes down. Why?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 03:49:19 UTC
From: w8nf
Topic: 10940 Message: 10979

This is normal behavior.

The "PWR" control is in fact, setting the ALC's target power output. Therefore, in order for the ALC circuit to REDUCE power, it has to INCREASE ALC action.

In carrier-based modes (AM, FM, CW), you're supposed to reduce the CAR control until you get very little ALC action at your chosen power level. This avoids keyclicks, overshoots and various other distortions.

The PWR control is almost unnecessary...for CW, leave it cranked all the way up and use the CAR control to adjust power output. For SSB, use the MIC GAIN control to control power out. Your neighbors on the bands will thank you.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@...> wrote:
>
> Power out on other bands is a little higher: 160, 80, & 40, it is 120W out, 12 & 10, it is 115W or so. But on 20, 17, & 15, it's about 105W. Don't know if this makes any difference. ALC action is the same on all bands. I get 13.8V inside the radio (where the power in connects to the board).
>
> Also, just noticed my crappy ol' dummy load has a 2:1 SWR. Maybe this is making a difference? I am ordering a new dummy load today.
>
> Perhaps I might just not worry about it then. It does not affect operation, the radio puts out good audio & full power when I want it, and runs great with the mic gain set at 9-10 o'clock, how I generally run all my other Kenwoods. Funny I can't get it to overdrive even with the mic gain cranked all the way open...still get good audio reports and sounds fine through the monitor. This is with my Heil, tonight when I get home from work I'm going to see if I can get it to overdrive with the stock hand mic.
>
> My other 850 is stored away and now that I think of it, I did not notice this issue until I started using this 850, so I think now it is just with this radio. Perhaps it just needs a good alignment including the ALC circuit & metering?
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Not a problem for me.I was fully expecting to see a large increase in the power level on the external meter. If it's showing 100w with Car and Pwr at full I'm getting short on ideas. I don't have to tell you what it should be doing so all I can say it doesn't make any sense.
> >

> > Have you monitored the 13.8 inside the radio while trying the test? Also look at the -6 supply. Something is strange....
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > >
> > > Hi Clif. First of all thanks for helping me with this issue. I have no shame and am to be the test subject showing my ignorance for all to see in order to publicly document and explain this ALC phenomenon.
> > >
> > > Back to business, I got my external wattmeter back today (a KW AT-230) and it shows the exact same behavior as I previously posted except that now the readings are about 10W higher at peak. 100W out at the wattmeter and 90W out at the internal bar-graph display. That and the range of full-scale pegged ALC indication is now 25W-60W as compared to 25W-40W before.
> > >
> > > Darren
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Please, I asked for an external meter reading?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > >
> > > > > Same. With PWR and CAR cranked all the way full, 90W shows on the internal meter & ALC is just past the red ALC zone. When PWR is reduced and CAR left at full, ALC increases until pegging full scale when power is down to between 25W-40W. Just like on SSB.
> > > > >
> > > > > However, when PWR is left at full and the CAR is reduced instead, the ALC action seems more normal: as CAR is reduced, ALC starts dropping first and drops all the way to nothing right as the power meter finally starts to begin dropping from 90W. This point where ALC just reaches zero but the meter still reads 90W is at about 1 o'clock on the CAR control. 5 o'clock to 1 o'clock on the CAR control sees the ALC smoothly drop from just past the ALC red zone to nothing. 1 o'clock to 9 o'clock sees the power smoothly drop from 90W to nothing with the ALC staying at zero.
> > > > >
> > > > > Both power and ALC meter action is very smooth, there is no erratic jumping around with either indication as I move the controls.
> > > > >
> > > > > Darren
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > Ok, I want to know the power in CW mode with power and carrier to the max.
> > > > > >
> > > > > > Clif
> > > > > >

> > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > > > >
> > > > > > > Clif, I'll have to get back to you next week when I get my wattmeter back that I loaned out to a friend. I have no less than 3 wattmeters and they are all spread to the four winds right now. If it helps, into a dummy load on 20m, output shows one bar less than 100W, so that would be 90W I guess. This is with a steady 1.4kHz tone. When I talk on SSB, with the mic gain adjusted how I usually run it (10 o'clock) I typically see around 25W-40W watts on peaks. Since the meter is peak reading, this means I'm running pretty conservatively, which is pretty much my philosophy with everything.
> > > > > > >
> > > > > > > Thanks,
> > > > > > > Darren
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > What is the max power out on 20m into a dummy load measured on an external wattmeter?
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "darren.ream" <darren.ream@> wrote:
> > > > > > >
> > > > > > > I read all the previous posts I could find on ALC (including Clif's "ALC 101"..hi, hi..), and I still can't conceptualize this. It doesn't seem to be the DC-DC board problem since PWR remains steady.
> > > > > > >
> > > > > > > Help me understand the theory here. I have two TS-850's and they both do the same thing: ALC action (deflection) is greatest with the RF power control set at 10 o'clock, or about 25W with a steady tone. As I increase PWR, power output goes up all the way to 100W as expected, but ALC deflection goes down. At max mic gain the ALC meter reading only barely registers a couple dots. I crank the power back to the 10 o'clock setting and the ALC comes back up and shows full deflection with the steady tone and on voice peaks.
> > > > > > >
> > > > > > > This is true on all bands, into the antenna, or into a dummy load. ALC or PWR does not fluctuate. Even with a steady 1kHz tine injected, as I increase PWR, the ALC smoothly decreases in inverse proportion.
> > > > > > >
> > > > > > > The problem is that it makes mic gain adjustment via the ALC impossible. Even with the mic gain all the way full at 5 o'clock and clearly overdriving, I barely see any ALC deflection. So at normal full PWR output, I simply rely on the power meter and reduce mic gain until I am only seeing about 75% of max AVG power, like I would on a rig without an ALC meter. I don't distort, get good audio reports, so I don't worry about it in normal operation.
> > > > > > >
> > > > > > > But I know I am missing something here theory-wise, and if I understood what was going on, I'm sure I could be a better operator.
> > > > > > >
> > > > > > > So I guess my question is, help me understand why ALC deflection goes down to practically nothing at full PWR even with mic gain cranked all the way up. And why

it goes up to max deflection when PWR is cranked back to 10 o'clock.
> > > > > > > > >
> > > > > > > > > > Love this board and its members...so many mysteries solved by just a simple search through the archives!
> > > > > > > > > >
> > > > > > > > > > > Thanks,
> > > > > > > > > > > Darren
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
>

10980. Re: No IF OUT1 Signal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 09:23:55 UTC
From: bswadener
Topic: 10940 Message: 10980

Hi Tom,

The "IF OUT1" signal is very low... only a few mV. It comes off the "NB Mixer", which taps the signal path ahead of the roofing filter (that's why you can see more than about +/- 20 KHz). 73.05 MHz 1st IF signal is mixed with 64.22 MHz LO to produce 8.83 MHz that goes to the noise blanker and IF OUT1 jack. If the noise blanker isn't working, the problem isn't a bad jack.

On the RF Unit (X44-3120-00), page 121 in the service manual, signal is tapped between L59 & L60 and coupled thru C134 (5pF) to emitter follower Q14 (2SC2714Y). Q15 (3SK1331M) mixes it down to 8.83 and outputs it through L64, C150, and L65 to connectors CN26 and CN7. One of these connectors feeds the "IF OUT1" jack.

I use my TS-850 with a Heathkit SB-620 'Scanalyzer' (and a whole bunch of gain). I'll wait for someone to ask how that can _possibly_ work. ;)

vy 73,
Bryan WA7PRC

--- Tom KF5HHF wrote:
>
> Nope. RCA jack is firmly soldered to board.
>
> Any other ideas? Anyone?
>
> 73
> Tom
>
> KF5HHF

10981. RE: [TS-850_450_690] Re: No IF OUT1 Signal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 12:27:56 UTC
From: condor@cox.net
Topic: 10940 Message: 10981

"I'll wait for someone to ask how that can _possibly_ work. ;)"

OK, I'll bite... OH Golly, How can that work ;)))

On Tue, Jan 3, 2012 at 4:23 AM, bswadener wrote:

Hi Tom,

The "IF OUT1" signal is very low... only a few mV. It comes off the "NB Mixer", which taps the signal path ahead of the roofing filter (that's why you can see more than about +/- 20 KHz). 73.05 MHz 1st IF signal is mixed with 64.22 MHz LO to produce 8.83 MHz that goes to the noise blanker and IF OUT1 jack. If the noise blanker isn't working, the problem isn't a bad jack.

On the RF Unit (X44-3120-00), page 121 in the service manual, signal is tapped between L59 & L60 and coupled thru C134 (5pF) to emitter follower Q14 (2SC2714Y). Q15 (3SK1331M) mixes it down to 8.83 and outputs it through L64, C150, and L65 to connectors CN26 and CN7. One of these connectors feeds the "IF OUT1" jack.

I use my TS-850 with a Heathkit SB-620 'Scanalyzer' (and a whole bunch of gain). I'll wait for someone to ask how that can _possibly_ work. ;)

vy 73,
Bryan WA7PRC

--- Tom KF5HHF wrote:
>
> Nope. RCA jack is firmly soldered to board.
> Any other ideas? Anyone?
> 73 Tom
> KF5HHF

[Non-text portions of this message have been removed]

10982. ts 850 went deaf no Transmit and UL Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 05:34:07 UTC
From: Keon Hayes
Topic: 10982 Message: 10982

Everyone has posted good stuff here, bad for the radio but good info to help someone else so I will post my horror story so it may help someone else.

My ts 850 went deaf no Transmit and UL Issues all of a sudden. It was working one minute and the next it wasnt. Here is what I discovered -

ONE BIG Problem i caught of the top after looking at pictures and reading ever single 850 post I could find is with the electrolytic capacitors on the carrier oscillator board. They leaked Everywhere!!! ... and because they leaked on the DDS chips, I am assuming it caused the radio to go deaf, and refuse to transmit AND cause the UL code to be sent. IF YOU HAVE OLD CAPS witht he BLUE across em, CHANGE EM, THEY WILL LEAK!!!!!

I took a cleaning cloth and the tip of a paint brush and cleaned off the black nasty electrolyte they leaked. The first cleaning got the audio back and it would TX, but the audio was totally off freq sounding. I cleaned them some more and got that gook off the DDS chips and i finally got the rig hearing on freq and working as it should.

The good thing is the caps didn't corrode the PCB board which is good but I am sure they are starting to loose capacitance and the board is going to eventually fail for good. All of em are set to be replaced. Originally based on the serial number of the radio I had 6631 DDS chips. Kenwood replaced them with 66312 chips some years ago I know, however the caps are are now leaking on the connections so I am hoping they will be OK.

As of right now as I pen this email I am on the AIR!!! actually putting RF out and everything shows good. I have so many good compliments on my audio and she looks good. I know this will not be the same ending for other but at least you have a start. Clif is getting my rig in the next few days but if you dont want to change the caps. get a spare card ... You;ll need it.

Keon KE3HAY

[Non-text portions of this message have been removed]

10983. TS-850 SAT Opening Transmitter for expanded 40m in IARU Region 1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 15:37:58 UTC
From: Jim
Topic: 10983 Message: 10983

Friends

I own and operate a UK [IARU Region 1] TS-850. I have not undertaken the "clip diode D11" modification due to concerns that this would greatly increase the risk of operating out-of-band. I earlier queried the group if there were a way to convert a IARU Reg1 model 850 into a IARU Reg2 [US] model thereby gaining transmission coverage for 7.1 to 7.2 mhz with limited risk of not-permitted transmission. At that time, I was not able to identify a solution.

My research has now led me to information that this form of conversion is possible. Basically the rig has a set of four diode locations, D8, D9, D10 & D12, which determine each unit's basic operating parameters including TX frequencies for amateur radio coverage.

An IARU Reg1/UK rig should only have diodes D8 and D9 in place. Removing them will make the rig think it's an IARU Reg2 i.e. US version. Its TX coverage on 20 metres and above would remain identical ☐ 160m/Top Band will expand fractionally to include 1.80-2.00MHz, 80 metres will expand to 3.5-4.0MHz and 40 metres will expand to 7.0-7.3MHz. The risk of out-of-band operation in IARU Reg1 remains, but slightly mitigated to exposure in a limited range.

This is an alternative approach to cutting D11 in order to achieve full General Coverage TX across the MF and HF capabilities of the TS-850. And the D11 mod will allow 60m band transmission if that is desired.

Hope this may be of interest to the Group.
Best regards for 2012
Jim
M0YGW/k9ygw

10984. RE: [TS-850_450_690] TS-850 SAT Opening Transmitter for expanded 40m in IARU Region 1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-03 20:26:04 UTC
From: Dave Gmail
Topic: 10983 Message: 10984

Just curious, you made no mention of 60 meters, does that mean clipping d11 is the only way to have that band for transmit? Not that is legal in Canada (yet)

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Jim
Sent: January-03-12 10:38 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 SAT Opening Transmitter for expanded 40m in IARU Region 1

Friends

I own and operate a UK [IARU Region 1] TS-850. I have not undertaken the "clip diode D11" modification due to concerns that this would greatly increase the risk of operating out-of-band. I earlier queried the group if there were a way to convert a IARU Reg1 model 850 into a IARU Reg2 [US] model thereby gaining transmission coverage for 7.1 to 7.2 mhz with limited risk of not-permitted transmission. At that time, I was not able to identify a solution.

My research has now led me to information that this form of conversion is possible. Basically the rig has a set of four diode locations, D8, D9, D10 & D12, which determine each unit's basic operating parameters including TX frequencies for amateur radio coverage.

An IARU Reg1/UK rig should only have diodes D8 and D9 in place. Removing them will make the rig think it's an IARU Reg2 i.e. US version. Its TX coverage on 20 metres and above would remain identical - 160m/Top Band will expand fractionally to include 1.80-2.00MHz, 80 metres will expand to 3.5-4.0MHz and 40 metres will expand to 7.0-7.3MHz. The risk of out-of-band operation in IARU Reg1 remains, but slightly mitigated to exposure in a limited range.

This is an alternative approach to cutting D11 in order to achieve full General Coverage TX across the MF and HF capabilities of the TS-850. And the D11 mod will allow 60m band transmission if that is desired.

Hope this may be of interest to the Group.
Best regards for 2012
Jim
M0YGW/k9ygw

THANKS FOR USING TS-850_450_690@...! Groups Links

10985. KMIJ Kenwood Remote Control for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 00:41:35 UTC
From: Geo
Topic: 10985 Message: 10985

has or is there anyone that has heard or is using this program? I have the interface if-232c hooked up to my laptop with vista. When using hrd at more times than not it locks up and dumps the program and reboots.
thanks in advance I hope
George
ve3gcg

10986. Re: No IF OUT1 Signal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 09:21:23 UTC
From: bswadener
Topic: 10940 Message: 10986

The input amplifier of the SB620 can be switched to operate as a mixer. Only the output of this stage is tuned (3.395 MHz). Then, all you need to make it work with 8.830 MHz is 3.395 + 8.830 = 12.225 MHz. A heterodyne oscillator at/near 12.225 MHz is needed.

I had some olde 2m crystals available. I selected one marked "146.76T Icom", which has a fundamental frequency of 146.76 / 12 = 12.230 MHz. This was close enough, requiring only a /slight/ adjustment of the sweep oscillator in the SB620. I built the oscillator dead-bug style and plugged it into the back of the SB-620.

At the time, I was using a TS-120S (and then TS-130S). There's no IF output but I provided one, with a lightly coupled 2N2222 buffer amplifier for some 16 dB gain. To use the SB620 with the TS850, I needed a bunch more gain. Just over 40dB gain using some MMIC amplifiers was barely enough. I have a design ready, using a couple of Analog Devices AD603 wideband/low noise VCAs.

It's not LP Pan but, it's stand-alone, and works.

vy 73,
Bryan WA7PRC

--- K2BK wrote:
>
>
> "I'll wait for someone to ask how that can _possibly_ work. ;)"
>
> OK, I'll bite... OH Golly, How can that work ;)))
>
> On Tue, Jan 3, 2012 at 4:23 AM, bswadener wrote:
>
> Hi Tom,
>
> The "IF OUT1" signal is very low... only a few mV. It comes off the "NB
> Mixer", which taps the signal path ahead of the roofing filter (that's
> why you can see more than about +/- 20 KHz). 73.05 MHz 1st IF signal is
> mixed with 64.22 MHz LO to produce 8.83 MHz that goes to the noise
> blanker and IF OUT1 jack. If the noise blanker isn't working, the
> problem isn't a bad jack.
>
> On the RF Unit (X44-3120-00), page 121 in the service manual, signal is
> tapped between L59 & L60 and coupled thru C134 (5pF) to emitter follower
> Q14 (2SC2714Y). Q15 (3SK1331M) mixes it down to 8.83 and outputs it
> through L64, C150, and L65 to connectors CN26 and CN7. One of these
> connectors feeds the "IF OUT1" jack.
>
> I use my TS-850 with a Heathkit SB-620 'Scanalyzer' (and a whole bunch
> of gain). I'll wait for someone to ask how that can _possibly_ work. ;)

>
> vy 73,
> Bryan WA7PRC

10987. Re: TS-850 SAT Opening Transmitter for expanded 40m in IARU Region 1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 14:33:36 UTC
From: Jim
Topic: 10983 Message: 10987

Dave,

I did mention the same in the very last paragraph. Just a small recap.

The rig was designed before 60m was a Ham Band. Therefore, 60m was not included in the hard coding for amateur band transmission in any version. Performing the D8-9 mod on an IARU Reg 1 rig [or presumably any other factory set up, for that matter] will not allow access to 60m.

If you want 60m, the D11 mod is the only way to it and this blows the rig wide open, so to speak. Just what I did not want.

Cheers
Jim
M0YGW/k9ygw

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:

Just curious, you made no mention of 60 meters, does that mean clipping d11
is the only way to have that band for transmit? Not that is legal in
Canada (yet)
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Jim
> Sent: January-03-12 10:38 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 SAT Opening Transmitter for expanded 40m in > IARU
Region 1
>
> Friends
>
"snip"
>
> This is an alternative approach to cutting D11 in order to achieve full General Coverage TX across the MF and HF capabilities of the TS-850. And the D11 mod will allow 60m band transmission if that is desired.
>
> Hope this may be of interest to the Group.
> Best regards for 2012
> Jim
> M0YGW/k9ygw
>
>

>
>
>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

10988. Re: KMIJ Kenwood Remote Control for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 04:44:07 UTC
From: NIGEL FENTON
Topic: 10985 Message: 10988

The lockup and reboot is probably due to the USB - RS232 converter driver software... sorry to say! I have the same problem with my TS450sat. Im looking into replacing the drivers.

Nigel - W2/G0JKN

[Non-text portions of this message have been removed]

10989. TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 14:03:12 UTC
From: Kurt Cathcart
Topic: 3179 Message: 10989

I just picked up a DSP-100 and I'm having a few problems that maybe you all can help me out with.

The unit came to me reeking of cigarettes so I'm inclined to think that this may be part of my problems.

1. The audio seems to drop out at times. If I power cycle the unit is seems to fix the problem most of the time. Sometimes if I hit the receive button this might correct the problem also. Re-seating the RCA cables seems to be more reliable. Maybe I need to clean the connectors of cigarette residue?

2. The filter switches don't seem to make any difference. I suspect the 6 pin cable to the TS-850. The cable that I have is labeled a crossover cable. I checked it out and pins 2,3 and 4,5 are indeed crossed over. Looking at the TS-850 manual it looks like the crossover cable is used for connecting two radios together. Would this be the correct cable for just connecting one radio?

3. Do I lose CAT capability with the DSP-100 hooked up? If not, how to I cable the computer to the radio/DSP?

-Kurt
KR2C

10990. Re: KMIJ Kenwood Remote Control for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 14:51:22 UTC
From: John Faughn
Topic: 10985 Message: 10990

I got the 232 as part of my package , so just tagging along to see if .
I may use in the future , hope to see some replies as to using also .
John
KD0CAC
73

[Non-text portions of this message have been removed]

10991. Re: [TS-850_450_690] ts 850 went deaf no Transmit and UL Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 15:08:13 UTC
From: John Faughn
Topic: 10982 Message: 10991

Keon ,
And to anyone else .
I would suggest that if you have any of these leaky caps , you should not even have the rig plugged in , let alone use it .
My reasoning is that the leaky caps will eat away at the traces and also make electrical connections where you do not want them and possibly killing the " non-replaceable " DDS chips .
If you can not for what ever reason get these caps replaced , putting power to the radio will accelerate the leaking .
Once the leaking creates a electrical path to any number of places it shouldn't be , you run a very high chance of having a parts rig .
I got my rig from an estate just in time , got home saw that all the caps on the CAR board were leaking and I replaced all , now I am on the look out for a second TS-850 , because I really like this radio and all the good audio reports .
John
KD0CAC
73

On Mon, Jan 2, 2012 at 11:34 PM, Keon Hayes <ke3hay@gmail.com> wrote:

> **
>
>
> Everyone has posted good stuff here, bad for the radio but good info to
> help someone else so I will post my horror story so it may help someone
> else.
>
> My ts 850 went deaf no Transmit and UL Issues all of a sudden. It was
> working one minute and the next it wasnt. Here is what I discovered -
>
> ONE BIG Problem i caught of the top after looking at pictures and reading
> ever single 850 post I could find is with the electrolytic capacitors on
> the carrier oscillator board. They leaked Everywhere!!! ... and because
> they leaked on the DDS chips, I am assuming it caused the radio to go deaf,
> and refuse to transmit AND cause the UL code to be sent. IF YOU HAVE OLD
> CAPS witht he BLUE across em, CHANGE EM, THEY WILL LEAK!!!!!
>
> I took a cleaning cloth and the tip of a paint brush and cleaned off the
> black nasty electrolyte they leaked. The first cleaning got the audio back
> and it would TX, but the audio was totally off freq sounding. I cleaned
> them some more and got that gook off the DDS chips and i finally got the
> rig hearing on freq and working as it should.
>
> The good thing is the caps didn't corrode the PCB board which is good but I

> am sure they are starting to loose capacitance and the board is going to
> eventually fail for good. All of em are set to be replaced. Originally
> based on the serial number of the radio I had 6631 DDS chips. Kenwood
> replaced them with 66312 chips some years ago I know, however the caps are
> are now leaking on the connections so I am hoping they will be OK.
>
> As of right now as I pen this email I am on the AIR!!! actually putting RF
> out and everything shows good. I have so many good compliments on my audio
> and she looks good. I know this will not be the same ending for other but
> at least you have a start. Clif is getting my rig in the next few days but
> if you dont want to change the caps. get a spare card ... You;ll need it.
>
> Keon KE3HAY
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

10992. Re: TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 15:54:55 UTC
From: Joop!
Topic: 3179 Message: 10992

Hi Kurt and all others to the group.
First of all a superb 2012 for everyone!

I had a DSP-100 too, and one of the problems was the main connectors on the print had to be re-soldered within months.
It is a very bad solution from Kenwood for having the connectors directly mount on the pcb.
Second, the audio cables with the cinch connectors have to be crossed! (the left one on the rig leads to the right one on the dsp-100)
I also had to re-solder the 13-pin cables because of some wire-breaking. (I bought mine second hand too, and think the formerly-owner did put the unit firmly backwards against the wall or something).

I did use a homemade cat controller by some italian design, and it never did work after the dsp-100 was connected, so the dsp went in a box.
Probably because of putting the dsp 100 in series, the TTL signal drops below 5 volts and isn?t recognised by the cat controller anymore.
Maybe with the original Kenwood controller it will work ok....

As far as I know the 13-lead cable (at least one I?m sure of!) was labelled as crossed.

All the things you have written sounds very familiar to me, and I did solve them all (except the cat-thing) by adjusting the switches and knobs on the DSP.
I hope this was a little bit of help.

73, Joop Schalkwijk / PD2JAM

10993. Re: [TS-850_450_690] ts 850 went deaf no Transmit and UL Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 16:48:25 UTC
From: Keon Hayes
Topic: 10982 Message: 10993

John its offline and in the process of ordering new caps. The guy that sold it to me feels bad because he did not know that there is leaking but it's a situation where he just didn't know. I knew the risk when I bought it in the radio is an absolutely perfect condition with the exception of the leak in caps. A few years ago probably about 7 or 8 he had the dds chips replace buy kenwood so why the rascals didn't just go ahead and replace to caps I don't know. I'm hopin that I got to the situation in time, the radiohead been setting not in operation for over 2 years so it appears that after I wiped out all gook it started to work so I'm hoping that is just a matter of cleaning the car bored really really good and replacing those caps and I should be good to go. The fact that I was able to hear real audio on the lsb and it sounded like people actually talking is a good start.

Also I hear that a lot of people are saying just replace the 1 or 2 that start to leak and I think that that is the dumbest idea in the world, replace them all!
On Jan 4, 2012 10:26 AM, "John Faughn" <john.faughn@...> wrote:

> **
>
>
> Keon ,
> And to anyone else .
> I would suggest that if you have any of these leaky caps , you should not
> even have the rig plugged in , let alone use it .
> My reasoning is that the leaky caps will eat away at the traces and also
> make electrical connections where you do not want them and possibly killing
> the " non-replaceable " DDS chips .
> If you can not for what ever reason get these caps replaced , putting power
> to the radio will accelerate the leaking .
> Once the leaking creates a electrical path to any number of places it
> shouldn't be , you run a very high chance of having a parts rig .
> I got my rig from an estate just in time , got home saw that all the caps
> on the CAR board were leaking and I replaced all , now I am on the look out
> for a second TS-850 , because I really like this radio and all the good
> audio reports .
> John
> KD0CAC
> 73
>
> On Mon, Jan 2, 2012 at 11:34 PM, Keon Hayes <ke3hay@...> wrote:
>
> > **
> > >
> > >

> > Everyone has posted good stuff here, bad for the radio but good info to
> > help someone else so I will post my horror story so it may help someone
> > else.
> >
> > My ts 850 went deaf no Transmit and UL Issues all of a sudden. It was
> > working one minute and the next it wasnt. Here is what I discovered -
> >
> > ONE BIG Problem i caught of the top after looking at pictures and reading
> > ever single 850 post I could find is with the electrolytic capacitors on
> > the carrier oscillator board. They leaked Everywhere!!! ... and because
> > they leaked on the DDS chips, I am assuming it caused the radio to go
> deaf,
> > and refuse to transmit AND cause the UL code to be sent. IF YOU HAVE OLD
> > CAPS witht he BLUE across em, CHANGE EM, THEY WILL LEAK!!!!!
> >
> > I took a cleaning cloth and the tip of a paint brush and cleaned off the
> > black nasty electrolyte they leaked. The first cleaning got the audio
> back
> > and it would TX, but the audio was totally off freq sounding. I cleaned
> > them some more and got that gook off the DDS chips and i finally got the
> > rig hearing on freq and working as it should.
> >
> > The good thing is the caps didn't corrode the PCB board which is good
> but I
> > am sure they are starting to loose capacitance and the board is going to
> > eventually fail for good. All of em are set to be replaced. Originally
> > based on the serial number of the radio I had 6631 DDS chips. Kenwood
> > replaced them with 66312 chips some years ago I know, however the caps
> are
> > are now leaking on the connections so I am hoping they will be OK.
> >
> > As of right now as I pen this email I am on the AIR!!! actually putting
> RF
> > out and everything shows good. I have so many good compliments on my
> audio
> > and she looks good. I know this will not be the same ending for other but
> > at least you have a start. Clif is getting my rig in the next few days
> but
> > if you dont want to change the caps. get a spare card ... You;ll need it.
> >
> > Keon KE3HAY
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

10994. Re: [TS-850_450_690] ts 850 went deaf no Transmit and UL Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 17:49:01 UTC
From: John Faughn
Topic: 10982 Message: 10994

I am not point pointing this just at you , this is a mail reflector with many reading , so its to all that want to save there rig .
The cleaning is much more involved then you mention , wiping off the surface .
The corrosive chemicals get under the coating on the board , wiping off the surface does not remove all the corrosive chemicals .
The protective coating over the trace needs to be removed and then the corrosive needs to be neutralized , then recoated , then replace the caps , the recoating needs to be there before recapping .
I have some pictures of fixing my rig , the problem being I use my Iphone and the pictures are as good as I would haved liked and then was in a hurry and did not get pictures of the finished repair .
John
KD0CAC
73

[Non-text portions of this message have been removed]

10995. Re: [TS-850_450_690] ts 850 went deaf no Transmit and UL Issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 18:34:30 UTC
From: Bob Macklin
Topic: 10982 Message: 10995

WHAT ARE WE TALKING ABOUT?

All the PCBs I have had from commercial PCB manufacturers have had this done before they were coated.

I'm a retired EE with 40+ years in the electronic manufacturing industry.

Stripping the coating of the PCBs is not a smart thing to do. It will just lead to more problems.

Don't use ACID CORE solder when you make repairs. Don't use the new EVIORMENTALLY FRIENDLY solder. Use good rosin core solder. Clean the joint with either acetone or lacquer thinner. Fingernail polish remover will also work.

If you want you can coat the new joint with clear fingernail polish.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: John Faughn
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 04, 2012 9:49 AM
Subject: Re: [TS-850_450_690] ts 850 went deaf no Transmit and UL Issues

I am not point pointing this just at you , this is a mail reflector with
many reading , so its to all that want to save there rig .
The cleaning is much more involved then you mention , wiping off the
surface .
The corrosive chemicals get under the coating on the board , wiping off the
surface does not remove all the corrosive chemicals .
The protective coating over the trace needs to be removed and then the
corrosive needs to be neutralized , then recoated , then replace the caps ,
the recoating needs to be there before recapping .
I have some pictures of fixing my rig , the problem being I use my Iphone
and the pictures are as good as I would haved liked and then was in a hurry
and did not get pictures of the finished repair .
John
KD0CAC
73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

10996. RE: [TS-850_450_690] KMIJ Kenwood Remote Control for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-04 20:24:42 UTC
From: Dave Gmail
Topic: 10985 Message: 10996

I was using kmij occasionally, but not sure if windsow 7 would allow it to work.. did you install in program files folder or root of c???

In the meantime I will check mine again against the usb to serial adapter I am using.

Just check software is NOT compatable with 64 bit wind 7

NEVER had an issue with HRD, even on win 7...

Again try installing in root of c, there is no user control there

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Geo
Sent: January-03-12 7:42 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] KMIJ Kenwood Remote Control for TS-850

has or is there anyone that has heard or is using this program? I have the interface if-232c hooked up to my laptop with vista. When using hrd at more times than not it locks up and dumps the program and reboots.
thanks in advance I hope
George
ve3gcg

THANKS FOR USING TS-850_450_690@...! Groups Links

10997. TS-850/Lightening Rod aquired

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-05 03:05:12 UTC
From: Geoff Reid
Topic: 10997 Message: 10997

I couldn't pass up on a TS-850 that was struck by lightening.
Looking for some decent leads on where to start.
Everything still powers up, all controls at least seem to function.
RX is all but almost dead, only the strongest of signals can be heard.
TX also appears to be dead, ptt does swtich it over and current draw does pick up However its not much.

Is there a typical list of things that I should start with?

Thanks in advance.

10998. Re: [TS-850_450_690] TS-850/Lightening Rod aquired

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-05 04:52:00 UTC
From: Bob Macklin
Topic: 10997 Message: 10998

See if there are some protection diodes in the antenna circuit. Is there an autotuner. If so bypass it.

Find the receiver's RF amplifier. connect an antenna directly to it.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Geoff Reid
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 04, 2012 7:05 PM
Subject: [TS-850_450_690] TS-850/Lightening Rod aquired

I couldn't pass up on a TS-850 that was struck by lightening.
Looking for some decent leads on where to start.
Everything still powers up, all controls at least seem to function.
RX is all but almost dead, only the strongest of signals can be heard.
TX also appears to be dead, ptt does swtich it over and current draw does pick up However its not much.

Is there a typical list of things that I should start with?

Thanks in advance.

[Non-text portions of this message have been removed]

10999. Re: TS-850/Lightening Rod aquired

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-05 14:51:58 UTC
From: birchardvilleobservatory
Topic: 10997 Message: 10999

Start at the antenna and inspect visually. The picture on the home page for this group is of the gas discharge tube used as a protective device which specifically is intended to help protect these radios against excessive power coming back into the antenna connector. It (the gas discharge tube in the picture) has been blown. The radio will work with it out of the circuit, but if shorted or leaking, it will greatly reduce receive sensitivity and also can short circuit the output from the transmit side.

Maybe this helps.

The electronic technician approach might be to start at the back end, and use a signal injector to ensure that audio, then if, mixers, then rf stages work as intended.

Start by looking at that gas discharge tube and the stuff right around it physically and electrically.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Geoff Reid" <greidy@...> wrote:
>
> I couldn't pass up on a TS-850 that was struck by lightening.
> Looking for some decent leads on where to start.
> Everything still powers up, all controls at least seem to function.
> RX is all but almost dead, only the strongest of signals can be heard.
> TX also appears to be dead, ptt does swtich it over and current draw does pick up However its not much.
>
> Is there a typical list of things that I should start with?
>
> Thanks in advance.
>

11000. Re: TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-05 19:40:57 UTC
From: Kurt Cathcart
Topic: 3179 Message: 11000

--- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@...> wrote:
>
> I just picked up a DSP-100 and I'm having a few problems that maybe you all can help me out with.
>
> The unit came to me reeking of cigarettes so I'm inclined to think that this may be part of my problems.
>
> 1. The audio seems to drop out at times. If I power cycle the unit is seems to fix the problem most of the time. Sometimes if I hit the receive button this might correct the problem also. Re-seating the RCA cables seems to be more reliable. Maybe I need to clean the connectors of cigarette residue?
>
> 2. The filter switches don't seem to make any difference. I suspect the 6 pin cable to the TS-850. The cable that I have is labeled a crossover cable. I checked it out and pins 2,3 and 4,5 are indeed crossed over. Looking at the TS-850 manual it looks like the crossover cable is used for connecting two radios together. Would this be the correct cable for just connecting one radio?
>
> 3. Do I lose CAT capability with the DSP-100 hooked up? If not, how to I cable the computer to the radio/DSP?
>
> -Kurt
> KR2C
>

Can anybody confirm the pinout for the DIN-6 cable from the TS-850 to the DSP-100 is?

-Kurt
KR2C

11001. Re: [TS-850_450_690] TS-850/Lightening Rod aquired

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-06 00:23:54 UTC
From: Geoff
Topic: 10997 Message: 11001

Thanks everyone will start the diagnoses.
First observation, doesn't smell as bad as the 790 that got hit with it...

On 1/4/2012 11:52 PM, Bob Macklin wrote:
>
> See if there are some protection diodes in the antenna circuit. Is
> there an autotuner. If so bypass it.
>
> Find the receiver's RF amplifier. connect an antenna directly to it.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> From: Geoff Reid
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Wednesday, January 04, 2012 7:05 PM
> Subject: [TS-850_450_690] TS-850/Lightening Rod aquired
>
> I couldn't pass up on a TS-850 that was struck by lightening.
> Looking for some decent leads on where to start.
> Everything still powers up, all controls at least seem to function.
> RX is all but almost dead, only the strongest of signals can be heard.
> TX also appears to be dead, ptt does swtich it over and current draw
> does pick up However its not much.
>
> Is there a typical list of things that I should start with?
>
> Thanks in advance.
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11002. Re: TS-850/Lightening Rod aquired

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-06 01:02:52 UTC
From: Geoff Reid
Topic: 10997 Message: 11002

Bypassed the antenna change over unit took coax from CN6 direct to antenna and reception is back.. inspected visually appears someone switched out the gas tube with some other surge protector? and a few inductors look like they were used as space heating elements..
So took it out and flipped it over.. and it was burnt right through the PCB and left a nice black mark on the chasis.
So will need a new one of those boards.

Now I assume the relay on this board controls the actual TX circuit so the fact I had no real TX could simply be a result of the burnt out hole under the relay,thefore not tripping the finals? Or is it the other way around the realy trips upon detection of the RF out of the finals? sighting I still have further issues?
Thanks

--- In TS-850_450_690@yahoogroups.com, Geoff <greidy@...> wrote:
>
> Thanks everyone will start the diagnoses.
> First observation, doesn't smell as bad as the 790 that got hit with it...
>
>
> On 1/4/2012 11:52 PM, Bob Macklin wrote:
> >
> > See if there are some protection diodes in the antenna circuit. Is
> > there an autotuner. If so bypass it.
> >
> > Find the receiver's RF amplifier. connect an antenna directly to it.
> >
> > Bob Macklin
> > K5MYJ
> > Seattle, Wa.
> > "Real Radios Glow In The Dark"
> >
> > ----- Original Message -----
> > From: Geoff Reid
> > To: TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Wednesday, January 04, 2012 7:05 PM
> > Subject: [TS-850_450_690] TS-850/Lightening Rod aquired
> >
> > I couldn't pass up on a TS-850 that was struck by lightening.
> > Looking for some decent leads on where to start.
> > Everything still powers up, all controls at least seem to function.
> > RX is all but almost dead, only the strongest of signals can be heard.
> > TX also appears to be dead, ptt does swtich it over and current draw
> > does pick up However its not much.
> >

> > Is there a typical list of things that I should start with?
> >
> > Thanks in advance.
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

11003. Re: TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-06 14:33:02 UTC
From: Kurt Cathcart
Topic: 3179 Message: 11003

I have fixed my problems.

One of the RCA connectors was broken off of the PC board.
I had to reset the dip switches.
I had to clean the nicotine out of the connectors and switches.

All seems to work fine now. Thanks for all your help.

-Kurt
KR2C

--- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart" <kurt@> wrote:
> >
> > I just picked up a DSP-100 and I'm having a few problems that maybe you all can help me out with.
> >
> > The unit came to me reeking of cigarettes so I'm inclined to think that this may be part of my problems.
> >
> > 1. The audio seems to drop out at times. If I power cycle the unit is seems to fix the problem most of the time. Sometimes if I hit the receive button this might correct the problem also. Re-seating the RCA cables seems to be more reliable. Maybe I need to clean the connectors of cigarette residue?
> >
> > 2. The filter switches don't seem to make any difference. I suspect the 6 pin cable to the TS-850. The cable that I have is labeled a crossover cable. I checked it out and pins 2,3 and 4,5 are indeed crossed over. Looking at the TS-850 manual it looks like the crossover cable is used for connecting two radios together. Would this be the correct cable for just connecting one radio?
> >
> > 3. Do I lose CAT capability with the DSP-100 hooked up? If not, how to I cable the computer to the radio/DSP?
> >
> > -Kurt
> > KR2C
> >
>
>
> Can anybody confirm the pinout for the DIN-6 cable from the TS-850 to the DSP-100 is?
>
> -Kurt
> KR2C

>

11004. can I convert my adapter old one to new one in the link

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-06 15:50:41 UTC
From: Geo
Topic: 11004 Message: 11004

http://www.jameco.com/Jameco/workshop/JamecoBuilds/arduinoCircuit.html?sp_rid=MjMzNjE1ODcx
MDAS1&sp_mid=3854041

from a prolific to FTDI , can I change drivers to keep my 850 from crashing my vista laptop? or need to get new hardware? when using hrd, now I get crashing, is there a fix? thanks in advance
George

11005. RE: [TS-850_450_690] can I convert my adapter old one to new one in the link

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-07 14:03:40 UTC
From: Dave Gmail
Topic: 11004 Message: 11005

Not sure why you need to convert a prolific adapter. Go to there website and make sure you have the most up-to-date driver for your OS.

Also can you tell why it is crashing. Is it maybe the security on vista stopping it?? I am using windows 7, and have had no problem using a prolific usb device on my 850, BUT I do not have the software installed in program files folders

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Geo
Sent: January-06-12 10:51 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] can I convert my adapter old one to new one in the link

http://www.jameco.com/Jameco/workshop/JamecoBuilds/arduinoCircuit.html?sp_rid=MjMzNjE1ODcxMDAS1&sp_mid=3854041

from a prolific to FTDI , can I change drivers to keep my 850 from crashing my vista laptop? or need to get new hardware? when using hrd, now I get crashing, is there a fix?
thanks in advance
George

THANKS FOR USING TS-850_450_690@...! Groups Links

11006. Re: TS-850/Lightening Rod aquired

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-08 20:36:12 UTC
From: Geoff Reid
Topic: 10997 Message: 11006

Bypassed the antenna change over unit took coax from CN6 direct to antenna and reception is back.. inspected visually appears someone switched out the gas tube with some other surge protector? and a few inductors look like they were used as space heating elements..
So took it out and flipped it over.. and it was burnt right through the PCB and left a nice black mark on the chasis.
So will need a new one of those boards.

Now I assume the relay on this board controls the actual TX circuit so the fact I had no real TX could simply be a result of the burnt out hole under the relay,thefore not tripping the finals? Or is it the other way around the relay trips upon detection of the RF out of the finals? sighting I still have further issues?
Thanks

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> Start at the antenna and inspect visually. The picture on the home page for this group is of the gas discharge tube used as a protective device which specifically is intended to help protect these radios against excessive power coming back into the antenna connector. It (the gas discharge tube in the picture) has been blown. The radio will work with it out of the circuit, but if shorted or leaking, it will greatly reduce receive sensitivity and also can short circuit the output from the transmit side.
>
> Maybe this helps.
>
> The electronic technician approach might be to start at the back end, and use a signal injector to ensure that audio, then if, mixers, then rf stages work as intended.
>
> Start by looking at that gas discharge tube and the stuff right around it physically and electrically.
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "Geoff Reid" <greidy@> wrote:
> >
> > I couldn't pass up on a TS-850 that was struck by lightening.
> > Looking for some decent leads on where to start.
> > Everything still powers up, all controls at least seem to function.
> > RX is all but almost dead, only the strongest of signals can be heard.
> > TX also appears to be dead, ptt does swtich it over and current draw does pick up However its not much.
> >
> > Is there a typical list of things that I should start with?

> >
> > Thanks in advance.
> >
>

11007. Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-11 01:43:44 UTC
From: Ron Polityka
Topic: 11007 Message: 11007

Hello,

I have a problem with my TS-450S ATU.

The Internal ATU will not tune. I took the cover off to see what is going on. When looking from the front of the rig the left gear is oscillating back and forth. Will not stop.

The gear is not slipping and I do have the Channel 31 On in the memory.

The audio does cut out when it tries to tune with the RF.

Thanks in advance for any help.

73
Ron de WB3AAL

11008. Re: Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-11 02:07:04 UTC
From: avvidclif
Topic: 11007 Message: 11008

Look at the cap itself and make sure it's moving, both of them.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron Polityka" <wb3aal@...> wrote:
>
> Hello,
>
> I have a problem with my TS-450S ATU.
>
> The Internal ATU will not tune. I took the cover off to see
> what is going on. When looking from the front of the rig the
> left gear is oscillating back and forth. Will not stop.
>
> The gear is not slipping and I do have the Channel 31 On in
> the memory.
>
> The audio does cut out when it tries to tune with the RF.
>
> Thanks in advance for any help.
>
> 73
> Ron de WB3AAL
>

11009. RE: [TS-850_450_690] Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-11 12:13:10 UTC
From: Rick Hughes
Topic: 11007 Message: 11009

I don't know if this is the same issue I had, but if you do not have the Carrier level high enough the tuner will not tune, but oscillate back and forth as you describe. Once you turn up the carrier level you should find it will tune properly.

I had the same issue with my TS-850 but once I turned up the carrier level the ATU unit worked properly.

Rick Hughes

VE3ATM

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Ron Polityka
Sent: January-10-12 8:44 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood TS-450S Internal ATU Problem

Hello,

I have a problem with my TS-450S ATU.

The Internal ATU will not tune. I took the cover off to see what is going on. When looking from the front of the rig the left gear is oscillating back and forth. Will not stop.

The gear is not slipping and I do have the Channel 31 On in the memory.

The audio does cut out when it tries to tune with the RF.

Thanks in advance for any help.

73
Ron de WB3AAL

[Non-text portions of this message have been removed]

11010. Re: [TS-850_450_690] Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-11 20:22:15 UTC
From: Ron Polityka
Topic: 11007 Message: 11010

Hi Rick,

Thank you for the information.

Unfortunately it does not make any difference where the ALC
is set.

Could be a bad relay.

If anyone had a bad relay, what did you do?

73
Ron de WB3AAL

----- Original Message -----
From: "Rick Hughes" <ve3atm@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, January 11, 2012 7:13 AM
Subject: RE: [TS-850_450_690] Kenwood TS-450S Internal ATU
Problem

>I don't know if this is the same issue I had, but if you do
>not have the
> Carrier level high enough the tuner will not tune, but
> oscillate back and
> forth as you describe. Once you turn up the carrier level
> you should find it
> will tune properly.
>
>
>
> I had the same issue with my TS-850 but once I turned up
> the carrier level
> the ATU unit worked properly.
>
>
>
> Rick Hughes
>
> VE3ATM
>
>
>
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Ron Polityka
> Sent: January-10-12 8:44 PM

> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Kenwood TS-450S Internal ATU
> Problem
>
>
>
>
>
> Hello,
>
> I have a problem with my TS-450S ATU.
>
> The Internal ATU will not tune. I took the cover off to
> see
> what is going on. When looking from the front of the rig
> the
> left gear is oscillating back and forth. Will not stop.
>
> The gear is not slipping and I do have the Channel 31 On
> in
> the memory.
>
> The audio does cut out when it tries to tune with the RF.
>
> Thanks in advance for any help.
>
> 73
> Ron de WB3AAL
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...!
> Groups Links
>
>
>

11011. Re: Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-12 02:29:06 UTC
From: avvidclif
Topic: 11007 Message: 11011

Uh, replace the bad relay. If that is the case it would work on some bands and not on others. What bands does it work on and what not. Into a dummy load, not an antenna.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron Polityka" <wb3aal@...> wrote:
>
> Hi Rick,
>
> Thank you for the information.
>
> Unfortunately it does not make any difference where the ALC
> is set.
>
> Could be a bad relay.
>
> If anyone had a bad relay, what did you do?
>
> 73
> Ron de WB3AAL
>
> ----- Original Message -----
> From: "Rick Hughes" <ve3atm@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, January 11, 2012 7:13 AM
> Subject: RE: [TS-850_450_690] Kenwood TS-450S Internal ATU
> Problem
>
>
> >I don't know if this is the same issue I had, but if you do
> >not have the
> > > Carrier level high enough the tuner will not tune, but
> > > oscillate back and
> > > forth as you describe. Once you turn up the carrier level
> > > you should find it
> > > will tune properly.
> > >
> > >
> > >
> > > I had the same issue with my TS-850 but once I turned up
> > > the carrier level
> > > the ATU unit worked properly.
> > >
> > >
> > >

> > Rick Hughes
> >
> > VE3ATM
> >
> >
> >
> > From: TS-850_450_690@yahoogroups.com
> > [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of Ron Polityka
> > Sent: January-10-12 8:44 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Kenwood TS-450S Internal ATU
> > Problem
> >
> >
> >
> >
> >
> > Hello,
> >
> > I have a problem with my TS-450S ATU.
> >
> > The Internal ATU will not tune. I took the cover off to
> > see
> > what is going on. When looking from the front of the rig
> > the
> > left gear is oscillating back and forth. Will not stop.
> >
> > The gear is not slipping and I do have the Channel 31 On
> > in
> > the memory.
> >
> > The audio does cut out when it tries to tune with the RF.
> >
> > Thanks in advance for any help.
> >
> > 73
> > Ron de WB3AAL
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...!

> > Groups Links
> >
> >
> >
>

11012. Problems .....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-12 02:44:16 UTC
From: gosier@twcny.rr.com
Topic: 11012 Message: 11012

Just got the 450 and was working fine THEN ..... very low power and volume and sending UL UL UL steady with a blank freq display .....

Dosent sound good .....

George , N2JNZ

[Non-text portions of this message have been removed]

11013. Re: [TS-850_450_690] Re: Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-12 10:05:02 UTC
From: Ron Polityka
Topic: 11007 Message: 11013

Hi Clif,

It does the same thing on a dummy load or antenna. Works on
80m and 10m. All other bands it just oscillates.

73
Ron de WB3AAL

----- Original Message -----
From: "avvidclif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, January 11, 2012 9:29 PM
Subject: [TS-850_450_690] Re: Kenwood TS-450S Internal ATU
Problem

> Uh, replace the bad relay. If that is the case it would
> work on some bands and not on others. What bands does it
> work on and what not. Into a dummy load, not an antenna.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Ron Polityka"
> <wb3aal@...> wrote:
>>
>> Hi Rick,
>>
>> Thank you for the information.
>>
>> Unfortunately it does not make any difference where the
>> ALC
>> is set.
>>
>> Could be a bad relay.
>>
>> If anyone had a bad relay, what did you do?
>>
>> 73
>> Ron de WB3AAL
>>
>> ----- Original Message -----
>> From: "Rick Hughes" <ve3atm@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Wednesday, January 11, 2012 7:13 AM
>> Subject: RE: [TS-850_450_690] Kenwood TS-450S Internal
>> ATU
>> Problem

>>
>>
>> >I don't know if this is the same issue I had, but if you
>> >do
>> >not have the
>> > Carrier level high enough the tuner will not tune, but
>> > oscillate back and
>> > forth as you describe. Once you turn up the carrier
>> > level
>> > you should find it
>> > will tune properly.
>> >
>> >
>> >
>> > I had the same issue with my TS-850 but once I turned
>> > up
>> > the carrier level
>> > the ATU unit worked properly.
>> >
>> >
>> >
>> > Rick Hughes
>> >
>> > VE3ATM
>> >
>> >
>> >
>> > From: TS-850_450_690@yahoogroups.com
>> > [mailto:TS-850_450_690@yahoogroups.com]
>> > On Behalf Of Ron Polityka
>> > Sent: January-10-12 8:44 PM
>> > To: TS-850_450_690@yahoogroups.com
>> > Subject: [TS-850_450_690] Kenwood TS-450S Internal ATU
>> > Problem
>> >
>> >
>> >
>> >
>> >
>> > Hello,
>> >
>> > I have a problem with my TS-450S ATU.
>> >
>> > The Internal ATU will not tune. I took the cover off to
>> > see
>> > what is going on. When looking from the front of the
>> > rig
>> > the
>> > left gear is oscillating back and forth. Will not stop.
>> >

>> > The gear is not slipping and I do have the Channel 31
>> > On
>> > in
>> > the memory.
>> >
>> > The audio does cut out when it tries to tune with the
>> > RF.
>> >
>> > Thanks in advance for any help.
>> >
>> > 73
>> > Ron de WB3AAL
>> >
>> >
>> >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...!
>> > Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...!
> Groups Links
>
>
>

11014. Major problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-12 14:14:28 UTC
From: gosier@twcny.rr.com
Topic: 11014 Message: 11014

Just got the 450 and was working fine THEN .... very low power and volume and sending UL UL UL steady with a blank freq display ......
Dosent sound good .... what might be the possible cost to repair ??????????
George , N2JNZ

[Non-text portions of this message have been removed]

11015. Re: Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-12 16:25:23 UTC
From: avvidclif
Topic: 11007 Message: 11015

Did you check and make sure the caps are turning?

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron Polityka" <wb3aal@...> wrote:
>
> Hi Clif,
>
> It does the same thing on a dummy load or antenna. Works on
> 80m and 10m. All other bands it just oscillates.
>
> 73
> Ron de WB3AAL
>
> ----- Original Message -----
> From: "avvidclif" <clif@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, January 11, 2012 9:29 PM
> Subject: [TS-850_450_690] Re: Kenwood TS-450S Internal ATU
> Problem
>
>
> > Uh, replace the bad relay. If that is the case it would
> > work on some bands and not on others. What bands does it
> > work on and what not. Into a dummy load, not an antenna.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Ron Polityka"
> > <wb3aal@> wrote:
> >>
> >> Hi Rick,
> >>
> >> Thank you for the information.
> >>
> >> Unfortunately it does not make any difference where the
> >> ALC
> >> is set.
> >>
> >> Could be a bad relay.
> >>
> >> If anyone had a bad relay, what did you do?
> >>
> >> 73
> >> Ron de WB3AAL

> >>
> >> ----- Original Message -----
> >> From: "Rick Hughes" <ve3atm@>
> >> To: <TS-850_450_690@yahoogroups.com>
> >> Sent: Wednesday, January 11, 2012 7:13 AM
> >> Subject: RE: [TS-850_450_690] Kenwood TS-450S Internal
> >> ATU
> >> Problem
> >>
> >>
> >> >I don't know if this is the same issue I had, but if you
> >> >do
> >> >not have the
> >> > Carrier level high enough the tuner will not tune, but
> >> > oscillate back and
> >> > forth as you describe. Once you turn up the carrier
> >> > level
> >> > you should find it
> >> > will tune properly.
> >> >
> >> >
> >> >
> >> > I had the same issue with my TS-850 but once I turned
> >> > up
> >> > the carrier level
> >> > the ATU unit worked properly.
> >> >
> >> >
> >> >
> >> > Rick Hughes
> >> >
> >> > VE3ATM
> >> >
> >> >
> >> >
> >> > From: TS-850_450_690@yahoogroups.com
> >> > [mailto:TS-850_450_690@...m]
> >> > On Behalf Of Ron Polityka
> >> > Sent: January-10-12 8:44 PM
> >> > To: TS-850_450_690@yahoogroups.com
> >> > Subject: [TS-850_450_690] Kenwood TS-450S Internal ATU
> >> > Problem
> >> >
> >> >
> >> >
> >> >
> >> >
> >> > Hello,
> >> >
> >> > I have a problem with my TS-450S ATU.

> >> >
> >> > The Internal ATU will not tune. I took the cover off to
> >> > see
> >> > what is going on. When looking from the front of the
> >> > rig
> >> > the
> >> > left gear is oscillating back and forth. Will not stop.
> >> >
> >> > The gear is not slipping and I do have the Channel 31
> >> > On
> >> > in
> >> > the memory.
> >> >
> >> > The audio does cut out when it tries to tune with the
> >> > RF.
> >> >
> >> > Thanks in advance for any help.
> >> >
> >> > 73
> >> > Ron de WB3AAL
> >> >
> >> >
> >> >
> >> >
> >> >
> >> > [Non-text portions of this message have been removed]
> >> >
> >> >
> >> >
> >> > ------------------------------------
> >> >
> >> > THANKS FOR USING TS-850_450_690@!
> >> > Groups Links
> >> >
> >> >
> >> >
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...!
> > Groups Links
> >
> >
> >
>

11016. Re: [TS-850_450_690] Major problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-12 16:20:40 UTC
From: Keon Hayes
Topic: 11014 Message: 11016

Caps leaked on CAR board. Cost depends and I understand cause it just
happened to me.

Cost depends on the amount of damage to the board. Talk to Clif from avvid.
Very reasonable to talk to and honest.
On Jan 12, 2012 10:50 AM, <gosier@...> wrote:

> **
>
>
> Just got the 450 and was working fine THEN .... very low power and
> volume and sending UL UL UL steady with a blank freq display ......
> Dosent sound good .... what might be the possible cost to repair
> ???????????
> George , N2JNZ
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11017. Re: [TS-850_450_690] Re: Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-13 00:33:25 UTC
From: Ron Polityka
Topic: 11007 Message: 11017

Hi Clif,

Looking down at the ATU the left cap is tuning but the
right does not move.

73
Ron de WB3AAL

----- Original Message -----
From: "avvidclif" <clif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, January 12, 2012 11:25 AM
Subject: [TS-850_450_690] Re: Kenwood TS-450S Internal ATU
Problem

> Did you check and make sure the caps are turning?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Ron Polityka"
> <wb3aal@...> wrote:
>>
>> Hi Clif,
>>
>> It does the same thing on a dummy load or antenna. Works
>> on
>> 80m and 10m. All other bands it just oscillates.
>>
>> 73
>> Ron de WB3AAL
>>
>> ----- Original Message -----
>> From: "avvidclif" <clif@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Wednesday, January 11, 2012 9:29 PM
>> Subject: [TS-850_450_690] Re: Kenwood TS-450S Internal
>> ATU
>> Problem
>>
>>
>> > Uh, replace the bad relay. If that is the case it would
>> > work on some bands and not on others. What bands does
>> > it
>> > work on and what not. Into a dummy load, not an
>> > antenna.
>> >

>> > Clif
>> >
>> > --- In TS-850_450_690@yahoogroups.com, "Ron Polityka"
>> > <wb3aal@> wrote:
>> >>
>> >> Hi Rick,
>> >>
>> >> Thank you for the information.
>> >>
>> >> Unfortunately it does not make any difference where
>> >> the
>> >> ALC
>> >> is set.
>> >>
>> >> Could be a bad relay.
>> >>
>> >> If anyone had a bad relay, what did you do?
>> >>
>> >> 73
>> >> Ron de WB3AAL
>> >>
>> >> ----- Original Message -----
>> >> From: "Rick Hughes" <ve3atm@>
>> >> To: <TS-850_450_690@yahoogroups.com>
>> >> Sent: Wednesday, January 11, 2012 7:13 AM
>> >> Subject: RE: [TS-850_450_690] Kenwood TS-450S Internal
>> >> ATU
>> >> Problem
>> >>
>> >>
>> >> >I don't know if this is the same issue I had, but if
>> >> >you
>> >> >do
>> >> >not have the
>> >> > Carrier level high enough the tuner will not tune,
>> >> > but
>> >> > oscillate back and
>> >> > forth as you describe. Once you turn up the carrier
>> >> > level
>> >> > you should find it
>> >> > will tune properly.
>> >> >
>> >> >
>> >> >
>> >> > I had the same issue with my TS-850 but once I
>> >> > turned
>> >> > up
>> >> > the carrier level
>> >> > the ATU unit worked properly.
>> >> >

>> >> >
>> >> >
>> >> > Rick Hughes
>> >> >
>> >> > VE3ATM
>> >> >
>> >> >
>> >> >
>> >> > From: TS-850_450_690@yahoogroups.com
>> >> > [mailto:TS-850_450_690@yahoogroups.com]
>> >> > On Behalf Of Ron Polityka
>> >> > Sent: January-10-12 8:44 PM
>> >> > To: TS-850_450_690@yahoogroups.com
>> >> > Subject: [TS-850_450_690] Kenwood TS-450S Internal
>> >> > ATU
>> >> > Problem
>> >> >
>> >> >
>> >> >
>> >> >
>> >> >
>> >> > Hello,
>> >> >
>> >> > I have a problem with my TS-450S ATU.
>> >> >
>> >> > The Internal ATU will not tune. I took the cover off
>> >> > to
>> >> > see
>> >> > what is going on. When looking from the front of the
>> >> > rig
>> >> > the
>> >> > left gear is oscillating back and forth. Will not
>> >> > stop.
>> >> >
>> >> > The gear is not slipping and I do have the Channel
>> >> > 31
>> >> > On
>> >> > in
>> >> > the memory.
>> >> >
>> >> > The audio does cut out when it tries to tune with
>> >> > the
>> >> > RF.
>> >> >
>> >> > Thanks in advance for any help.
>> >> >
>> >> > 73
>> >> > Ron de WB3AAL
>> >> >
>> >> >

>> >> >
>> >> >
>> >> >
>> >> > [Non-text portions of this message have been
>> >> > removed]
>> >> >
>> >> >
>> >> >
>> >> > ------------------------------------
>> >> >
>> >> > THANKS FOR USING TS-850_450_690@!
>> >> > Groups Links
>> >> >
>> >> >
>> >> >
>> >>
>> >
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > THANKS FOR USING TS-850_450_690@...!
>> > Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...!
> Groups Links
>
>
>

11019. Memory Battery ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-17 17:27:14 UTC
From: Joe Cotignola
Topic: 11019 Message: 11019

Hi all...new to the group.
I have an 850s that I have just replaced the memory backup battery on the curcuit board with an external 3V cell in a holder.

In testing the memory channels, I found that even though the battery is now a good 3V, the radio seems not to keep the memories when I turn the radio off.

Anyone run into a similar symptom ?

Thanks in advance
73 Joe WR2B

[Non-text portions of this message have been removed]

11020. Re: Memory Battery ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-17 19:41:25 UTC
From: avvidclif
Topic: 11019 Message: 11020

Last time I saw that the battery was installed backwards.

Clif

--- In TS-850_450_690@yahoogroups.com, "Joe Cotignola" <connjc@...> wrote:
>
> Hi all...new to the group.
> I have an 850s that I have just replaced the memory backup battery on the curcuit board with an external 3V cell in a holder.
>
> In testing the memory channels, I found that even though the battery is now a good 3V, the radio seems not to keep the memories when I turn the radio off.
>
> Anyone run into a similar symptom ?
>
> Thanks in advance
> 73 Joe WR2B
>
>
>
> [Non-text portions of this message have been removed]
>

11021. Re: Memory Battery ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-17 19:49:18 UTC
From: joewr2b
Topic: 11019 Message: 11021

Hi CLif - I was pretty deliberate about the install - looking at the circuit board, the PLUS of the battery goes on the top (1 pin) and the bottom is Negative (2 pins).

Yes ??

Thanks
Joe WR2B

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Last time I saw that the battery was installed backwards.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Joe Cotignola" <connjc@> wrote:
> >
> > Hi all...new to the group.
> > I have an 850s that I have just replaced the memory backup battery on the curcuit board with an external 3V cell in a holder.
> >
> > In testing the memory channels, I found that even though the battery is now a good 3V, the radio seems not to keep the memories when I turn the radio off.
> >
> > Anyone run into a similar symptom ?
> >
> > Thanks in advance
> > 73 Joe WR2B
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11022. Re: Memory Battery ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-17 19:52:58 UTC
From: avvidclif
Topic: 11019 Message: 11022

That's backwards. The single pin is negative.

Clif

--- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@...> wrote:
>
> Hi CLif - I was pretty deliberate about the install - looking at the circuit board, the PLUS of the battery goes on the top (1 pin) and the bottom is Negative (2 pins).
>
> Yes ??
>
> Thanks
> Joe WR2B
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Last time I saw that the battery was installed backwards.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Joe Cotignola" <connjc@> wrote:
> > >
> > > Hi all...new to the group.
> > > I have an 850s that I have just replaced the memory backup battery on the curcuit board with an external 3V cell in a holder.
> > >
> > > In testing the memory channels, I found that even though the battery is now a good 3V, the radio seems not to keep the memories when I turn the radio off.
> > >
> > > Anyone run into a similar symptom ?
> > >
> > > Thanks in advance
> > > 73 Joe WR2B
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

11023. Re: Memory Battery ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-18 14:18:46 UTC
From: joewr2b
Topic: 11019 Message: 11023

Thanks a bunch Clif..that was it. When I opened my 850 I found that there was no battery there at all, I found a repalcement How-To on the web and it said the top(single) pin was positive, so I wired it that way.
Luckily I mounted the coin cell holder on a small board and just turned the battery over so that the polarity is reversed.
All works fine now...

TNX es 73

Joe WR2B

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> That's backwards. The single pin is negative.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@> wrote:
> >
> > Hi CLif - I was pretty deliberate about the install - looking at the circuit board, the PLUS of the battery goes on the top (1 pin) and the bottom is Negative (2 pins).
> >
> > Yes ??
> >
> > Thanks
> > Joe WR2B
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Last time I saw that the battery was installed backwards.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Joe Cotignola" <connjc@> wrote:
> > > >
> > > > Hi all...new to the group.
> > > > I have an 850s that I have just replaced the memory backup battery on the curcuit board with an external 3V cell in a holder.
> > > >
> > > > In testing the memory channels, I found that even though the battery is now a good 3V, the radio seems not to keep the memories when I turn the radio off.
> > > >
> > > > Anyone run into a similar symptom ?
> > > >
> > > > Thanks in advance

> > > > 73 Joe WR2B
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

11024. Re: Memory Battery ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-18 15:19:56 UTC
From: avvidclif
Topic: 11019 Message: 11024

So much for internet info accuracy???? GRIN

Clif

--- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@...> wrote:
>
>
> Thanks a bunch Clif..that was it. When I opened my 850 I found that there was no battery there at all, I found a repalcement How-To on the web and it said the top(single) pin was positive, so I wired it that way.
> Luckily I mounted the coin cell holder on a small board and just turned the battery over so that the polarity is reversed.
> All works fine now...
>
> TNX es 73
>
> Joe WR2B
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > That's backwards. The single pin is negative.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@> wrote:
> > >
> > > Hi CLif - I was pretty deliberate about the install - looking at the circuit board, the PLUS of the battery goes on the top (1 pin) and the bottom is Negative (2 pins).
> > >
> > > Yes ??
> > >
> > > Thanks
> > > Joe WR2B
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Last time I saw that the battery was installed backwards.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Joe Cotignola" <connjc@> wrote:
> > > > >

> > > > > Hi all...new to the group.
> > > > > I have an 850s that I have just replaced the memory backup battery on the curcuit board with an external 3V cell in a holder.
> > > > >
> > > > > In testing the memory channels, I found that even though the battery is now a good 3V, the radio seems not to keep the memories when I turn the radio off.
> > > > >
> > > > > Anyone run into a similar symptom ?
> > > > >
> > > > > Thanks in advance
> > > > > 73 Joe WR2B
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > >
> >
>

11025. 450 in the shop .....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-18 15:27:49 UTC
From: gosier@twcny.rr.com
Topic: 11025 Message: 11025

Sent to Cliff and hopefully no major issues ... Got the radio from a guy and 2 hours later PLL unlock ..... Great radio while it ran ....

73

George Osier , N2JNZ

[Non-text portions of this message have been removed]

11026. Noise

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-20 19:30:50 UTC
From: k7cu
Topic: 11026 Message: 11026

Has anyone used a filter like the SCAF-1, or something similar, to help fight noise?

11027. Noise follow-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-20 19:32:10 UTC
From: k7cu
Topic: 11027 Message: 11027

I should have mentioned that I use a TS-850.

11028. Re: Noise

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-20 21:21:18 UTC
From: birchardvilleobservatory
Topic: 11026 Message: 11028

Have to ask what kind of noise? Impulse, atmospheric, white, adjacent channel, heterodyne, etc?

If it is pulse or impulse type noise, the usual TS-850 noise blanker is not very effective, due to a circuit change from the version in some older Kenwood radios. There is a simple mod on the mods lists which changes the circuit back to the previous design, by removing two capacitors and suddenly it is supposed to work much better. (I have to say that because I live out in the country and have only tried the noise blanker once or twice and I hadn't really needed it then.

Dan
AA3LS
--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone used a filter like the SCAF-1, or something similar, to help fight noise?
>

11029. Re: [TS-850_450_690] Re: Noise

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-20 21:30:05 UTC
From: Bob Macklin
Topic: 11026 Message: 11029

It looks to me that the SCAF-1 is an audio output filter.

I am using a TimeWave ANC-4 Antenna Noise Canceller to get rid of the crap before it gets into the receiver.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: birchardvilleobservatory
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 20, 2012 1:21 PM
Subject: [TS-850_450_690] Re: Noise

Have to ask what kind of noise? Impulse, atmospheric, white, adjacent channel, heterodyne, etc?

If it is pulse or impulse type noise, the usual TS-850 noise blanker is not very effective, due to a circuit change from the version in some older Kenwood radios. There is a simple mod on the mods lists which changes the circuit back to the previous design, by removing two capacitors and suddenly it is supposed to work much better. (I have to say that because I live out in the country and have only tried the noise blanker once or twice and I hadn't really needed it then.

Dan
AA3LS
--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone used a filter like the SCAF-1, or something similar, to help fight noise?
>

[Non-text portions of this message have been removed]

11030. Re: Noise

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-20 21:39:28 UTC
From: w8nf
Topic: 11026 Message: 11030

The audio demo files on Idiom Press's website were made by me, using my TS-850SAT, played through an early version of the SCAF filter. Since that time, a circuit change to the SCAF has reduced the hiss level that it generates.

The SCAF is just a variable lowpass filter. If you have a lot of impulse noise, it won't knock it out, but it can make it somewhat less offensive. I use high-efficiency headphones with my TS-850SAT and find the high frequency hiss objectionable, even if I crank down the "tone" control on the front panel. The SCAF takes care of that hiss.

In fringe cases, the SCAF can act like another set of poles on top of however many poles you have in the two IF stages...but that's a pretty darned fringe case when you'd find that useful.

For impulse noise, the TS-850SAT's built-in noise blanker is a better tool than anything outboard.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "k7cu" <k7cu@...> wrote:
>
> Has anyone used a filter like the SCAF-1, or something similar, to help fight noise?
>

11031. Re: Noise /SCAF-1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-21 15:08:45 UTC
From: Anthony W. DePrato
Topic: 11026 Message: 11031

At 02:30 PM 1/20/2012, you wrote:
>Has anyone used a filter like the SCAF-1, or something similar, to
>help fight noise?
>
>i have a Scaf-1 i just build two months ago have it on a kenwood
>TS950SD. I wanted to be able to switch between it and the Timewave
>DSP599+ so build a switch box with outputs to sound card head
>phones speaker and both the scaf and 599+ the Scaf works great !
>it is adjustable and takes all the brain numbing background junk out
>of the headphones and speaker. well worth the small price i paid for
>it. ssb is great to listen to now also.. money well spent. when i
>finish up my 3rd rotor controller i am going to get two more for
>the 850 and 870. i use timewave dsp filters now on each one but for
>ez of operation the SCAF is a great unit

73 Tony
wa4jqs

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

11032. Using a Heathkit QF-1 Q-Multiplier w/the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-26 02:39:46 UTC
From: Ron
Topic: 11032 Message: 11032

I recently acquired a QF-1 Q-Multiplier for chump-change.

It occurred to me that because the QF-1 operates at 455kc I should be able to substitute it for a DSP-100.
Which rear panel jack(s) will give me access to the 455 I.F.?

Also, down the road I am considering replacing the 12AX7 in the QF-1 with a pair of transistors. Does anyone have any ideas on what transistors would give an equivalent gain?

Curiously,
Ron
WQ6X

11033. Re: Using a Heathkit QF-1 Q-Multiplier w/the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-26 12:51:36 UTC
From: avvidclif
Topic: 11032 Message: 11033

Neither. DSP1 is an input for the TX albeit at 455 kHz. DSP2 is raw audio level out to the DSP.

The DSP100 on the rx side operates at audio frequencies. The Tx side generates SSB and CW and is input at 455 kHz.

Clif

--- In TS-850_450_690@yahoogroups.com, "Ron" <ts450_group@...> wrote:
>
> I recently acquired a QF-1 Q-Multiplier for chump-change.
>
> It occurred to me that because the QF-1 operates at 455kc I should be able to substitute it for a DSP-100.
> Which rear panel jack(s) will give me access to the 455 I.F.?
>
> Also, down the road I am considering replacing the 12AX7 in the QF-1 with a pair of transistors. Does anyone have any ideas on what transistors would give an equivalent gain?
>
> Curiously,
> Ron
> WQ6X
>

11034. W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-26 21:49:25 UTC
From: Gary
Topic: 11034 Message: 11034

Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would appreciate any comments and feedback.

11035. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-26 22:50:51 UTC
From: Keon Hayes
Topic: 11034 Message: 11035

Absolutely love mine. If y ou are looking to use a condenser mic you need
to buy an external phantom power unit but other than that its great!!!

On Thu, Jan 26, 2012 at 4:49 PM, Gary <cobraman097@...> wrote:

> **
>
>
> Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> appreciate any comments and feedback.
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

11036. Re: Using a Heathkit QF-1 Q-Multiplier w/the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 10:15:50 UTC
From: Ron
Topic: 11032 Message: 11036

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Neither. DSP1 is an input for the TX albeit at 455 kHz. DSP2 is raw audio level out to the DSP.
>
> The DSP100 on the rx side operates at audio frequencies. The Tx side generates SSB and CW and is input at 455 kHz.
>
> Clif
Thank You Cliff.
Somehow I thot that the DSP-100 was an IF DSP (on receive).
Guess I was wrong.
In looking at the schematic, I see that you are correct about DSP1 & DSP2. So, that raises the question - where is the best point to tap the IF output for a QF-1 connection?

Curiously,
Ron
WQ6X

11037. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 13:48:21 UTC
From: Dennis
Topic: 11034 Message: 11037

Save your money. Why buy something that is going to make you a poor operator by making your signal wide and splattering fellow hams who are more than 3 kHz away? The 850 has a fine audio with the hand mic. 73 Dennis W8YS

From: Keon Hayes
Sent: Thursday, January 26, 2012 5:50 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Absolutely love mine. If y ou are looking to use a condenser mic you need
to buy an external phantom power unit but other than that its great!!!

On Thu, Jan 26, 2012 at 4:49 PM, Gary <mailto:cobraman097%40yahoo.com> wrote:

> **
>
>
> Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> appreciate any comments and feedback.
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11038. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 15:32:43 UTC
From: Keon Hayes
Topic: 11034 Message: 11038

Dennis ... that's not a fair statement. The EQ doesn't make bad operators ... I'm not a BAD operator and my sign doesn't splatter. However the eq is like a Taylor of fine clothes, it fits you better and you look and feel better. Who doesn't want to taylor your audio for definition, rolling of lows and boosting the range of human voice. Thats perfectly acceptable and helps not splatter. Anytime you wanna hear me let me know and we can meet on the air for a test and you tell me.

Btw the hand mic sucks with men that have real heavy voices. It boosts highs and doesnt roll of any decent lows. This is why I roll off everything under 250Hz.

Keon Ke3Hay
On Jan 27, 2012 10:04 AM, "Dennis" <vzet0bax@...> wrote:

> **
>
>
> Save your money. Why buy something that is going to make you a poor
> operator by making your signal wide and splattering fellow hams who are
> more than 3 kHz away? The 850 has a fine audio with the hand mic. 73 Dennis
> W8YS
>
> From: Keon Hayes
> Sent: Thursday, January 26, 2012 5:50 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?
>
> Absolutely love mine. If y ou are looking to use a condenser mic you need
> to buy an external phantom power unit but other than that its great!!!
>
> On Thu, Jan 26, 2012 at 4:49 PM, Gary <mailto:cobraman097%40yahoo.com>
> wrote:
>
> > **
> > >
> > >
> > Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> > appreciate any comments and feedback.
> > >
> > >
> > >
> >
> > --
> > Keon, KE3HAY
> > Wanna Hear DX? Buy a TenTec!

>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11039. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 16:04:21 UTC
From: Kurt Cathcart, KR2C
Topic: 11034 Message: 11039

I don't see how an equalizer can broaden your signal. That's done in the transmitter. However the EQ can boost and enhance the low frequencies of a voice that may become more problematic for real close in stations on LSB.

-----Original Message-----
From: "Dennis" <vzet0bax@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 27 Jan 2012 08:48:21
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Save your money. Why buy something that is going to make you a poor operator by making your signal wide and splattering fellow hams who are more than 3 kHz away? The 850 has a fine audio with the hand mic. 73 Dennis W8YS

From: Keon Hayes
Sent: Thursday, January 26, 2012 5:50 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Absolutely love mine. If y ou are looking to use a condenser mic you need
to buy an external phantom power unit but other than that its great!!!

On Thu, Jan 26, 2012 at 4:49 PM, Gary <mailto:cobraman097%40yahoo.com> wrote:

> **
>
>
> Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> appreciate any comments and feedback.
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11040. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 17:54:20 UTC
From: Bob Macklin
Topic: 11034 Message: 11040

It takes high level high frequency energy to broaden a signal.

This can happen if the audio stages are driven into a level where clipping occurs.

A square wave has infinite odd harmonics.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Kurt Cathcart, KR2C
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 27, 2012 8:04 AM
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

I don't see how an equalizer can broaden your signal. That's done in the transmitter. However the EQ can boost and enhance the low frequencies of a voice that may become more problematic for real close in stations on LSB.

-----Original Message-----
From: "Dennis" <vzet0bax@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 27 Jan 2012 08:48:21
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Save your money. Why buy something that is going to make you a poor operator by making your signal wide and splattering fellow hams who are more than 3 kHz away? The 850 has a fine audio with the hand mic. 73 Dennis W8YS

From: Keon Hayes
Sent: Thursday, January 26, 2012 5:50 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Absolutely love mine. If y ou are looking to use a condenser mic you need
to buy an external phantom power unit but other than that its great!!!

On Thu, Jan 26, 2012 at 4:49 PM, Gary <mailto:cobraman097%40yahoo.com> wrote:

> **
>
>
> Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> appreciate any comments and feedback.

>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11041. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 19:09:00 UTC
From: Kurt Cathcart, KR2C
Topic: 11034 Message: 11041

Agreed. But that is a different topic and problem.

-----Original Message-----
From: Bob Macklin <macklinbob@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 27 Jan 2012 09:54:20
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

It takes high level high frequency energy to broaden a signal.

This can happen if the audio stages are driven into a level where clipping occurs.

A square wave has infinite odd harmonics.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Kurt Cathcart, KR2C
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 27, 2012 8:04 AM
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

I don't see how an equalizer can broaden your signal. That's done in the transmitter. However the EQ can boost and enhance the low frequencies of a voice that may become more problematic for real close in stations on LSB.

-----Original Message-----
From: "Dennis" <vzet0bax@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 27 Jan 2012 08:48:21
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Save your money. Why buy something that is going to make you a poor operator by making your signal wide and splattering fellow hams who are more than 3 kHz away? The 850 has a fine audio with the hand mic. 73 Dennis W8YS

From: Keon Hayes
Sent: Thursday, January 26, 2012 5:50 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Absolutely love mine. If y ou are looking to use a condenser mic you need
to buy an external phantom power unit but other than that its great!!!

On Thu, Jan 26, 2012 at 4:49 PM, Gary <mailto:cobraman097%40yahoo.com> wrote:

> **
>
>
> Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> appreciate any comments and feedback.
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11042. Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-27 22:12:25 UTC
From: Keon Hayes
Topic: 11034 Message: 11042

Actually I have seen issues where people have used eq's and on top of it crank the processor up and cause the signal to splatter. Eq By itself has never been a problem.
On Jan 27, 2012 1:46 PM, "Bob Macklin" <macklinbob@msn.com> wrote:

> **
>
>
> It takes high level high frequency energy to broaden a signal.
>
> This can happen if the audio stages are driven into a level where clipping
> occurs.
>
> A square wave has infinite odd harmonics.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
> ----- Original Message -----
> From: Kurt Cathcart, KR2C
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, January 27, 2012 8:04 AM
> Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?
>
> I don't see how an equalizer can broaden your signal. That's done in the
> transmitter. However the EQ can boost and enhance the low frequencies of a
> voice that may become more problematic for real close in stations on LSB.
>
> -----Original Message-----
> From: "Dennis" <vzet0bax@...>
> Sender: TS-850_450_690@yahoogroups.com
> Date: Fri, 27 Jan 2012 08:48:21
> To: <TS-850_450_690@yahoogroups.com>
> Reply-To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?
>
> Save your money. Why buy something that is going to make you a poor
> operator by making your signal wide and splattering fellow hams who are
> more than 3 kHz away? The 850 has a fine audio with the hand mic. 73 Dennis
> W8YS
>
> From: Keon Hayes
> Sent: Thursday, January 26, 2012 5:50 PM
> To: TS-850_450_690@yahoogroups.com

> Subject: Re: [TS-850_450_690] W2IHY 8 BAND EQ AND THE EQ PLUS?
>
> Absolutely love mine. If y ou are looking to use a condenser mic you need
> to buy an external phantom power unit but other than that its great!!!
>
> On Thu, Jan 26, 2012 at 4:49 PM, Gary <mailto:cobraman097%40yahoo.com>
> wrote:
>
> > **
> > >
> > >
> > > Anyone use the W2IHY 8 band eq and EQ Plus with your 850? I would
> > > appreciate any comments and feedback.
> > >
> > >
> > >
> >
> > --
> > Keon, KE3HAY
> > Wanna Hear DX? Buy a TenTec!
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

[Non-text portions of this message have been removed]

11043. Re: KMIJ Kenwood Remote Control for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-28 17:29:38 UTC
From: ve3mij
Topic: 10985 Message: 11043

I've never tried it on 64 bit windows, but it works on all the others...

Just getting back in the hobby and dragged out KMIJ to see how it does on Win 7 and it works fine. The version posted on here is the latest. Development stopped when my daughter was born, 16 years ago!

If you run in to a problem with it loading, then delete the .ini file as it will write a new one if it sees none.

The program was written in Visual Basic version 1, originally, which had no support for com ports, so I had to figure out how to call those functions, like a C program would. Good thing, as it allows it to function, 20 years later.

I would not be surprised if it doesn't run in Win64. I am surprised that it still runs in Windows at all!

If it's crashing, it's something else crashing it. If everything is running fine, it runs fine.

I noticed LPB2 will crash it if I pull up the S-Meter. Otherwise it works fine with that and I run it along with PowerSDR IF through LPB2 and it's all good.

--- In TS-850_450_690@yahoogroups.com, "Geo" <geo.gard@...> wrote:
>
> has or is there anyone that has heard or is using this program? I have the interface if-232c hooked up to my laptop with vista. When using hrd at more times than not it locks up and dumps the program and reboots.
> thanks in advance I hope
> George
> ve3gcg
>

11044. Re: KMIJ Kenwood Remote Control for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-30 01:44:13 UTC
From: Geo
Topic: 10985 Message: 11044

what are the options using the kmij? and if it makes the 850 receive and perform nicer, i certainly would like to use it since hrd freezes my laptop. thanks if i can see where that kmij programme can be dowmloaded

--- In TS-850_450_690@yahoogroups.com, "ve3mij" <mij@...> wrote:
>
> I've never tried it on 64 bit windows, but it works on all the others...
>
> Just getting back in the hobby and dragged out KMIJ to see how it does on Win 7 and it works fine. The version posted on here is the latest. Development stopped when my daughter was born, 16 years ago!
>
> If you run in to a problem with it loading, then delete the .ini file as it will write a new one if it sees none.
>
> The program was written in Visual Basic version 1, originally, which had no support for com ports, so I had to figure out how to call those functions, like a C program would. Good thing, as it allows it to function, 20 years later.
>
> I would not be surprised if it doesn't run in Win64. I am surprised that it still runs in Windows at all!
>
> If it's crashing, it's something else crashing it. If everything is running fine, it runs fine.
>
> I noticed LPB2 will crash it if I pull up the S-Meter. Otherwise it works fine with that and I run it along with PowerSDR IF through LPB2 and it's all good.
>
> --- In TS-850_450_690@yahoogroups.com, "Geo" <geo.gard@> wrote:
> >
> > has or is there anyone that has heard or is using this program? I have the interface if-232c hooked up to my laptop with vista. When using hrd at more times than not it locks up and dumps the program and reboots.
> > thanks in advance I hope
> > George
> > ve3gcg
> >
>

11045. TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-30 05:07:36 UTC
From: bswadener
Topic: 11045 Message: 11045

Hi Folks,

I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.

Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.

I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.

Film at 11:00!

vy 73,
Bryan WA7PRC

11046. problem trx board x59-3680-00

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-01-31 23:49:40 UTC
From: daniel
Topic: 11046 Message: 11046

hello I have a ts-850 to which the card is damage trx x59-3680-00 (2sa1213), replace them with the fmmt723ct, but in a few seconds and there is no rx tx not turn the LED on air, and burns q152 again. any suggestions?

11047. Re: problem trx board x59-3680-00

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-01 02:27:25 UTC
From: avvidclif
Topic: 11046 Message: 11047

Look at C1 on the Car unit, X50-3140, it has leaked and is shorting the TXB line under it.

Clif

--- In TS-850_450_690@yahoogroups.com, "daniel" <yy6kwd@...> wrote:
>
> hello I have a ts-850 to which the card is damage trx x59-3680-00 (2sa1213), replace them with the fmmt723ct, but in a few seconds and there is no rx tx not turn the LED on air, and burns q152 again. any suggestions?
>

11048. Re: [TS-850_450_690] Re: problem trx board x59-3680-00

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-01 13:49:40 UTC
From: Daniel Hernandez
Topic: 11046 Message: 11048

Thanks for the answer the problem is atu unit; now the problem is in rx a few second dead and reception muted any sugestion?
Enviado desde mi BlackBerry de Movistar

-----Original Message-----
From: "avvidclif" <clif@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Wed, 01 Feb 2012 02:27:25
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: problem trx board x59-3680-00

Look at C1 on the Car unit, X50-3140, it has leaked and is shorting the TXB line under it.

Clif

--- In TS-850_450_690@yahoogroups.com, "daniel" <yy6kwd@...> wrote:
>
> hello I have a ts-850 to which the card is damage trx x59-3680-00 (2sa1213), replace them with the fmmt723ct, but in a few seconds and there is no rx tx not turn the LED on air, and burns q152 again. any suggestions?
>

[Non-text portions of this message have been removed]

11049. A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-03 11:21:08 UTC
From: pauldebono@rocketmail.com
Topic: 11049 Message: 11049

I need to fit an external microphone amplifier and compressor to my TS850. Where shall I connect it at the rear ? Do I need to set the software ?

Also, I do not have the DSP100, but I have heard, that I can still improve the audio quality of my transmission by adjusting the 8mhz tx filter to 6 khz. Can I do this, without upsetting the other settings ?

11050. RE: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-03 20:21:45 UTC
From: Dave Gmail
Topic: 11049 Message: 11050

Not sure why, does the included mike gain, and processor no longer work.

I had a vox-4 kenwood accessory for the ts790, and it had processor built in,. It wired into the mike jack, so I assume you could do the same

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of pauldebono@...
Sent: February-03-12 6:21 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] A new mic amp for the TS850 & essb

I need to fit an external microphone amplifier and compressor to my TS850.
Where shall I connect it at the rear ? Do I need to set the software ?

Also, I do not have the DSP100, but I have heard, that I can still improve the audio quality of my transmission by adjusting the 8mhz tx filter to 6 khz. Can I do this, without upsetting the other settings ?

THANKS FOR USING TS-850_450_690@...! Groups Links

11051. RE: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-04 10:01:36 UTC
From: Malti
Topic: 11049 Message: 11051

I am an ex sound engineer, and I am not happy with the ssb I hear on the air ! Unfortunately, manufacturers, homebrewers and authors tend to neglect the audio chain in transcievers.

No I am not happy with the mic & processor of the TS850, it certainly can be improved. The weakest link in the chain is the mic ! You must have a mic with a response, well above the traditional 2.5 or 3Khz bandwidth !

[Non-text portions of this message have been removed]

11052. RE: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-04 14:09:56 UTC
From: condor@cox.net
Topic: 11049 Message: 11052

I am also an ex sound engineer, and I would like to take a moment to remind you that the microphones supplied with 98% of the radios are more than adequate for the job hey need to do.

These are NOT broadcast radios, requiring 20 to 20,000 Khz for music and entertainment - these are communication radios that need to carry the intelligible spectrum of the human voice, in the least bandwidth possible (so there is room for the others on that segment of the band)... that means frequency range of from ~300 to 2,800 Hz - and I have yet to see a microphone that would not meet those specs - the limits on transmitted bandwidth are in the radio itself, and if you remove those filters, you will eat up a huge portion of bandwidth to no avail, because the receivers on the other side of the conversation won't hear your melodious tone, because their receivers cant hear more than ~2,700 to 3,000 Khz.

Paul - K2BK

On Sat, Feb 4, 2012 at 5:01 AM, Malti wrote:

I am an ex sound engineer, and I am not happy with the ssb I hear on
the
air ! Unfortunately, manufacturers, homebrewers and authors tend to
neglect
the audio chain in transcievers.

No I am not happy with the mic & processor of the TS850, it certainly
can
be improved. The weakest link in the chain is the mic ! You must have a
mic
with a response, well above the traditional 2.5 or 3Khz bandwidth !

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11053. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-04 14:36:36 UTC
From: Kurt Cathcart, KR2C
Topic: 11049 Message: 11053

Don't discount how a certain mike would dynamically respond in the 300 - 2800 Hz range. There is a HUGE difference in how mics respond dynamically and this translates to how a mic sounds. Mics with cheaper cartridge's sound cheap even though they work in the same frequency range as the more expensive mics. You must also consider the "tone stack" in the radio. Meaning, how the radio shapes the frequency response once the signal enters the radio from the mic.

-Kurt
KR2C

On 2/4/2012 9:09 AM, condor@... wrote:
>
>
> I am also an ex sound engineer, and I would like to take a moment to
> remind you that the microphones supplied with 98% of the radios are more
> than adequate for the job hey need to do.
>
> These are NOT broadcast radios, requiring 20 to 20,000 Khz for music and
> entertainment - these are communication radios that need to carry the
> intelligible spectrum of the human voice, in the least bandwidth
> possible (so there is room for the others on that segment of the
> band)... that means frequency range of from ~300 to 2,800 Hz - and I
> have yet to see a microphone that would not meet those specs - the
> limits on transmitted bandwidth are in the radio itself, and if you
> remove those filters, you will eat up a huge portion of bandwidth to no
> avail, because the receivers on the other side of the conversation won't
> hear your melodious tone, because their receivers cant hear more than
> ~2,700 to 3,000 Khz.
>
> Paul - K2BK
>
> On Sat, Feb 4, 2012 at 5:01 AM, Malti wrote:
>
> I am an ex sound engineer, and I am not happy with the ssb I hear on
> the
> air ! Unfortunately, manufacturers, homebrewers and authors tend to
> neglect
> the audio chain in transcievers.
>
> No I am not happy with the mic & processor of the TS850, it certainly
> can
> be improved. The weakest link in the chain is the mic ! You must have a
> mic
> with a response, well above the traditional 2.5 or 3Khz bandwidth !

>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11054. RE: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-04 15:49:00 UTC
From: Keon KE3HAY
Topic: 11049 Message: 11054

Kurt you are absolutely 100% correct. You cant get a good response out of a mic that is it not carfully constructed in any freq range. Cheap mics boost areas that are actually detrimental to the sound quality, especially in the 500 to 700Hz range where the sound could actually be rolled off.

This is why Heil charges so much for a mic, because of the time it takes to get that human voice range as clear and solid as possible. I pref to talk on condensers because of that clarity AND flat response so I can taylor my voice with an EQ. Trust me its heard on the other side. You can pick out those who are on cheap mics vs. someone who spent time picking a mic that is right for them. (If you have the ear of course.)

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Kurt Cathcart, KR2C
Sent: Saturday, February 04, 2012 9:37 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Don't discount how a certain mike would dynamically respond in the 300 - 2800 Hz range. There is a HUGE difference in how mics respond dynamically and this translates to how a mic sounds. Mics with cheaper cartridge's sound cheap even though they work in the same frequency range as the more expensive mics. You must also consider the "tone stack" in the radio. Meaning, how the radio shapes the frequency response once the signal enters the radio from the mic.

-Kurt
KR2C

On 2/4/2012 9:09 AM, condor@... <mailto:condor%40cox.net> wrote:
>
>
> I am also an ex sound engineer, and I would like to take a moment to
> remind you that the microphones supplied with 98% of the radios are more
> than adequate for the job hey need to do.
>
> These are NOT broadcast radios, requiring 20 to 20,000 Khz for music and
> entertainment - these are communication radios that need to carry the
> intelligible spectrum of the human voice, in the least bandwidth
> possible (so there is room for the others on that segment of the
> band)... that means frequency range of from ~300 to 2,800 Hz - and I
> have yet to see a microphone that would not meet those specs - the
> limits on transmitted bandwidth are in the radio itself, and if you
> remove those filters, you will eat up a huge portion of bandwidth to no
> avail, because the receivers on the other side of the conversation won't
> hear your melodious tone, because their receivers cant hear more than

> ~2,700 to 3,000 Khz.
>
> Paul - K2BK
>
> On Sat, Feb 4, 2012 at 5:01 AM, Malti wrote:
>
> I am an ex sound engineer, and I am not happy with the ssb I hear on
> the
> air ! Unfortunately, manufacturers, homebrewers and authors tend to
> neglect
> the audio chain in transcievers.
>
> No I am not happy with the mic & processor of the TS850, it certainly
> can
> be improved. The weakest link in the chain is the mic ! You must have a
> mic
> with a response, well above the traditional 2.5 or 3Khz bandwidth !
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2112/4788 - Release Date: 02/04/12

[Non-text portions of this message have been removed]

11055. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-04 17:11:59 UTC
From: Dennis
Topic: 11049 Message: 11055

I agree with Paul. I have heard too much terrible audio on the air. It ends up too wide or with too much bass. Dennis W8YS

From: condor@...
Sent: Saturday, February 04, 2012 9:09 AM
To: ts-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] A new mic amp for the TS850 & essb

I am also an ex sound engineer, and I would like to take a moment to remind you that the microphones supplied with 98% of the radios are more than adequate for the job hey need to do.

These are NOT broadcast radios, requiring 20 to 20,000 Khz for music and entertainment - these are communication radios that need to carry the intelligible spectrum of the human voice, in the least bandwidth possible (so there is room for the others on that segment of the band)... that means frequency range of from ~300 to 2,800 Hz - and I have yet to see a microphone that would not meet those specs - the limits on transmitted bandwidth are in the radio itself, and if you remove those filters, you will eat up a huge portion of bandwidth to no avail, because the receivers on the other side of the conversation won't hear your melodious tone, because their receivers cant hear more than ~2,700 to 3,000 Khz.

Paul - K2BK

On Sat, Feb 4, 2012 at 5:01 AM, Malti wrote:

I am an ex sound engineer, and I am not happy with the ssb I hear on the
air ! Unfortunately, manufacturers, homebrewers and authors tend to neglect
the audio chain in transcievers.

No I am not happy with the mic & processor of the TS850, it certainly can
be improved. The weakest link in the chain is the mic ! You must have a mic
with a response, well above the traditional 2.5 or 3Khz bandwidth !

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11056. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-04 18:40:57 UTC
From: NIGEL FENTON
Topic: 11049 Message: 11056

With the advent of SDR watching the spectrum or RF and audio is a real eye opener! you should see some of the signals and compare what they look like to how they sound especially when you change the recieved audio band width... if you get a chance have a peek

Nigel W2/G0JKN

[Non-text portions of this message have been removed]

11057. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 10:55:58 UTC
From: Malti
Topic: 11049 Message: 11057

Forget the theory for a while! Let?s be practical!

We often hear a pileup trying to work an elusive dx station. You can hear scores of very distorted low frequency voices, with lack of tops !
Out of the blues, comes a rich, well equalized voice, with no compression, no punch, just a clear , understandably almost hi-fi, nearly pro vocal !
And he get an answer from the dx station, even thou, the others were probably an S9 or so !!!!
Why do you think some hams prefer a mic from another? The difference is in the response. So to hell with the theory of 3Khz bandwidth!

Try fitting a professional 30Hz to 20Khz condenser microphone, instead of the so called ssb mics, and you will hear the difference! 3Khz or not, the difference will be there, and very very noticeable, because we are talking in practice not theory !!! If your aim at a final result of 3Khz, then you should start your design for 6Khz or more. to compensate !! If you design for 3Khz, with all the filters, circuit losses etc, you finish up with 2 or even less Khz !!!

The TS850 has a variable IF bandwidth from 12Khz down to 100hz (with optional filter). Today's ham bands are not so crowded, as used to be (except in an annoying contest) so opening the bandwidth is not going to harm anyone. Sometimes, closing the bandwidth causes a peak in the noise! ot to mention the noise caused by the insertion of the carrier to read ssb !

I intend to set up my TS850 with a Neuman, Sennheiser or AKG professional condenser mic, feeding a THAT1570 mic amp chip, with almost unmeasurable distortion and noise. The main problem is how to

[Non-text portions of this message have been removed]

11058. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 17:08:31 UTC
From: condor@cox.net
Topic: 11049 Message: 11058

I was not talking theory - I am talking practical reality - I have been a ham for over 50 years and cracked hundreds and hundreds of pile-ups on very rare countries - (and missed my share too).

Your theory of "Out of the blue, comes a rich, well vocalized voice, with no compression no punch, just a clear , understandably almost hi-fi, nearly pro vocal! And he get an answer from the dx station, even thou, the others were probably an S9 or so !!!!"... it pure unadulterated BS.

It is obvious that you have not spend much time actually working DX in DX pile-ups.

1 - The human voice (particularly the male voice) has most of it's energy in the low end, below 300 cps. If you put the male voice in a spectrum analyzer, you will find that the 100% levels will be determined by the frequencies below 300 cycles - reading up the frequency scale, the higher frequencies that carry information will show peaks in the 8% to 12% levels.

Since the output level of a transmitter is determined by the largest peak, in an unmodified voice, the lowest frequency peaks will set the max output (most likely 100 watts) and the information part of the voice will be at ~8 to ~12 watts. A very poor communications signal.

If you remove the bottom 500 cps, the peak output will now be determined by the frequencies that were 8% to 12% - so you just got a free 8 to 10 db gain in your understandability.

The modern mics that come with our transceivers are well designed - the Kenwood MC-90 puts out a voice signal to 20,0000 cycles that is fairly flat, with 10db low frequency cut-off below 200 cycles- how much higher do you need to go??

While studio mics are "Flat" across the spectrum, because they need to reproduce the voice of every performer so they sound the same in every studio, the communication mic has a different job - it is to get as much understandability as possible, with the limited power available, under the worst atmospheric conditions.

The "Hi Fi" mic fails badly in this roll.

This not "my opinion" it is the result of millions of hours of hams working across vast distances, under the worst conditions possible.

I have used a bunch of mics, including Kenwood MC-60, and MC-90, Yaesu, Icom, and Heil... and currently have a top of the line Heil on a boom.

The very best signal reports I have ever consistently received were from
a D-104 with a crystal head - the base amplifier was removed, and the
mic was feed directly into a TS-940 through a home made 600 ohm "T-pad"
with an adjustable bridge. I have yet to find another mic as good as that.

Paul - K2BK

On 2/5/2012 5:55 AM, Malti wrote:
> Forget the theory for a while! Let?s be practical!
>
> We often hear a pileup trying to work an elusive dx station. You can hear
> scores of very distorted low frequency voices, with lack of tops !
> Out of the blues, comes a rich, well equalized voice, with no compression,
> no punch, just a clear , understandably almost hi-fi, nearly pro vocal !
> And he get an answer from the dx station, even thou, the others were
> probably an S9 or so !!!!
> Why do you think some hams prefer a mic from another? The difference is in
> the response. So to hell with the theory of 3Khz bandwidth!
>
> Try fitting a professional 30Hz to 20Khz condenser microphone, instead of
> the so called ssb mics, and you will hear the difference! 3Khz or not, the
> difference will be there, and very very noticeable, because we are talking
> in practice not theory !!! If your aim at a final result of 3Khz, then
> you should start your design for 6Khz or more. to compensate !! If you
> design for 3Khz, with all the filters, circuit losses etc, you finish up
> with 2 or even less Khz !!!
>
> The TS850 has a variable IF bandwidth from 12Khz down to 100hz (with
> optional filter). Today's ham bands are not so crowded, as used to be
> (except in an annoying contest) so opening the bandwidth is not going to
> harm anyone. Sometimes, closing the bandwidth causes a peak in the noise!
> ot to mention the noise caused by the insertion of the carrier to read ssb !
>
> I intend to set up my TS850 with a Neuman, Sennheiser or AKG professional
> condenser mic, feeding a THAT1570 mic amp chip, with almost unmeasurable
> distortion and noise. The main problem is how to
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

11059. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 18:23:39 UTC
From: condor@cox.net
Topic: 11049 Message: 11059

By the way, Malti...

.. what is your call sign? And how many years have you been "On the
air", as a ham??

Paul - K2BK

On 2/5/2012 5:55 AM, Malti wrote:
> Forget the theory for a while! Let?s be practical!
>
> We often hear a pileup trying to work an elusive dx station. You can hear
> scores of very distorted low frequency voices, with lack of tops !
> Out of the blues, comes a rich, well equalized voice, with no compression,
> no punch, just a clear , understandably almost hi-fi, nearly pro vocal !
> And he get an answer from the dx station, even thou, the others were
> probably an S9 or so !!!!
> Why do you think some hams prefer a mic from another? The difference is in
> the response. So to hell with the theory of 3Khz bandwidth!
>
> Try fitting a professional 30Hz to 20Khz condenser microphone, instead of
> the so called ssb mics, and you will hear the difference! 3Khz or not, the
> difference will be there, and very very noticeable, because we are talking
> in practice not theory !!! If your aim at a final result of 3Khz, then
> you should start your design for 6Khz or more. to compensate !! If you
> design for 3Khz, with all the filters, circuit losses etc, you finish up
> with 2 or even less Khz !!!
>
> The TS850 has a variable IF bandwidth from 12Khz down to 100hz (with
> optional filter). Today's ham bands are not so crowded, as used to be
> (except in an annoying contest) so opening the bandwidth is not going to
> harm anyone. Sometimes, closing the bandwidth causes a peak in the noise!
> ot to mention the noise caused by the insertion of the carrier to read ssb !
>
> I intend to set up my TS850 with a Neuman, Sennheiser or AKG professional
> condenser mic, feeding a THAT1570 mic amp chip, with almost unmeasurable
> distortion and noise. The main problem is how to
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

>

11060. Re: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 18:24:52 UTC
From: Malti
Topic: 11049 Message: 11060

Well stick to your theories, I stick to my practices !

On 5 February 2012 18:08, <condor@...> wrote:

> I was not talking theory - I am talking practical reality - I have been
> a ham for over 50 years and cracked hundreds and hundreds of pile-ups on
> very rare countries - (and missed my share too).
>
> Your theory of "Out of the blue, comes a rich, well vocalized voice,
> with no compression no punch, just a clear , understandably almost
> hi-fi, nearly pro vocal! And he get an answer from the dx station, even
> thou, the others were probably an S9 or so !!!!"... it pure
> unadulterated BS.
>
> It is obvious that you have not spend much time actually working DX in
> DX pile-ups.
>
> 1 - The human voice (particularly the male voice) has most of it's
> energy in the low end, below 300 cps. If you put the male voice in a
> spectrum analyzer, you will find that the 100% levels will be determined
> by the frequencies below 300 cycles - reading up the frequency scale,
> the higher frequencies that carry information will show peaks in the 8%
> to 12% levels.
>
> Since the output level of a transmitter is determined by the largest
> peak, in an unmodified voice, the lowest frequency peaks will set the
> max output (most likely 100 watts) and the information part of the voice
> will be at ~8 to ~12 watts. A very poor communications signal.
>
> If you remove the bottom 500 cps, the peak output will now be determined
> by the frequencies that were 8% to 12% - so you just got a free 8 to 10
> db gain in your understandability.
>
> The modern mics that come with our transceivers are well designed - the
> Kenwood MC-90 puts out a voice signal to 20,0000 cycles that is fairly
> flat, with 10db low frequency cut-off below 200 cycles- how much higher
> do you need to go??
>
> While studio mics are "Flat" across the spectrum, because they need to
> reproduce the voice of every performer so they sound the same in every
> studio, the communication mic has a different job - it is to get as much
> understandability as possible, with the limited power available, under
> the worst atmospheric conditions.
>
> The "Hi Fi" mic fails badly in this roll.

>
> This not "my opinion" it is the result of millions of hours of hams
> working across vast distances, under the worst conditions possible.
>
> I have used a bunch of mics, including Kenwood MC-60, and MC-90, Yaesu,
> Icom, and Heil... and currently have a top of the line Heil on a boom.
>
> The very best signal reports I have ever consistently received were from
> a D-104 with a crystal head - the base amplifier was removed, and the
> mic was feed directly into a TS-940 through a home made 600 ohm "T-pad"
> with an adjustable bridge. I have yet to find another mic as good as that.
>
>
> Paul - K2BK
>
>
>
> On 2/5/2012 5:55 AM, Malti wrote:
> > Forget the theory for a while! Let?s be practical!
> >
> > We often hear a pileup trying to work an elusive dx station. You can hear
> > scores of very distorted low frequency voices, with lack of tops !
> > Out of the blues, comes a rich, well equalized voice, with no
> compression,
> > no punch, just a clear , understandably almost hi-fi, nearly pro vocal !
> > And he get an answer from the dx station, even thou, the others were
> > probably an S9 or so !!!!
> > Why do you think some hams prefer a mic from another? The difference is
> in
> > the response. So to hell with the theory of 3Khz bandwidth!
> >
> > Try fitting a professional 30Hz to 20Khz condenser microphone, instead of
> > the so called ssb mics, and you will hear the difference! 3Khz or not,
> the
> > difference will be there, and very very noticeable, because we are
> talking
> > in practice not theory !!! If your aim at a final result of 3Khz, then
> > you should start your design for 6Khz or more. to compensate !! If you
> > design for 3Khz, with all the filters, circuit losses etc, you finish up
> > with 2 or even less Khz !!!
> >
> > The TS850 has a variable IF bandwidth from 12Khz down to 100hz (with
> > optional filter). Today's ham bands are not so crowded, as used to be
> > (except in an annoying contest) so opening the bandwidth is not going to
> > harm anyone. Sometimes, closing the bandwidth causes a peak in the noise!
> > ot to mention the noise caused by the insertion of the carrier to read
> ssb !
> >
> > I intend to set up my TS850 with a Neuman, Sennheiser or AKG professional
> > condenser mic, feeding a THAT1570 mic amp chip, with almost unmeasurable

> > distortion and noise. The main problem is how to
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
> >
> >
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

11061. Need TS850 info please

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 17:45:17 UTC
From: Bruce
Topic: 11061 Message: 11061

Hello to you all.

I am new to this user group

Need to know what years the TS850 was built/sold.

I understand they came out in 1991, but not sure how long they were made.

Hard to find this info on web.

Thanks, Bruce N4JHY

11062. Re: [TS-850_450_690] Need TS850 info please

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 20:29:47 UTC
From: Dennis
Topic: 11061 Message: 11062

I think it was 1990 to 1996. I believe this was discussed previously on this group. You could do a search on previous messages.

Dennis W8YS

From: Bruce
Sent: Sunday, February 05, 2012 12:45 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Need TS850 info please

Hello to you all.

I am new to this user group

Need to know what years the TS850 was built/sold.

I understand they came out in 1991, but not sure how long they were made.

Hard to find this info on web.

Thanks, Bruce N4JHY

[Non-text portions of this message have been removed]

11063. RE: [TS-850_450_690] A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-05 22:56:17 UTC
From: Keon KE3HAY
Topic: 11049 Message: 11063

I slightly disagree with one thing. The Studio condenser that I run is MXL 990 that I pulled out of my studio upstairs. I run condensers not because they are the same in every studio but because the flat response allows for the best in tailoring the audio reproduced.

You want that on a 850 or any other rig that has the ability to EQ a signal. IF you don't have that ability, then a GOOD dynamic mic like the Sennheiser s835 that will give you minimal boost in the human voice range with a smoother response than HEIL produces.

HEIL does a great job on boosting the vocal range however its not always beneficial. DX is going to hear flat smooth audio faster than peaked Highs in the Audio ... and I work piles ups every single day and break them 85% of the time.

Now, we can argue this point and agree to disagree but the bottom line is you do what works, to get the DX and that we can all agree is the common goal.

Keon KE3HAY

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of condor@...
Sent: Sunday, February 05, 2012 12:09 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] A new mic amp for the TS850 & essb

I was not talking theory - I am talking practical reality - I have been a ham for over 50 years and cracked hundreds and hundreds of pile-ups on very rare countries - (and missed my share too).

Your theory of "Out of the blue, comes a rich, well vocalized voice, with no compression no punch, just a clear , understandably almost hi-fi, nearly pro vocal! And he get an answer from the dx station, even thou, the others were probably an S9 or so !!!!"... it pure unadulterated BS.

It is obvious that you have not spend much time actually working DX in DX pile-ups.

1 - The human voice (particularly the male voice) has most of it's energy in the low end, below 300 cps. If you put the male voice in a spectrum analyzer, you will find that the 100% levels will be determined by the frequencies below 300 cycles - reading up the frequency scale, the higher frequencies that carry information will show peaks in the 8% to 12% levels.

Since the output level of a transmitter is determined by the largest peak, in an unmodified voice, the lowest frequency peaks will set the max output (most likely 100 watts) and the information part of the voice will be at ~8 to ~12 watts. A very poor communications signal.

If you remove the bottom 500 cps, the peak output will now be determined by the frequencies that were 8% to 12% - so you just got a free 8 to 10 db gain in your understandability.

The modern mics that come with our transceivers are well designed - the Kenwood MC-90 puts out a voice signal to 20,0000 cycles that is fairly flat, with 10db low frequency cut-off below 200 cycles- how much higher do you need to go??

While studio mics are "Flat" across the spectrum, because they need to reproduce the voice of every performer so they sound the same in every studio, the communication mic has a different job - it is to get as much understandability as possible, with the limited power available, under the worst atmospheric conditions.

The "Hi Fi" mic fails badly in this roll.

This not "my opinion" it is the result of millions of hours of hams working across vast distances, under the worst conditions possible.

I have used a bunch of mics, including Kenwood MC-60, and MC-90, Yaesu, Icom, and Heil... and currently have a top of the line Heil on a boom.

The very best signal reports I have ever consistently received were from a D-104 with a crystal head - the base amplifier was removed, and the mic was feed directly into a TS-940 through a home made 600 ohm "T-pad" with an adjustable bridge. I have yet to find another mic as good as that.

Paul - K2BK

On 2/5/2012 5:55 AM, Malti wrote:
> Forget the theory for a while! Let's be practical!
>
> We often hear a pileup trying to work an elusive dx station. You can hear
> scores of very distorted low frequency voices, with lack of tops !
> Out of the blues, comes a rich, well equalized voice, with no compression,
> no punch, just a clear , understandably almost hi-fi, nearly pro vocal !
> And he get an answer from the dx station, even thou, the others were
> probably an S9 or so !!!!
> Why do you think some hams prefer a mic from another? The difference is in
> the response. So to hell with the theory of 3Khz bandwidth!
>
> Try fitting a professional 30Hz to 20Khz condenser microphone, instead of
> the so called ssb mics, and you will hear the difference! 3Khz or not,
the
> difference will be there, and very very noticeable, because we are
talking
> in practice not theory !!! If your aim at a final result of 3Khz, then

> you should start your design for 6Khz or more. to compensate !! If you
> design for 3Khz, with all the filters, circuit losses etc, you finish up
> with 2 or even less Khz !!!
>
> The TS850 has a variable IF bandwidth from 12Khz down to 100hz (with
> optional filter). Today's ham bands are not so crowded, as used to be
> (except in an annoying contest) so opening the bandwidth is not going to
> harm anyone. Sometimes, closing the bandwidth causes a peak in the noise!
> ot to mention the noise caused by the insertion of the carrier to read ssb
!
>
> I intend to set up my TS850 with a Neuman, Sennheiser or AKG professional
> condenser mic, feeding a THAT1570 mic amp chip, with almost unmeasurable
> distortion and noise. The main problem is how to
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2112/4790 - Release Date: 02/05/12

11064. A new mic amp for the TS850 & essb

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-06 07:31:05 UTC
From: pauldebono@rocketmail.com
Topic: 11049 Message: 11064

In a professional recording studio, we use different microphones for different instruments, and even different vocals !. There are the unidirectional, cardoid, hypercardoid etc. So it is not just picking up any full range pro mic, but the right mic for the right sound ! Microphones intended for speech are advertised as "vocals" And these types are suitable for us. Despite their 20 to 20Khz response, they have a peak at the vocal frequencies, and with all probability, you do not even need an EQ. Some, like the AKG D109, have a built-in cut off of the very low frequencies. Others have a built-in boost for the tops !

For those who asked, I am an ex-sound technician, ex- motion picture sound engineer, ex-sound balancing engineer, ex- Marine Radio Officer, ex- Marine radio coast station operator, ex- servicing technician, Licenced ham 1964.

11065. Need TS850 info please

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-06 11:25:24 UTC
From: jim balle
Topic: 11061 Message: 11065

try this site

http://www.rigpix.com/kenwood/kenwoodselect.htm

--
www.fhu.com

[Non-text portions of this message have been removed]

11066. Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-06 13:45:21 UTC
From: Bob Richie
Topic: 11066 Message: 11066

If you have a comment about a mic specific to the TS or TS 450/690 I'd like to see it. If it is something more appropriate for an audiophile forum, take it there. I recently left one of these groups because of excessive off topic blather.

Bob
K%YB

11067. New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 01:27:41 UTC
From: John Parker
Topic: 782 Message: 11067

Aloha!

My name is John, WH6DQU.

Looking forward to hearing from mbrs of this group!

Are there any mbrs in Hawaii?

73,

John

Sent from my iPhone

11068. Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 11:04:34 UTC
From: Jim
Topic: 11066 Message: 11068

What Bob said...

If its directly related to the rigs, I'm interested, otherwise, save it.

:-)

Sent from my iPad

11069. Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 13:44:35 UTC
From: Kurt Cathcart
Topic: 11066 Message: 11069

The topic id the TS-850 and essb. To me, this fits right into the groups subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>
> If you have a comment about a mic specific to the TS or TS 450/690 I'd like to see it. If it is something more appropriate for an audiophile forum, take it there. I recently left one of these groups because of excessive off topic blather.
>
> Bob
> K%YB
>

11070. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 15:48:51 UTC
From: Keon Hayes
Topic: 11066 Message: 11070

Kurt ill get on your rescue boat and grab the other oar.

Folks who claim this isn't about the radio need to read from the Top of the thread ...

Adding to all this thread, yesterday I used a Heil goldline element on the air and to me it distorted the characteristics of my voice on the air. Off the bat I noticed you had way too much bass. The recording that I got back from a friend in connecticut was not what I expected to hear on the other side. I've been switched over to the g m 5 elements in what I heard was a closer representation of my voice however it made me sound tinny.

Now I am not sure if there is audio adjustment somewhere in the hidden menus of the ts 850 however when I put the sennheiser microphone on (e835) what I got was a much smoother audio, much more pleasing audio an a true representation of what I actually sound like in a face to face conversation.

I still would like to have an eq in line to roll of a little bit more of the low end and maybe add some sparkle boosting the 12 13 and 15 kH.

In my opinion you're going to get the best audio from a microphone that is going to give you the flatest response possible without rolling off too much on the bottom without adding too much at the top and you setting up an equalizer in between the radio and the microphone to buy just for clarity, presents, and the brilliance of how you actually sound.

I'm also gonna stand firm in saying that the compression the radio offers is okay but it is always going to be better even to have an external compressor in line before getting to the radio and using that vs the processor it it comes with the radio.

To recapitulate everything that has been stated:

1. Everybody can agree that's what gets them the dx works for them.

2. Everybody is not going to agree with the choice of microphone

3. There are more than enough opinions, theories, and practical examples on this thread that people who are looking for a solution can try and see what works for them.

4. I think everybody can agree that eqing does not cause splattering, bad operating habbits do

5. All of our Kenwood radios are the best radios ever made on the planet!

Keon ke3hay
On Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:

> **
>
>
> The topic id the TS-850 and essb. To me, this fits right into the groups
> subject matter. I'd like to hear more of what people have to say.
>
> Find your delete key.
>
> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
> >
> > If you have a comment about a mic specific to the TS or TS 450/690 I'd
> like to see it. If it is something more appropriate for an audiophile
> forum, take it there. I recently left one of these groups because of
> excessive off topic blather.
> > >
> > > Bob
> > > K%YB
> > >
>
>
>

[Non-text portions of this message have been removed]

11071. Re: New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 16:20:30 UTC
From: ah6rr1
Topic: 782 Message: 11071

Aloha John,

I am in Hawaii on the Big Island in Kona. I have been a member since 2004. If you have any questions on the TS-850 feel free to email me.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@...> wrote:
>
> Aloha!
>
> My name is John, WH6DQU.
>
> Looking forward to hearing from mbrs of this group!
>
> Are there any mbrs in Hawaii?
>
> 73,
>
> John
>
> Sent from my iPhone
>

11072. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 16:11:29 UTC
From: Trent Fleming
Topic: 11066 Message: 11072

R R on the Kenwoods!!!

73 de N4DTF

Sent from my iPhone

On Feb 7, 2012, at 9:48 AM, Keon Hayes <ke3hay@...> wrote:

> Kurt ill get on your rescue boat and grab the other oar.
>
> Folks who claim this isn't about the radio need to read from the Top of the
> thread ...
>
> Adding to all this thread, yesterday I used a Heil goldline element on the
> air and to me it distorted the characteristics of my voice on the air. Off
> the bat I noticed you had way too much bass. The recording that I got back
> from a friend in connecticut was not what I expected to hear on the other
> side. I've been switched over to the g m 5 elements in what I heard was a
> closer representation of my voice however it made me sound tinny.
>
> Now I am not sure if there is audio adjustment somewhere in the hidden
> menus of the ts 850 however when I put the sennheiser microphone on (e835)
> what I got was a much smoother audio, much more pleasing audio an a true
> representation of what I actually sound like in a face to face
> conversation.
>
> I still would like to have an eq in line to roll of a little bit more of
> the low end and maybe add some sparkle boosting the 12 13 and 15 kH.
>
> In my opinion you're going to get the best audio from a microphone that is
> going to give you the flatest response possible without rolling off too
> much on the bottom without adding too much at the top and you setting up an
> equalizer in between the radio and the microphone to buy just for clarity,
> presents, and the brilliance of how you actually sound.
>
> I'm also gonna stand firm in saying that the compression the radio offers
> is okay but it is always going to be better even to have an external
> compressor in line before getting to the radio and using that vs the
> processor it it comes with the radio.
>
> To recapitulate everything that has been stated:
>
> 1. Everybody can agree that's what gets them the dx works for them.
>
> 2. Everybody is not going to agree with the choice of microphone
>

> 3. There are more than enough opinions, theories, and practical examples on
> this thread that people who are looking for a solution can try and see what
> works for them.
>
> 4. I think everybody can agree that eqing does not cause splattering, bad
> operating habbits do
>
> 5. All of our Kenwood radios are the best radios ever made on the planet!
>
> Keon ke3hay
> On Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:
>
>> **
>>
>>
>> The topic id the TS-850 and essb. To me, this fits right into the groups
>> subject matter. I'd like to hear more of what people have to say.
>>
>> Find your delete key.
>>
>> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>>>
>>> If you have a comment about a mic specific to the TS or TS 450/690 I'd
>> like to see it. If it is something more appropriate for an audiophile
>> forum, take it there. I recently left one of these groups because of
>> excessive off topic blather.
>>>
>>> Bob
>>> K%YB
>>>
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

11073. Re: [TS-850_450_690] Re: New Member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 17:41:28 UTC
From: John Parker
Topic: 782 Message: 11073

Thanks Roland!

73,

John WG6DQU

Sent from my iPhone

On Feb 7, 2012, at 6:20 AM, "ah6rr1" <Toesonnose@...> wrote:

> Aloha John,
>
> I am in Hawaii on the Big Island in Kona. I have been a member since 2004. If you have any questions on the TS-850 feel free to email me.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@...> wrote:
> >
> > Aloha!
> >
> > My name is John, WH6DQU.
> >
> > Looking forward to hearing from mbrs of this group!
> >
> > Are there any mbrs in Hawaii?
> >
> > 73,
> >
> > John
> >
> > Sent from my iPhone
> >
>
>

[Non-text portions of this message have been removed]

11074. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 17:30:02 UTC
From: Daniel Raney
Topic: 11066 Message: 11074

Well said, Keon.....

Dan

-----Original Message-----
From: Keon Hayes <ke3hay@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Feb 7, 2012 7:48 am
Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.
Folks who claim this isn't about the radio need to read from the Top of the
hread ...
Adding to all this thread, yesterday I used a Heil goldline element on the
ir and to me it distorted the characteristics of my voice on the air. Off
he bat I noticed you had way too much bass. The recording that I got back
rom a friend in connecticut was not what I expected to hear on the other
ide. I've been switched over to the g m 5 elements in what I heard was a
loser representation of my voice however it made me sound tinny.
Now I am not sure if there is audio adjustment somewhere in the hidden
enus of the ts 850 however when I put the sennheiser microphone on (e835)
hat I got was a much smoother audio, much more pleasing audio an a true
epresentation of what I actually sound like in a face to face
onversation.
I still would like to have an eq in line to roll of a little bit more of
he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
In my opinion you're going to get the best audio from a microphone that is
oing to give you the flatest response possible without rolling off too
uch on the bottom without adding too much at the top and you setting up an
qualizer in between the radio and the microphone to buy just for clarity,
resents, and the brilliance of how you actually sound.
I'm also gonna stand firm in saying that the compression the radio offers
s okay but it is always going to be better even to have an external
ompressor in line before getting to the radio and using that vs the
rocessor it it comes with the radio.
To recapitulate everything that has been stated:
1. Everybody can agree that's what gets them the dx works for them.
2. Everybody is not going to agree with the choice of microphone
3. There are more than enough opinions, theories, and practical examples on
his thread that people who are looking for a solution can try and see what
orks for them.
4. I think everybody can agree that eqing does not cause splattering, bad
perating habbits do
5. All of our Kenwood radios are the best radios ever made on the planet!
Keon ke3hay
n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:

> **

The topic id the TS-850 and essb. To me, this fits right into the groups subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>
> If you have a comment about a mic specific to the TS or TS 450/690 I'd like to see it. If it is something more appropriate for an audiophile forum, take it there. I recently left one of these groups because of excessive off topic blather.
>
> Bob
> K%YB
>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

11075. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 18:25:01 UTC
From: Bob Macklin
Topic: 11066 Message: 11075

I don't know what radio you are referring to.

But, for communications quality voice what is needed is simply a clipper/filter system.

By clipping the voice peaks you can generate a stronger voice signal without over driving the amplifier. The filter is there just to remove the excess harmonics created by clipping.

I first saw this technique use in the 50's when AM was the predominant mode for voice.

If you want HiFi that is a different problem.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Daniel Raney
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 07, 2012 9:30 AM
Subject: Re: [TS-850_450_690] Re: Mic Stuff

Well said, Keon.....

Dan

-----Original Message-----
From: Keon Hayes <ke3hay@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Feb 7, 2012 7:48 am
Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.
Folks who claim this isn't about the radio need to read from the Top of the
hread ...
Adding to all this thread, yesterday I used a Heil goldline element on the
ir and to me it distorted the characteristics of my voice on the air. Off
he bat I noticed you had way too much bass. The recording that I got back
rom a friend in connecticut was not what I expected to hear on the other
ide. I've been switched over to the g m 5 elements in what I heard was a
loser representation of my voice however it made me sound tinny.
Now I am not sure if there is audio adjustment somewhere in the hidden
enus of the ts 850 however when I put the sennheiser microphone on (e835)
hat I got was a much smoother audio, much more pleasing audio an a true
epresentation of what I actually sound like in a face to face
onversation.
I still would like to have an eq in line to roll of a little bit more of

he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
In my opinion you're going to get the best audio from a microphone that is
oing to give you the flatest response possible without rolling off too
uch on the bottom without adding too much at the top and you setting up an
qualizer in between the radio and the microphone to buy just for clarity,
resents, and the brilliance of how you actually sound.
I'm also gonna stand firm in saying that the compression the radio offers
s okay but it is always going to be better even to have an external
ompressor in line before getting to the radio and using that vs the
rocessor it it comes with the radio.
To recapitulate everything that has been stated:
1. Everybody can agree that's what gets them the dx works for them.
2. Everybody is not going to agree with the choice of microphone
3. There are more than enough opinions, theories, and practical examples on
his thread that people who are looking for a solution can try and see what
orks for them.
4. I think everybody can agree that eqing does not cause splattering, bad
perating habbits do
5. All of our Kenwood radios are the best radios ever made on the planet!
Keon ke3hay
n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:
> **

The topic id the TS-850 and essb. To me, this fits right into the groups
subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>
> If you have a comment about a mic specific to the TS or TS 450/690 I'd
like to see it. If it is something more appropriate for an audiophile
forum, take it there. I recently left one of these groups because of
excessive off topic blather.
>
> Bob
> K%YB
>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11076. RE: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 18:30:39 UTC
From: greg andersen
Topic: 11066 Message: 11076

I purchased a TS-850 Friday, and I am in love.It does everything I want, and when I want it to. Great audio reports over the weekend on SSB.
Trying to line up a DSP-100, but from what I've seen on pricing, it would cost me as much as I paid for the radio.
The great audio reports were with the stock hand microphone. I will be trying some front end processing as soon as I make an 8 pin cable. I've had pretty good results with an old audio technica ST90 microphone. It seems to match my voice pretty well.
One question though, without the DSP-100, the radio is limited on SSB to 2.7khz on the transmit, correct?

best regards,
Greg
To: TS-850_450_690@yahoogroups.com
From: fyrmandan@...
Date: Tue, 7 Feb 2012 12:30:02 -0500
Subject: Re: [TS-850_450_690] Re: Mic Stuff

Well said, Keon..................

Dan

-----Original Message-----

From: Keon Hayes <ke3hay@...>

To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>

Sent: Tue, Feb 7, 2012 7:48 am

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.

Folks who claim this isn't about the radio need to read from the Top of the

hread ...

Adding to all this thread, yesterday I used a Heil goldline element on the

ir and to me it distorted the characteristics of my voice on the air. Off

he bat I noticed you had way too much bass. The recording that I got back

rom a friend in connecticut was not what I expected to hear on the other

ide. I've been switched over to the g m 5 elements in what I heard was a

loser representation of my voice however it made me sound tinny.

Now I am not sure if there is audio adjustment somewhere in the hidden enus of the ts 850 however when I put the sennheiser microphone on (e835) hat I got was a much smoother audio, much more pleasing audio an a true epresentation of what I actually sound like in a face to face onversation.

I still would like to have an eq in line to roll of a little bit more of he low end and maybe add some sparkle boosting the 12 13 and 15 kH.

In my opinion you're going to get the best audio from a microphone that is oing to give you the flatest response possible without rolling off too uch on the bottom without adding too much at the top and you setting up an qualizer in between the radio and the microphone to buy just for clarity, resents, and the brilliance of how you actually sound.

I'm also gonna stand firm in saying that the compression the radio offers s okay but it is always going to be better even to have an external ompressor in line before getting to the radio and using that vs the rocessor it it comes with the radio.

To recapitulate everything that has been stated:

1. Everybody can agree that's what gets them the dx works for them.
2. Everybody is not going to agree with the choice of microphone
3. There are more than enough opinions, theories, and practical examples on his thread that people who are looking for a solution can try and see what orks for them.
4. I think everybody can agree that eqing does not cause splattering, bad perating habbits do
5. All of our Kenwood radios are the best radios ever made on the planet!

Keon ke3hay

n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...t> wrote:

> **

The topic id the TS-850 and essb. To me, this fits right into the groups

subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:

>

> If you have a comment about a mic specific to the TS or TS 450/690 I'd like to see it. If it is something more appropriate for an audiophile forum, take it there. I recently left one of these groups because of excessive off topic blather.

>

> Bob

> K%YB

>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

Individual Email | Traditional

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11077. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 18:43:48 UTC
From: Keon Hayes
Topic: 11066 Message: 11077

Bob

In theory that is exactly what compression does. It takes the peeks, compresses them down and what you get is the meat of the audio suppressing the harmonics.

The processor or the compressor on the ts 850 is a marginal at best when you are truly trying to get the effects of compression.

The processor on the radio is trying to imitate a compressor which takes the most signal in the smallest bandwith thus making your signal louder and punchy. That is the point of it but that doesn't necessarily mean that it improves anything. My point is with that radio it is better to run an external compressor than to use the radio built in processor because the external compressor is gonna do a much better job because that is what is designed to do - not 900 other different things.
On Feb 7, 2012 1:25 PM, "Bob Macklin" <macklinbob@...> wrote:

> **
>
>
> I don't know what radio you are referring to.
>
> But, for communications quality voice what is needed is simply a
> clipper/filter system.
>
> By clipping the voice peaks you can generate a stronger voice signal
> without over driving the amplifier. The filter is there just to remove the
> excess harmonics created by clipping.
>
> I first saw this technique use in the 50's when AM was the predominant
> mode for voice.
>
> If you want HiFi that is a different problem.
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>
> ----- Original Message -----
> From: Daniel Raney
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, February 07, 2012 9:30 AM
> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>

> Well said, Keon.....
>
> Dan
>
> -----Original Message-----
> From: Keon Hayes <ke3hay@...>
> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
> Sent: Tue, Feb 7, 2012 7:48 am
> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>
> Kurt ill get on your rescue boat and grab the other oar.
> Folks who claim this isn't about the radio need to read from the Top of the
> hread ...
> Adding to all this thread, yesterday I used a Heil goldline element on the
> ir and to me it distorted the characteristics of my voice on the air. Off
> he bat I noticed you had way too much bass. The recording that I got back
> rom a friend in connecticut was not what I expected to hear on the other
> ide. I've been switched over to the g m 5 elements in what I heard was a
> loser representation of my voice however it made me sound tinny.
> Now I am not sure if there is audio adjustment somewhere in the hidden
> enus of the ts 850 however when I put the sennheiser microphone on (e835)
> hat I got was a much smoother audio, much more pleasing audio an a true
> epresentation of what I actually sound like in a face to face
> onversation.
> I still would like to have an eq in line to roll of a little bit more of
> he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
> In my opinion you're going to get the best audio from a microphone that is
> oing to give you the flatest response possible without rolling off too
> uch on the bottom without adding too much at the top and you setting up an
> qualizer in between the radio and the microphone to buy just for clarity,
> resents, and the brilliance of how you actually sound.
> I'm also gonna stand firm in saying that the compression the radio offers
> s okay but it is always going to be better even to have an external
> ompressor in line before getting to the radio and using that vs the
> rocessor it it comes with the radio.
> To recapitulate everything that has been stated:
> 1. Everybody can agree that's what gets them the dx works for them.
> 2. Everybody is not going to agree with the choice of microphone
> 3. There are more than enough opinions, theories, and practical examples on
> his thread that people who are looking for a solution can try and see what
> orks for them.
> 4. I think everybody can agree that eqing does not cause splattering, bad
> perating habbits do
> 5. All of our Kenwood radios are the best radios ever made on the planet!
> Keon ke3hay
> n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:
> > **
>
> The topic id the TS-850 and essb. To me, this fits right into the groups
> subject matter. I'd like to hear more of what people have to say.

>
> Find your delete key.
>
> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
> >
> > If you have a comment about a mic specific to the TS or TS 450/690 I'd
> like to see it. If it is something more appropriate for an audiophile
> forum, take it there. I recently left one of these groups because of
> excessive off topic blather.
> >
> > Bob
> > K%YB
> >
>
> Non-text portions of this message have been removed]
>
> ------------------------------------
> THANKS FOR USING TS-850_450_690@...! Groups Links
> Individual Email | Traditional
> http://docs.yahoo.com/info/terms/
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11078. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 18:57:54 UTC
From: Bob Macklin
Topic: 11066 Message: 11078

What's wrong with limiting the transmitter to 2.7KHz?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: greg andersen
To: ts-850_450_690@yahoogroups.com
Sent: Tuesday, February 07, 2012 10:30 AM
Subject: RE: [TS-850_450_690] Re: Mic Stuff

I purchased a TS-850 Friday, and I am in love.It does everything I want, and when I want it to. Great audio reports over the weekend on SSB.
Trying to line up a DSP-100, but from what I've seen on pricing, it would cost me as much as I paid for the radio.
The great audio reports were with the stock hand microphone. I will be trying some front end processing as soon as I make an 8 pin cable. I've had pretty good results with an old audio technica ST90 microphone. It seems to match my voice pretty well.
One question though, without the DSP-100, the radio is limited on SSB to 2.7khz on the transmit, correct?

best regards,
Greg
To: TS-850_450_690@yahoogroups.com
From: fyrmandan@...
Date: Tue, 7 Feb 2012 12:30:02 -0500
Subject: Re: [TS-850_450_690] Re: Mic Stuff

Well said, Keon..................

Dan

-----Original Message-----

From: Keon Hayes <ke3hay@...>

To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>

Sent: Tue, Feb 7, 2012 7:48 am

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.

Folks who claim this isn't about the radio need to read from the Top of the

hread ...

Adding to all this thread, yesterday I used a Heil goldline element on the ir and to me it distorted the characteristics of my voice on the air. Off he bat I noticed you had way too much bass. The recording that I got back rom a friend in connecticut was not what I expected to hear on the other ide. I've been switched over to the g m 5 elements in what I heard was a loser representation of my voice however it made me sound tinny.

Now I am not sure if there is audio adjustment somewhere in the hidden enus of the ts 850 however when I put the sennheiser microphone on (e835) hat I got was a much smoother audio, much more pleasing audio an a true epresentation of what I actually sound like in a face to face onversation.

I still would like to have an eq in line to roll of a little bit more of he low end and maybe add some sparkle boosting the 12 13 and 15 kH.

In my opinion you're going to get the best audio from a microphone that is oing to give you the flatest response possible without rolling off too uch on the bottom without adding too much at the top and you setting up an qualizer in between the radio and the microphone to buy just for clarity, resents, and the brilliance of how you actually sound.

I'm also gonna stand firm in saying that the compression the radio offers s okay but it is always going to be better even to have an external ompressor in line before getting to the radio and using that vs the rocessor it it comes with the radio.

To recapitulate everything that has been stated:

1. Everybody can agree that's what gets them the dx works for them.

2. Everybody is not going to agree with the choice of microphone

3. There are more than enough opinions, theories, and practical examples on his thread that people who are looking for a solution can try and see what orks for them.

4. I think everybody can agree that eqing does not cause splattering, bad perating habbits do

5. All of our Kenwood radios are the best radios ever made on the planet!

Keon ke3hay

n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:

> **

The topic id the TS-850 and essb. To me, this fits right into the groups subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:

>

> If you have a comment about a mic specific to the TS or TS 450/690 I'd like to see it. If it is something more appropriate for an audiophile forum, take it there. I recently left one of these groups because of excessive off topic blather.

>

> Bob

> K%YB

>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

Individual Email | Traditional

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11079. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 19:04:52 UTC
From: Bob Macklin
Topic: 11066 Message: 11079

I am just getting familiar wit the Kenwood HF radios. Some seem to have TOO MANY features!

There is nothing new about speech compression. Just how it is generated.

I have a TS-520 which does not have any of this stuff. So an external box would be required.

People should know that a speech compressor can be more cost effective than adding a linear amplifier. A 25W SSB transmitter can be made to sound like a 100W SSB transmitter. It's done by just increasing the average power level.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: "Keon Hayes" <ke3hay@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 07, 2012 10:43 AM
Subject: Re: [TS-850_450_690] Re: Mic Stuff

> Bob
>
> In theory that is exactly what compression does. It takes the peeks,
> compresses them down and what you get is the meat of the audio suppressing
> the harmonics.
>
> The processor or the compressor on the ts 850 is a marginal at best when
> you are truly trying to get the effects of compression.
>
> The processor on the radio is trying to imitate a compressor which takes
> the most signal in the smallest bandwith thus making your signal louder
> and
> punchy. That is the point of it but that doesn't necessarily mean that it
> improves anything. My point is with that radio it is better to run an
> external compressor than to use the radio built in processor because the
> external compressor is gonna do a much better job because that is what is
> designed to do - not 900 other different things.
> On Feb 7, 2012 1:25 PM, "Bob Macklin" <macklinbob@...> wrote:
>
>> **
>>
>>
>> I don't know what radio you are referring to.

>>
>> But, for communications quality voice what is needed is simply a
>> clipper/filter system.
>>
>> By clipping the voice peaks you can generate a stronger voice signal
>> without over driving the amplifier. The filter is there just to remove
>> the
>> excess harmonics created by clipping.
>>
>> I first saw this technique use in the 50's when AM was the predominant
>> mode for voice.
>>
>> If you want HiFi that is a different problem.
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>> ----- Original Message -----
>> From: Daniel Raney
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Tuesday, February 07, 2012 9:30 AM
>> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>>
>> Well said, Keon.................
>>
>> Dan
>>
>> -----Original Message-----
>> From: Keon Hayes <ke3hay@...>
>> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
>> Sent: Tue, Feb 7, 2012 7:48 am
>> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>>
>> Kurt ill get on your rescue boat and grab the other oar.
>> Folks who claim this isn't about the radio need to read from the Top of
>> the
>> hread ...
>> Adding to all this thread, yesterday I used a Heil goldline element on
>> the
>> ir and to me it distorted the characteristics of my voice on the air. Off
>> he bat I noticed you had way too much bass. The recording that I got back
>> rom a friend in connecticut was not what I expected to hear on the other
>> ide. I've been switched over to the g m 5 elements in what I heard was a
>> loser representation of my voice however it made me sound tinny.
>> Now I am not sure if there is audio adjustment somewhere in the hidden
>> enus of the ts 850 however when I put the sennheiser microphone on (e835)
>> hat I got was a much smoother audio, much more pleasing audio an a true
>> epresentation of what I actually sound like in a face to face

>> onversation.
>> I still would like to have an eq in line to roll of a little bit more of
>> he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
>> In my opinion you're going to get the best audio from a microphone that
>> is
>> oing to give you the flatest response possible without rolling off too
>> uch on the bottom without adding too much at the top and you setting up
>> an
>> qualizer in between the radio and the microphone to buy just for clarity,
>> resents, and the brilliance of how you actually sound.
>> I'm also gonna stand firm in saying that the compression the radio offers
>> s okay but it is always going to be better even to have an external
>> ompressor in line before getting to the radio and using that vs the
>> rocessor it it comes with the radio.
>> To recapitulate everything that has been stated:
>> 1. Everybody can agree that's what gets them the dx works for them.
>> 2. Everybody is not going to agree with the choice of microphone
>> 3. There are more than enough opinions, theories, and practical examples
>> on
>> his thread that people who are looking for a solution can try and see
>> what
>> orks for them.
>> 4. I think everybody can agree that eqing does not cause splattering, bad
>> perating habbits do
>> 5. All of our Kenwood radios are the best radios ever made on the planet!
>> Keon ke3hay
>> n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:
>> > **
>>
>> The topic id the TS-850 and essb. To me, this fits right into the groups
>> subject matter. I'd like to hear more of what people have to say.
>>
>> Find your delete key.
>>
>> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>> >
>> > If you have a comment about a mic specific to the TS or TS 450/690 I'd
>> like to see it. If it is something more appropriate for an audiophile
>> forum, take it there. I recently left one of these groups because of
>> excessive off topic blather.
>> >
>> > Bob
>> > K%YB
>> >
>>
>> Non-text portions of this message have been removed]
>>
>> ------------------------------------
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>> Individual Email | Traditional

>> http://docs.yahoo.com/info/terms/
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

11080. RE: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 19:07:55 UTC
From: Keon KE3HAY
Topic: 11066 Message: 11080

IN deed. Then you would run into guys that have too much compression and
then you would rather them have 1.5KW than a compressor.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Macklin
Sent: Tuesday, February 07, 2012 2:05 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Mic Stuff

I am just getting familiar wit the Kenwood HF radios. Some seem to have TOO
MANY features!

There is nothing new about speech compression. Just how it is generated.

I have a TS-520 which does not have any of this stuff. So an external box
would be required.

People should know that a speech compressor can be more cost effective than
adding a linear amplifier. A 25W SSB transmitter can be made to sound like a

100W SSB transmitter. It's done by just increasing the average power level.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: "Keon Hayes" <ke3hay@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 07, 2012 10:43 AM
Subject: Re: [TS-850_450_690] Re: Mic Stuff

> Bob
>
> In theory that is exactly what compression does. It takes the peeks,
> compresses them down and what you get is the meat of the audio suppressing
> the harmonics.
>
> The processor or the compressor on the ts 850 is a marginal at best when
> you are truly trying to get the effects of compression.
>
> The processor on the radio is trying to imitate a compressor which takes
> the most signal in the smallest bandwith thus making your signal louder
> and
> punchy. That is the point of it but that doesn't necessarily mean that it

> improves anything. My point is with that radio it is better to run an
> external compressor than to use the radio built in processor because the
> external compressor is gonna do a much better job because that is what is
> designed to do - not 900 other different things.
> On Feb 7, 2012 1:25 PM, "Bob Macklin" <macklinbob@...> wrote:
>
>> **
>>
>>
>> I don't know what radio you are referring to.
>>
>> But, for communications quality voice what is needed is simply a
>> clipper/filter system.
>>
>> By clipping the voice peaks you can generate a stronger voice signal
>> without over driving the amplifier. The filter is there just to remove
>> the
>> excess harmonics created by clipping.
>>
>> I first saw this technique use in the 50's when AM was the predominant
>> mode for voice.
>>
>> If you want HiFi that is a different problem.
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>> ----- Original Message -----
>> From: Daniel Raney
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Tuesday, February 07, 2012 9:30 AM
>> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>>
>> Well said, Keon.................
>>
>> Dan
>>
>> -----Original Message-----
>> From: Keon Hayes <ke3hay@...>
>> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
>> Sent: Tue, Feb 7, 2012 7:48 am
>> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>>
>> Kurt ill get on your rescue boat and grab the other oar.
>> Folks who claim this isn't about the radio need to read from the Top of
>> the
>> hread ...
>> Adding to all this thread, yesterday I used a Heil goldline element on

>> the
>> ir and to me it distorted the characteristics of my voice on the air. Off
>> he bat I noticed you had way too much bass. The recording that I got back
>> rom a friend in connecticut was not what I expected to hear on the other
>> ide. I've been switched over to the g m 5 elements in what I heard was a
>> loser representation of my voice however it made me sound tinny.
>> Now I am not sure if there is audio adjustment somewhere in the hidden
>> enus of the ts 850 however when I put the sennheiser microphone on (e835)
>> hat I got was a much smoother audio, much more pleasing audio an a true
>> epresentation of what I actually sound like in a face to face
>> onversation.
>> I still would like to have an eq in line to roll of a little bit more of
>> he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
>> In my opinion you're going to get the best audio from a microphone that
>> is
>> oing to give you the flatest response possible without rolling off too
>> uch on the bottom without adding too much at the top and you setting up
>> an
>> qualizer in between the radio and the microphone to buy just for clarity,
>> resents, and the brilliance of how you actually sound.
>> I'm also gonna stand firm in saying that the compression the radio offers
>> s okay but it is always going to be better even to have an external
>> ompressor in line before getting to the radio and using that vs the
>> rocessor it it comes with the radio.
>> To recapitulate everything that has been stated:
>> 1. Everybody can agree that's what gets them the dx works for them.
>> 2. Everybody is not going to agree with the choice of microphone
>> 3. There are more than enough opinions, theories, and practical examples
>> on
>> his thread that people who are looking for a solution can try and see
>> what
>> orks for them.
>> 4. I think everybody can agree that eqing does not cause splattering, bad
>> perating habbits do
>> 5. All of our Kenwood radios are the best radios ever made on the planet!
>> Keon ke3hay
>> n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:
>> > **
>>
>> The topic id the TS-850 and essb. To me, this fits right into the groups
>> subject matter. I'd like to hear more of what people have to say.
>>
>> Find your delete key.
>>
>> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>> >
>> > If you have a comment about a mic specific to the TS or TS 450/690 I'd
>> like to see it. If it is something more appropriate for an audiophile
>> forum, take it there. I recently left one of these groups because of
>> excessive off topic blather.

>> >
>> > Bob
>> > K%YB
>> >
>>
>> Non-text portions of this message have been removed]
>>
>> ------------------------------------
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>> Individual Email | Traditional
>> http://docs.yahoo.com/info/terms/
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2112/4794 - Release Date: 02/07/12

11081. RE: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 19:14:43 UTC
From: Keon KE3HAY
Topic: 11066 Message: 11081

I would love to get with 2 or three folks and organize a net with all of these Kenwood 850s and 440's --- just to hear all these radios on the air would be lovely. Has anyone ever considered it? I was thinking One Monday evening about 8:00 on 75M? It could be a one time event as far as I am concerned I just want to hear some of these stations on the air.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Macklin
Sent: Tuesday, February 07, 2012 1:58 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Mic Stuff

What's wrong with limiting the transmitter to 2.7KHz?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: greg andersen
To: ts-850_450_690@yahoogroups.com <mailto:ts-850_450_690%40yahoogroups.com>

Sent: Tuesday, February 07, 2012 10:30 AM
Subject: RE: [TS-850_450_690] Re: Mic Stuff

I purchased a TS-850 Friday, and I am in love.It does everything I want, and when I want it to. Great audio reports over the weekend on SSB.
Trying to line up a DSP-100, but from what I've seen on pricing, it would cost me as much as I paid for the radio.
The great audio reports were with the stock hand microphone. I will be trying some front end processing as soon as I make an 8 pin cable. I've had pretty good results with an old audio technica ST90 microphone. It seems to match my voice pretty well.
One question though, without the DSP-100, the radio is limited on SSB to 2.7khz on the transmit, correct?

best regards,
Greg
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

From: fyrmandan@... <mailto:fyrmandan%40aol.com>
Date: Tue, 7 Feb 2012 12:30:02 -0500
Subject: Re: [TS-850_450_690] Re: Mic Stuff

Well said, Keon.....

Dan

-----Original Message-----

From: Keon Hayes <ke3hay@... <mailto:ke3hay%40gmail.com> >

To: TS-850_450_690 <TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> >

Sent: Tue, Feb 7, 2012 7:48 am

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.

Folks who claim this isn't about the radio need to read from the Top of the

hread ...

Adding to all this thread, yesterday I used a Heil goldline element on the

ir and to me it distorted the characteristics of my voice on the air. Off

he bat I noticed you had way too much bass. The recording that I got back

rom a friend in connecticut was not what I expected to hear on the other

ide. I've been switched over to the g m 5 elements in what I heard was a

loser representation of my voice however it made me sound tinny.

Now I am not sure if there is audio adjustment somewhere in the hidden

enus of the ts 850 however when I put the sennheiser microphone on (e835)

hat I got was a much smoother audio, much more pleasing audio an a true

epresentation of what I actually sound like in a face to face

onversation.

I still would like to have an eq in line to roll of a little bit more of

he low end and maybe add some sparkle boosting the 12 13 and 15 kH.

In my opinion you're going to get the best audio from a microphone that is

oing to give you the flatest response possible without rolling off too

uch on the bottom without adding too much at the top and you setting up an

qualizer in between the radio and the microphone to buy just for clarity,

resents, and the brilliance of how you actually sound.

I'm also gonna stand firm in saying that the compression the radio offers

s okay but it is always going to be better even to have an external

ompressor in line before getting to the radio and using that vs the

rocessor it it comes with the radio.

To recapitulate everything that has been stated:

1. Everybody can agree that's what gets them the dx works for them.

2. Everybody is not going to agree with the choice of microphone

3. There are more than enough opinions, theories, and practical examples on

his thread that people who are looking for a solution can try and see what

orks for them.

4. I think everybody can agree that eqing does not cause splattering, bad

perating habbits do

5. All of our Kenwood radios are the best radios ever made on the planet!

Keon ke3hay

n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...
<mailto:kurt%40kuhlroad.net> > wrote:

> **

The topic id the TS-850 and essb. To me, this fits right into the groups

subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Bob Richie" <bob.k5yb@...>
wrote:

>

> If you have a comment about a mic specific to the TS or TS 450/690 I'd

like to see it. If it is something more appropriate for an audiophile

forum, take it there. I recently left one of these groups because of

excessive off topic blather.

>

> Bob

> K%YB

>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links

Individual Email | Traditional

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2112/4794 - Release Date: 02/07/12

[Non-text portions of this message have been removed]

11082. RE: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 19:25:24 UTC
From: Bob Naylor
Topic: 11066 Message: 11082

I'll go for a sked if it's 40m.Bob WE6C

--- On Tue, 2/7/12, Keon KE3HAY <ke3hay@...> wrote:

From: Keon KE3HAY <ke3hay@...>
Subject: RE: [TS-850_450_690] Re: Mic Stuff
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 7, 2012, 11:14 AM

I would love to get with 2 or three folks and organize a net with all of

these Kenwood 850s and 440's --- just to hear all these radios on the air

would be lovely. Has anyone ever considered it? I was thinking One Monday

evening about 8:00 on 75M? It could be a one time event as far as I am

concerned I just want to hear some of these stations on the air.

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

On Behalf Of Bob Macklin

Sent: Tuesday, February 07, 2012 1:58 PM

To: TS-850_450_690@yahoogroups.com

Subject: Re: [TS-850_450_690] Re: Mic Stuff

What's wrong with limiting the transmitter to 2.7KHz?

Bob Macklin

K5MYJ

Seattle, Wa.

"Real Radios Glow In The Dark"

----- Original Message -----

From: greg andersen

To: ts-850_450_690@...m <mailto:ts-850_450_690%40yahoogroups.com>

Sent: Tuesday, February 07, 2012 10:30 AM

Subject: RE: [TS-850_450_690] Re: Mic Stuff

I purchased a TS-850 Friday, and I am in love.It does everything I want, and

when I want it to. Great audio reports over the weekend on SSB.

Trying to line up a DSP-100, but from what I've seen on pricing, it would cost me as much as I paid for the radio.

The great audio reports were with the stock hand microphone. I will be trying some front end processing as soon as I make an 8 pin cable. I've had pretty good results with an old audio technica ST90 microphone. It seems to match my voice pretty well.

One question though, without the DSP-100, the radio is limited on SSB to 2.7khz on the transmit, correct?

best regards,

Greg

To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

From: fyrmandan@... <mailto:fyrmandan%40aol.com>

Date: Tue, 7 Feb 2012 12:30:02 -0500

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Well said, Keon.....

Dan

-----Original Message-----

From: Keon Hayes <ke3hay@... <mailto:ke3hay%40gmail.com> >

To: TS-850_450_690 <TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> >

Sent: Tue, Feb 7, 2012 7:48 am

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.

Folks who claim this isn't about the radio need to read from the Top of the hread ...

Adding to all this thread, yesterday I used a Heil goldline element on the ir and to me it distorted the characteristics of my voice on the air. Off he bat I noticed you had way too much bass. The recording that I got back

rom a friend in connecticut was not what I expected to hear on the other ide. I've been switched over to the g m 5 elements in what I heard was a loser representation of my voice however it made me sound tinny.

Now I am not sure if there is audio adjustment somewhere in the hidden enus of the ts 850 however when I put the sennheiser microphone on (e835) hat I got was a much smoother audio, much more pleasing audio an a true epresentation of what I actually sound like in a face to face onversation.

I still would like to have an eq in line to roll of a little bit more of he low end and maybe add some sparkle boosting the 12 13 and 15 kH.

In my opinion you're going to get the best audio from a microphone that is oing to give you the flatest response possible without rolling off too uch on the bottom without adding too much at the top and you setting up an qualizer in between the radio and the microphone to buy just for clarity, resents, and the brilliance of how you actually sound.

I'm also gonna stand firm in saying that the compression the radio offers s okay but it is always going to be better even to have an external ompressor in line before getting to the radio and using that vs the rocessor it it comes with the radio.

To recapitulate everything that has been stated:

1. Everybody can agree that's what gets them the dx works for them.
2. Everybody is not going to agree with the choice of microphone
3. There are more than enough opinions, theories, and practical examples on his thread that people who are looking for a solution can try and see what orks for them.
4. I think everybody can agree that eqing does not cause splattering, bad perating habbits do
5. All of our Kenwood radios are the best radios ever made on the planet!

Keon ke3hay

n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...

<mailto:kurt%40kuhlroad.net> > wrote:

> **

The topic id the TS-850 and essb. To me, this fits right into the groups

subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com

<mailto:TS-850_450_690%40yahoogroups.com> , "Bob Richie" <bob.k5yb@...>

wrote:

>

> If you have a comment about a mic specific to the TS or TS 450/690 I'd

like to see it. If it is something more appropriate for an audiophile

forum, take it there. I recently left one of these groups because of

excessive off topic blather.

>

> Bob

> K%YB

>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links

Individual Email | Traditional

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2012.0.1913 / Virus Database: 2112/4794 - Release Date: 02/07/12

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11083. Re: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 20:23:03 UTC
From: Bob Macklin
Topic: 11066 Message: 11083

I was just looking at the DSPs at HRO. All they have are receiver post processors.

Are there any microphone speech compressors available anywhere?

DSPs are nice since they can be reconfigured without component changes.

Both input processing (mic) and output (spkr) processing could be done in a PC.

What Kenwood radios have built in speech processing?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: Keon KE3HAY
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 07, 2012 11:07 AM
Subject: RE: [TS-850_450_690] Re: Mic Stuff

IN deed. Then you would run into guys that have too much compression and
then you would rather them have 1.5KW than a compressor.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Macklin
Sent: Tuesday, February 07, 2012 2:05 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Mic Stuff

I am just getting familiar wit the Kenwood HF radios. Some seem to have TOO
MANY features!

There is nothing new about speech compression. Just how it is generated.

I have a TS-520 which does not have any of this stuff. So an external box
would be required.

People should know that a speech compressor can be more cost effective than
adding a linear amplifier. A 25W SSB transmitter can be made to sound like a

100W SSB transmitter. It's done by just increasing the average power level.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: "Keon Hayes" <ke3hay@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 07, 2012 10:43 AM
Subject: Re: [TS-850_450_690] Re: Mic Stuff

> Bob
>
> In theory that is exactly what compression does. It takes the peeks,
> compresses them down and what you get is the meat of the audio suppressing
> the harmonics.
>
> The processor or the compressor on the ts 850 is a marginal at best when
> you are truly trying to get the effects of compression.
>
> The processor on the radio is trying to imitate a compressor which takes
> the most signal in the smallest bandwith thus making your signal louder
> and
> punchy. That is the point of it but that doesn't necessarily mean that it
> improves anything. My point is with that radio it is better to run an
> external compressor than to use the radio built in processor because the
> external compressor is gonna do a much better job because that is what is
> designed to do - not 900 other different things.
> On Feb 7, 2012 1:25 PM, "Bob Macklin" <macklinbob@...> wrote:
>
>> **
>>
>>
>> I don't know what radio you are referring to.
>>
>> But, for communications quality voice what is needed is simply a
>> clipper/filter system.
>>
>> By clipping the voice peaks you can generate a stronger voice signal
>> without over driving the amplifier. The filter is there just to remove
>> the
>> excess harmonics created by clipping.
>>
>> I first saw this technique use in the 50's when AM was the predominant
>> mode for voice.
>>
>> If you want HiFi that is a different problem.
>>
>> Bob Macklin
>> K5MYJ
>> Seattle, Wa.
>> "Real Radios Glow In The Dark"
>>
>> ----- Original Message -----
>> From: Daniel Raney
>> To: TS-850_450_690@yahoogroups.com

>> Sent: Tuesday, February 07, 2012 9:30 AM
>> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>>
>> Well said, Keon..................
>>
>> Dan
>>
>> -----Original Message-----
>> From: Keon Hayes <ke3hay@...>
>> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
>> Sent: Tue, Feb 7, 2012 7:48 am
>> Subject: Re: [TS-850_450_690] Re: Mic Stuff
>>
>> Kurt ill get on your rescue boat and grab the other oar.
>> Folks who claim this isn't about the radio need to read from the Top of
>> the
>> hread ...
>> Adding to all this thread, yesterday I used a Heil goldline element on
>> the
>> ir and to me it distorted the characteristics of my voice on the air. Off
>> he bat I noticed you had way too much bass. The recording that I got back
>> rom a friend in connecticut was not what I expected to hear on the other
>> ide. I've been switched over to the g m 5 elements in what I heard was a
>> loser representation of my voice however it made me sound tinny.
>> Now I am not sure if there is audio adjustment somewhere in the hidden
>> enus of the ts 850 however when I put the sennheiser microphone on (e835)
>> hat I got was a much smoother audio, much more pleasing audio an a true
>> epresentation of what I actually sound like in a face to face
>> onversation.
>> I still would like to have an eq in line to roll of a little bit more of
>> he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
>> In my opinion you're going to get the best audio from a microphone that
>> is
>> oing to give you the flatest response possible without rolling off too
>> uch on the bottom without adding too much at the top and you setting up
>> an
>> qualizer in between the radio and the microphone to buy just for clarity,
>> resents, and the brilliance of how you actually sound.
>> I'm also gonna stand firm in saying that the compression the radio offers
>> s okay but it is always going to be better even to have an external
>> ompressor in line before getting to the radio and using that vs the
>> rocessor it it comes with the radio.
>> To recapitulate everything that has been stated:
>> 1. Everybody can agree that's what gets them the dx works for them.
>> 2. Everybody is not going to agree with the choice of microphone
>> 3. There are more than enough opinions, theories, and practical examples
>> on
>> his thread that people who are looking for a solution can try and see
>> what
>> orks for them.

>> 4. I think everybody can agree that eqing does not cause splattering, bad
>> perating habbits do
>> 5. All of our Kenwood radios are the best radios ever made on the planet!
>> Keon ke3hay
>> n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:
>> > **
>>
>> The topic id the TS-850 and essb. To me, this fits right into the groups
>> subject matter. I'd like to hear more of what people have to say.
>>
>> Find your delete key.
>>
>> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:
>> >
>> > If you have a comment about a mic specific to the TS or TS 450/690 I'd
>> like to see it. If it is something more appropriate for an audiophile
>> forum, take it there. I recently left one of these groups because of
>> excessive off topic blather.
>> >
>> > Bob
>> > K%YB
>> >
>>
>> Non-text portions of this message have been removed]
>>
>> ------------------------------------
>> THANKS FOR USING TS-850_450_690@...! Groups Links
>> Individual Email | Traditional
>> http://docs.yahoo.com/info/terms/
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

THANKS FOR USING TS-850_450_690@...! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2112/4794 - Release Date: 02/07/12

[Non-text portions of this message have been removed]

11084. RE: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 22:57:22 UTC
From: greg andersen
Topic: 11066 Message: 11084

Would a TS-850 transmitting with a 6 or 12kc filter on ssb, actually be doing double side band, suppressed carrier?
Greg

From: macklinbob@...
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Mic Stuff
Date: Tue, 7 Feb 2012 13:23:03 -0700

I was just looking at the DSPs at HRO. All they have are receiver post processors.

Are there any microphone speech compressors available anywhere?

DSPs are nice since they can be reconfigured without component changes.

Both input processing (mic) and output (spkr) processing could be done in a PC.

What Kenwood radios have built in speech processing?

Bob Macklin

K5MYJ

Seattle, Wa.

"Real Radios Glow In The Dark"

----- Original Message -----

From: Keon KE3HAY

To: TS-850_450_690@yahoogroups.com

Sent: Tuesday, February 07, 2012 11:07 AM

Subject: RE: [TS-850_450_690] Re: Mic Stuff

IN deed. Then you would run into guys that have too much compression and

then you would rather them have 1.5KW than a compressor.

-----Original Message-----

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

On Behalf Of Bob Macklin

Sent: Tuesday, February 07, 2012 2:05 PM

To: TS-850_450_690@yahoogroups.com

Subject: Re: [TS-850_450_690] Re: Mic Stuff

I am just getting familiar wit the Kenwood HF radios. Some seem to have TOO MANY features!

There is nothing new about speech compression. Just how it is generated.

I have a TS-520 which does not have any of this stuff. So an external box would be required.

People should know that a speech compressor can be more cost effective than adding a linear amplifier. A 25W SSB transmitter can be made to sound like a 100W SSB transmitter. It's done by just increasing the average power level.

Bob Macklin

K5MYJ

Seattle, Wa.

"Real Radios Glow In The Dark"

----- Original Message -----

From: "Keon Hayes" <ke3hay@...>

To: <TS-850_450_690@yahoogroups.com>

Sent: Tuesday, February 07, 2012 10:43 AM

Subject: Re: [TS-850_450_690] Re: Mic Stuff

> Bob

>

> In theory that is exactly what compression does. It takes the peeks,

> compresses them down and what you get is the meat of the audio suppressing

> the harmonics.

>

> The processor or the compressor on the ts 850 is a marginal at best when

> you are truly trying to get the effects of compression.

>

> The processor on the radio is trying to imitate a compressor which takes

> the most signal in the smallest bandwith thus making your signal louder

> and

> punchy. That is the point of it but that doesn't necessarily mean that it

> improves anything. My point is with that radio it is better to run an

> external compressor than to use the radio built in processor because the

> external compressor is gonna do a much better job because that is what is

> designed to do - not 900 other different things.

> On Feb 7, 2012 1:25 PM, "Bob Macklin" <macklinbob@...> wrote:

>

>> **

>>

>>

>> I don't know what radio you are referring to.

>>

>> But, for communications quality voice what is needed is simply a

>> clipper/filter system.

>>

>> By clipping the voice peaks you can generate a stronger voice signal

>> without over driving the amplifier. The filter is there just to remove

>> the

>> excess harmonics created by clipping.

>>

>> I first saw this technique use in the 50's when AM was the predominant

>> mode for voice.

>>

>> If you want HiFi that is a different problem.

>>

>> Bob Macklin

>> K5MYJ

>> Seattle, Wa.

>> "Real Radios Glow In The Dark"

>>

>> ----- Original Message -----

>> From: Daniel Raney

>> To: TS-850_450_690@yahoogroups.com

>> Sent: Tuesday, February 07, 2012 9:30 AM

>> Subject: Re: [TS-850_450_690] Re: Mic Stuff

>>

>> Well said, Keon.................

>>

>> Dan

>>

>> -----Original Message-----

>> From: Keon Hayes <ke3hay@...>

>> To: TS-850_450_690 <TS-850_450_690@...m>

>> Sent: Tue, Feb 7, 2012 7:48 am

>> Subject: Re: [TS-850_450_690] Re: Mic Stuff

>>

>> Kurt ill get on your rescue boat and grab the other oar.

>> Folks who claim this isn't about the radio need to read from the Top of

>> the

>> hread ...

>> Adding to all this thread, yesterday I used a Heil goldline element on

>> the

>> ir and to me it distorted the characteristics of my voice on the air. Off

>> he bat I noticed you had way too much bass. The recording that I got back

>> rom a friend in connecticut was not what I expected to hear on the other

>> ide. I've been switched over to the g m 5 elements in what I heard was a

>> loser representation of my voice however it made me sound tinny.

>> Now I am not sure if there is audio adjustment somewhere in the hidden
>> enus of the ts 850 however when I put the sennheiser microphone on (e835)
>> hat I got was a much smoother audio, much more pleasing audio an a true
>> epresentation of what I actually sound like in a face to face
>> onversation.
>> I still would like to have an eq in line to roll of a little bit more of
>> he low end and maybe add some sparkle boosting the 12 13 and 15 kH.
>> In my opinion you're going to get the best audio from a microphone that
>> is
>> oing to give you the flatest response possible without rolling off too
>> uch on the bottom without adding too much at the top and you setting up
>> an
>> qualizer in between the radio and the microphone to buy just for clarity,
>> resents, and the brilliance of how you actually sound.
>> I'm also gonna stand firm in saying that the compression the radio offers
>> s okay but it is always going to be better even to have an external
>> ompressor in line before getting to the radio and using that vs the
>> rocessor it it comes with the radio.
>> To recapitulate everything that has been stated:
>> 1. Everybody can agree that's what gets them the dx works for them.
>> 2. Everybody is not going to agree with the choice of microphone
>> 3. There are more than enough opinions, theories, and practical examples
>> on
>> his thread that people who are looking for a solution can try and see
>> what
>> orks for them.
>> 4. I think everybody can agree that eqing does not cause splattering, bad
>> perating habbits do
>> 5. All of our Kenwood radios are the best radios ever made on the planet!

>> Keon ke3hay

>> n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:

>> > **

>>

>> The topic id the TS-850 and essb. To me, this fits right into the groups

>> subject matter. I'd like to hear more of what people have to say.

>>

>> Find your delete key.

>>

>> --- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:

>> >

>> > If you have a comment about a mic specific to the TS or TS 450/690 I'd

>> like to see it. If it is something more appropriate for an audiophile

>> forum, take it there. I recently left one of these groups because of

>> excessive off topic blather.

>> >

>> > Bob

>> > K%YB

>> >

>>

>> Non-text portions of this message have been removed]

>>

>> ------------------------------------

>> THANKS FOR USING TS-850_450_690@...! Groups Links

>> Individual Email | Traditional

>> http://docs.yahoo.com/info/terms/

>>

>> [Non-text portions of this message have been removed]

>>

>> [Non-text portions of this message have been removed]

>>

>>

>>

>

>

> [Non-text portions of this message have been removed]

>

>

>

> ------------------------------------

>

> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

>

>

>

>

THANKS FOR USING TS-850_450_690@...! Groups Links

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2012.0.1913 / Virus Database: 2112/4794 - Release Date: 02/07/12

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11085. RE: [TS-850_450_690] Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-07 22:53:51 UTC
From: greg andersen
Topic: 11066 Message: 11085

Nothing wrong that I'm aware of. Just quantifying the difference between using the DSP-100, and not.
I'm using a Behringer 9024 as a compressor, and having no issue's.

73's
greg

From: macklinbob@...
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: Mic Stuff
Date: Tue, 7 Feb 2012 11:57:54 -0700

What's wrong with limiting the transmitter to 2.7KHz?

Bob Macklin

K5MYJ

Seattle, Wa.

"Real Radios Glow In The Dark"

----- Original Message -----

From: greg andersen

To: ts-850_450_690@yahoogroups.com

Sent: Tuesday, February 07, 2012 10:30 AM

Subject: RE: [TS-850_450_690] Re: Mic Stuff

I purchased a TS-850 Friday, and I am in love.It does everything I want, and when I want it to. Great audio reports over the weekend on SSB.

Trying to line up a DSP-100, but from what I've seen on pricing, it would cost me as much as I paid for the radio.

The great audio reports were with the stock hand microphone. I will be trying some front end processing as soon as I make an 8 pin cable. I've had pretty good results with an old audio technica ST90 microphone. It seems to match my voice pretty well.

One question though, without the DSP-100, the radio is limited on SSB to 2.7khz on the transmit, correct?

best regards,

Greg

To: TS-850_450_690@yahoogroups.com

From: fyrmandan@...

Date: Tue, 7 Feb 2012 12:30:02 -0500

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Well said, Keon..................

Dan

-----Original Message-----

From: Keon Hayes <ke3hay@...>

To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>

Sent: Tue, Feb 7, 2012 7:48 am

Subject: Re: [TS-850_450_690] Re: Mic Stuff

Kurt ill get on your rescue boat and grab the other oar.

Folks who claim this isn't about the radio need to read from the Top of the

hread ...

Adding to all this thread, yesterday I used a Heil goldline element on the

ir and to me it distorted the characteristics of my voice on the air. Off

he bat I noticed you had way too much bass. The recording that I got back

rom a friend in connecticut was not what I expected to hear on the other

ide. I've been switched over to the g m 5 elements in what I heard was a

loser representation of my voice however it made me sound tinny.

Now I am not sure if there is audio adjustment somewhere in the hidden

enus of the ts 850 however when I put the sennheiser microphone on (e835)

hat I got was a much smoother audio, much more pleasing audio an a true

epresentation of what I actually sound like in a face to face

onversation.

I still would like to have an eq in line to roll of a little bit more of

he low end and maybe add some sparkle boosting the 12 13 and 15 kH.

In my opinion you're going to get the best audio from a microphone that is

oing to give you the flatest response possible without rolling off too

uch on the bottom without adding too much at the top and you setting up an

qualizer in between the radio and the microphone to buy just for clarity,

resents, and the brilliance of how you actually sound.

I'm also gonna stand firm in saying that the compression the radio offers

s okay but it is always going to be better even to have an external

ompressor in line before getting to the radio and using that vs the

rocessor it it comes with the radio.

To recapitulate everything that has been stated:

1. Everybody can agree that's what gets them the dx works for them.

2. Everybody is not going to agree with the choice of microphone

3. There are more than enough opinions, theories, and practical examples on

his thread that people who are looking for a solution can try and see what

orks for them.

4. I think everybody can agree that eqing does not cause splattering, bad

perating habbits do

5. All of our Kenwood radios are the best radios ever made on the planet!

Keon ke3hay

n Feb 7, 2012 8:44 AM, "Kurt Cathcart" <kurt@...> wrote:

> **

The topic id the TS-850 and essb. To me, this fits right into the groups

subject matter. I'd like to hear more of what people have to say.

Find your delete key.

--- In TS-850_450_690@yahoogroups.com, "Bob Richie" <bob.k5yb@...> wrote:

>

> If you have a comment about a mic specific to the TS or TS 450/690 I'd

like to see it. If it is something more appropriate for an audiophile

forum, take it there. I recently left one of these groups because of

excessive off topic blather.

>

> Bob

> K%YB

>

Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

Individual Email | Traditional

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11087. Re: [TS-850_450_690] PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 05:40:16 UTC
From: Tom Osborne
Topic: 11086 Message: 11087

HI Dave

How to you have the audio going into the radio?

I think the JT-65 and hamscope use AFSK so the radio will have to be in USB, not FSK. You will need an interface between the sound card and the audio input of the radio. I was looking at the schematic on his website and there are actually 2 of them. One of them uses the serial port to key the radio and the other one uses an interface to the sound card.

You can go to this page:

http://www.search-document.com/pdf/2/8/psk-31.html

Scroll down and it shows how to make an interface. They are pretty simple, just a couple of small audio transformers and a few parts. 73
Tom W7WHY

Hello all,

I have a ts450sat and put together a sound card interface by following the k6aix instructions available on the web. PTT works fine when plugged into the db9 port behind the desktop computer, not at all using the converter cable. I have tried setting port speeds to 4800/8/2/n etc.
The part# of the converter is ftdi UC232R-10. I gotta be missing something here. Tried on laptop, same deal. JT65-HF and hamscope, same deal. Any ideas are very much appreciated.

Thanks for listening,

Dave
KO6FU

11088. Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 06:04:00 UTC
From: short2ground@pacbell.net
Topic: 11086 Message: 11088

Hi Tom,

Thanks for the quick response. The audio is fed through the box from pin 3 of the 13 pos din to the mic in on computer. Audio from the computer is going through the box to pin 11 on din. PTT is going from pin 7 (rts) and pin 5 (gnd) on db9. all works fine except when I try to use the usb to serial converter.

Thanks again,

Dave

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI Dave
>
> How to you have the audio going into the radio?
>
> I think the JT-65 and hamscope use AFSK so the radio will have to be in USB,
> not FSK. You will need an interface between the sound card and the audio
> input of the radio. I was looking at the schematic on his website and there
> are actually 2 of them. One of them uses the serial port to key the radio
> and the other one uses an interface to the sound card.
>
> You can go to this page:
>
> http://www.search-document.com/pdf/2/8/psk-31.html
>
> Scroll down and it shows how to make an interface. They are pretty simple,
> just a couple of small audio transformers and a few parts. 73
> Tom W7WHY

11089. Re: Mic Stuff

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 11:12:54 UTC
From: Jim
Topic: 11066 Message: 11089

Delete... :-). Yawn

Sent from my iPad

11090. Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 08:26:47 UTC
From: Joop!
Topic: 11086 Message: 11090

Hi Dave and all others,

Don't bother about the homemade hardware, it works.
Problem in most circumstances is software.
For instance... you are sure knowing what (virtual) comport your ftdi chipset is generating? I assume that it is also set in your program?
Sometimes you have to search for better/different drivers for the chipsets, there is a lot going on about chipset drivers and hamradio, especially when using baud rates below 9600.

If you're using the (virtual)comport only for switching ptt, you might as well use 1200-8-n-1...works for me switching my ft-7800e.

I wasn?t familiar with the website from K6AIX, but it sure is a nice one!
So this reflector always works 2-ways!

I hope this helped..

Joop Schalkwijk / PD2JAM.

11091. Re: [TS-850_450_690] Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 14:58:14 UTC
From: Bob Macklin
Topic: 11086 Message: 11091

Where is the K6AIX website?

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"

----- Original Message -----
From: Joop!
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 08, 2012 12:26 AM
Subject: [TS-850_450_690] Re: PTT control using ftdi converter cable

Hi Dave and all others,

Don't bother about the homemade hardware, it works.
Problem in most circumstances is software.
For instance... you are sure knowing what (virtual) comport your ftdi chipset is generating? I assume that it is also set in your program?
Sometimes you have to search for better/different drivers for the chipsets, there is a lot going on about chipset drivers and hamradio, especially when using baud rates below 9600.

If you're using the (virtual)comport only for switching ptt, you might as well use 1200-8-n-1...works for me switching my ft-7800e.

I wasn´t familiar with the website from K6AIX, but it sure is a nice one!
So this reflector always works 2-ways!

I hope this helped..

Joop Schalkwijk / PD2JAM.

[Non-text portions of this message have been removed]

11092. Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 16:50:17 UTC
From: short2ground@pacbell.net
Topic: 11086 Message: 11092

```
--- In TS-850_450_690@yahoogroups.com, Bob Macklin <macklinbob@...> wrote:
>
> Where is the K6AIX website?
>
> Bob Macklin
> K5MYJ
> Seattle, Wa.
> "Real Radios Glow In The Dark"
>

http://www.cvarc.org/tech/psk-31_presentation_06.pdf
```

11093. Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 18:14:53 UTC
From: short2ground@pacbell.net
Topic: 11086 Message: 11093

Sorry, original message deleted in (my)error. I always tell non hams that hams are a very bright group of folks, and that I am the dumbest ham I know. Anyhow, here it is again.

Hello all,

I have a ts450sat and put together a sound card interface by following the k6aix instructions available on the web. PTT works fine when plugged into the db9 port behind the desktop computer, not at all using the converter cable. I have tried setting port speeds to 4800/8/2/n etc.
The part# of the converter is ftdi UC232R-10. I gotta be missing something here. Tried on laptop, same deal. JT65-HF and hamscope, same deal. Any ideas are very much appreciated.

Thanks for listening,

Dave
KO6FU

11094. Re: [TS-850_450_690] Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 18:36:57 UTC
From: Tom Osborne
Topic: 11086 Message: 11094

Hi Dave

I'm confused Dave :-)

You should use the USB converter with a serial cable. Are you doing that. The USB/serial should just be for PTT.

You need a 2nd box for audio. That goes directly from the 13 pin din to the audio interface, then to the computer. The audio box would route the tx/rx audio, but the USB/serial converter would do the PTT.

I use an interface here from Buxcomm, the RASCAL. It has the audio interface and the PTT functions all in 1 box a(actually FSK for RTTY). To use it on the laptop, I have to use a USB/serial converter.

I'm not really sure which box you are using as the site I looked at had 2 different ones, one for PTT and one for audio.

You might try putting the audio in through the mic jack and see what happens. You could also use VOX.

If you are going to be doing RTTY, FSK is the best way to go as when in the FSK position on the mode switch, you can use the CW filters. In AFSK you are stuck in the SSB bandwidth. 73
Tom W7WHY

Hi Tom,

Thanks for the quick response. The audio is fed through the box from pin 3 of the 13 pos din to the mic in on computer. Audio from the computer is going through the box to pin 11 on din. PTT is going from pin 7 (rts) and pin 5 (gnd) on db9. all works fine except when I try to use the usb to serial converter.

Thanks again,

Dave

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI Dave
>
> How to you have the audio going into the radio?
>
> I think the JT-65 and hamscope use AFSK so the radio will have to be in
> USB,
> not FSK. You will need an interface between the sound card and the audio
> input of the radio. I was looking at the schematic on his website and

> there
> are actually 2 of them. One of them uses the serial port to key the radio
> and the other one uses an interface to the sound card.
>
> You can go to this page:
>
> http://www.search-document.com/pdf/2/8/psk-31.html
>
> Scroll down and it shows how to make an interface. They are pretty simple,
> just a couple of small audio transformers and a few parts. 73
> Tom W7WHY

11095. Re[2]: [TS-850_450_690] Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 20:50:53 UTC
From: red
Topic: 11086 Message: 11095

I'm the "not quite so confused Dave" :-)

I recently built a similar interface for my 850.

As I understand it the serial to usb converter is very unlikely to produce an RTS signal at all, so
there will be no PTT signal. These converters normally only use Txd and Rxd lines.

If you do not use a "genuine" serial port for these interfaces you need to build a small circuit
which picks off a little of the transmit audio signal, amplifies and rectifies it, and then uses it for the PTT.
Mine contains 13 extra components for this purpose, including 2 transistors and an optocoupler.
If you do not do it this way, it gets very messy with multiple wires to the interface.

I was inspired to build mine after reading the excellent web page of G4ILO (search on google) and following some of his links.
Mine has a cheap "USB sound card" in the interface, 2 transformers and an optocoupler for isolation.
It also has a switch to break the "earth" path between radio and computer (I will ignore any complaints about switches in
earth lines) and a switch allowing permanent connection of two radios with easy change-over.

Dave G8SFU

********** REPLY SEPARATOR **********

On 08/02/2012 at 10:36 Tom Osborne wrote:

>Hi Dave
>
>I'm confused Dave :-)
>
>You should use the USB converter with a serial cable. Are you doing that.
>The USB/serial should just be for PTT.
>
>You need a 2nd box for audio. That goes directly from the 13 pin din to
>the
>audio interface, then to the computer. The audio box would route the
>tx/rx
>audio, but the USB/serial converter would do the PTT.
>
>I use an interface here from Buxcomm, the RASCAL. It has the audio
>interface and the PTT functions all in 1 box a(actually FSK for RTTY). To
>use it on the laptop, I have to use a USB/serial converter.

>
>I'm not really sure which box you are using as the site I looked at had 2
>different ones, one for PTT and one for audio.
>
>You might try putting the audio in through the mic jack and see what
>happens. You could also use VOX.
>
>If you are going to be doing RTTY, FSK is the best way to go as when in
>the
>FSK position on the mode switch, you can use the CW filters. In AFSK you
>are stuck in the SSB bandwidth. 73
>Tom W7WHY
>
>
>
>Hi Tom,
>
>Thanks for the quick response. The audio is fed through the box from pin 3
>of the 13 pos din to the mic in on computer. Audio from the computer is
>going through the box to pin 11 on din. PTT is going from pin 7 (rts) and
>pin 5 (gnd) on db9. all works fine except when I try to use the usb to
>serial converter.
>
>Thanks again,
>
>Dave
>
>--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>> HI Dave
>>
>> How to you have the audio going into the radio?
>>
>> I think the JT-65 and hamscope use AFSK so the radio will have to be in
>> USB,
>> not FSK. You will need an interface between the sound card and the audio
>> input of the radio. I was looking at the schematic on his website and
>> there
>> are actually 2 of them. One of them uses the serial port to key the radio
>> and the other one uses an interface to the sound card.
>>
>> You can go to this page:
>>
>> http://www.search-document.com/pdf/2/8/psk-31.html
>>
>> Scroll down and it shows how to make an interface. They are pretty
>simple,
>> just a couple of small audio transformers and a few parts. 73
>> Tom W7WHY
>

>
>
>
>
>
>
>----------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

11096. Re: Re[2]: [TS-850_450_690] Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 21:10:51 UTC
From: Bob Macklin
Topic: 11096 Message: 11096

I have two FTDI USB to serial converters. One is a USB/DB-9 dongle. The other is a FTDI USB serial module(from Mouser).

Both work very well. All the handshake signals work mostly as expected.

The one exception is if you try and set then clear a line too fast nothing happens.

I tried using one for bit banging programming interface. Wit some effort I was able to make it work.

I have been using these devices for several years using the handshaking interface and they do work in that mode.

Bob Macklin
K5MYJ
Seattle, Wa.
"Real Radios Glow In The Dark"
----- Original Message -----
From: red
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 08, 2012 12:50 PM
Subject: Re[2]: [TS-850_450_690] Re: PTT control using ftdi converter cable

I'm the "not quite so confused Dave" :-)

I recently built a similar interface for my 850.

As I understand it the serial to usb converter is very unlikely to produce an RTS signal at all, so
there will be no PTT signal. These converters normally only use Txd and Rxd lines.

If you do not use a "genuine" serial port for these interfaces you need to build a small circuit
which picks off a little of the transmit audio signal, amplifies and rectifies it, and then uses it for the PTT.
Mine contains 13 extra components for this purpose, including 2 transistors and an optocoupler.
If you do not do it this way, it gets very messy with multiple wires to the interface.

I was inspired to build mine after reading the excellent web page of G4ILO (search on google) and following some of his links.
Mine has a cheap "USB sound card" in the interface, 2 transformers and an optocoupler for isolation.
It also has a switch to break the "earth" path between radio and computer (I will ignore any complaints about switches in
earth lines) and a switch allowing permanent connection of two radios with easy change-over.

Dave G8SFU

********** REPLY SEPARATOR **********

On 08/02/2012 at 10:36 Tom Osborne wrote:

>Hi Dave
>
>I'm confused Dave :-)
>
>You should use the USB converter with a serial cable. Are you doing that.
>The USB/serial should just be for PTT.
>
>You need a 2nd box for audio. That goes directly from the 13 pin din to
>the
>audio interface, then to the computer. The audio box would route the
>tx/rx
>audio, but the USB/serial converter would do the PTT.
>
>I use an interface here from Buxcomm, the RASCAL. It has the audio
>interface and the PTT functions all in 1 box a(actually FSK for RTTY). To
>use it on the laptop, I have to use a USB/serial converter.
>
>I'm not really sure which box you are using as the site I looked at had 2
>different ones, one for PTT and one for audio.
>
>You might try putting the audio in through the mic jack and see what
>happens. You could also use VOX.
>
>If you are going to be doing RTTY, FSK is the best way to go as when in
>the
>FSK position on the mode switch, you can use the CW filters. In AFSK you
>are stuck in the SSB bandwidth. 73
>Tom W7WHY
>
>
>
>Hi Tom,
>
>Thanks for the quick response. The audio is fed through the box from pin 3
>of the 13 pos din to the mic in on computer. Audio from the computer is
>going through the box to pin 11 on din. PTT is going from pin 7 (rts) and
>pin 5 (gnd) on db9. all works fine except when I try to use the usb to
>serial converter.
>
>Thanks again,
>
>Dave
>
>--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>>
>> HI Dave

>>
>> How to you have the audio going into the radio?
>>
>> I think the JT-65 and hamscope use AFSK so the radio will have to be in
>> USB,
>> not FSK. You will need an interface between the sound card and the audio
>> input of the radio. I was looking at the schematic on his website and
>> there
>> are actually 2 of them. One of them uses the serial port to key the radio
>> and the other one uses an interface to the sound card.
>>
>> You can go to this page:
>>
>> http://www.search-document.com/pdf/2/8/psk-31.html
>>
>> Scroll down and it shows how to make an interface. They are pretty
>simple,
>> just a couple of small audio transformers and a few parts. 73
>> Tom W7WHY
>
>
>
>
>
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11097. [TS-850_450_690] Re: PTT control using ftdi converter cable

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-08 21:47:21 UTC
From: short2ground@pacbell.net
Topic: 11096 Message: 11097

Tom,

Some of the construction steps didn't seem to jive well with the diagrams on the k6aix document, but I did get it to work very well using the "genuine" db9 port. It seems the converter or my software setting are not so bueno.

Red,

Thanks for that input, I was hoping the converter was all that I needed. :(

Bob, Now I'm back at square one. I would like for mine to work also but maybe this is the excuse I need to go buy a ts590s!

You guys are GREAT! Thanks for helping me out here and I haven't given up yet.

11098. TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 04:22:39 UTC
From: John Parker
Topic: 11098 Message: 11098

Aloha Everyone,

I purchased a TS-850 SAT from the bay.

Serial Number 50800147

It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz

It looks like there are two sockets for two additional filters.

My questions:

Question 1:
I know that there are issues with the chips on the CAR? Board and that at some point Kenwood replaced them with different types.

Does anyone know if my serial number is safe? I guess it would be smart to look at the chips, but I honestly don't know where they are located.

Question 2:

Since I have this filter installed, what would be the best recommendation for other filters or replacement of the currently installed filter?

My plan is to have two TS-850s.

One designated for CW/Digital Modes and the other I will want to modify into the voodoo ESSB as I have two DSP-100s, one for each application.

The one I own currently will be for CW only any maybe some hf digital modes.

The second one I will want to modify the 850 and the dsp-100 for ESSB.

Any thoughts or ideas?

73,

John WH6DQU

11099. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 16:11:04 UTC
From: Bob Naylor
Topic: 11098 Message: 11099

John, If I'm not mistaken that filter YK-88S-1 is a 2.1 filter. You say you have 2 slots for filters but the 850 has 3 spots for added filters so it looks like someone added that filter leaving you the 2 additional filter spots. Make sure the switch is on to activate that filter or it does nothing and the rig won't even select that position.You have a good serial number for your DDS chips.I know you will enjoy one of the best HF rigs ever made!73, Bob WE6C

--- On Wed, 2/8/12, John Parker <parkjv1@gmail.com> wrote:

From: John Parker <parkjv1@...>
Subject: [TS-850_450_690] TS-850 SAT Filters
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, February 8, 2012, 8:22 PM

Aloha Everyone,

I purchased a TS-850 SAT from the bay.

Serial Number 50800147

It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz

It looks like there are two sockets for two additional filters.

My questions:

Question 1:

I know that there are issues with the chips on the CAR? Board and that at

some point Kenwood replaced them with different types.

Does anyone know if my serial number is safe? I guess it would be smart to

look at the chips, but I honestly don't know where they are located.

Question 2:

Since I have this filter installed, what would be the best recommendation

for other filters or replacement of the currently installed filter?

My plan is to have two TS-850s.

One designated for CW/Digital Modes and the other I will want to modify into

the voodoo ESSB as I have two DSP-100s, one for each application.

The one I own currently will be for CW only any maybe some hf digital modes.

The second one I will want to modify the 850 and the dsp-100 for ESSB.

Any thoughts or ideas?

73,

John WH6DQU

[Non-text portions of this message have been removed]

11100. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 17:24:23 UTC
From: Tom Osborne
Topic: 11098 Message: 11100

Hi John

Which ever filter you decide on, you should check Inrad filters.

http://www.qth.com/inrad/

I use them here in my TS-450's. Much better than the Kenwood filters. I have a Kenwood 500 cycle filter in one of my '450's and I'd say it's closer too 700 cycles than 500. I have 1 Inrad 250 cycle filter which works really well on CW and RTTY. 73
Tom W7WHY

Aloha Everyone,

I purchased a TS-850 SAT from the bay.

Serial Number 50800147

It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz

It looks like there are two sockets for two additional filters.

My questions:

Question 1:
I know that there are issues with the chips on the CAR? Board and that at some point Kenwood replaced them with different types.

Does anyone know if my serial number is safe? I guess it would be smart to look at the chips, but I honestly don't know where they are located.

Question 2:

Since I have this filter installed, what would be the best recommendation for other filters or replacement of the currently installed filter?

My plan is to have two TS-850s.

One designated for CW/Digital Modes and the other I will want to modify into the voodoo ESSB as I have two DSP-100s, one for each application.

The one I own currently will be for CW only any maybe some hf digital modes.

The second one I will want to modify the 850 and the dsp-100 for ESSB.

Any thoughts or ideas?

73,

John WH6DQU

11101. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 17:06:12 UTC
From: John Parker
Topic: 11098 Message: 11101

Mahalo Nui Loa Bob!

I really like kenwood equipment!

73,

Johm WH6DQU

Sent from my iPhone

On Feb 9, 2012, at 6:11 AM, Bob Naylor <wotbob01@yahoo.com> wrote:

> John, If I'm not mistaken that filter YK-88S-1 is a 2.1 filter. You say you have 2 slots for filters but the 850 has 3 spots for added filters so it looks like someone added that filter leaving you the 2 additional filter spots. Make sure the switch is on to activate that filter or it does nothing and the rig won't even select that position.You have a good serial number for your DDS chips.I know you will enjoy one of the best HF rigs ever made!73, Bob WE6C
>
> --- On Wed, 2/8/12, John Parker <parkjv1@gmail.com> wrote:
>
> From: John Parker <parkjv1@...>
> Subject: [TS-850_450_690] TS-850 SAT Filters
> To: TS-850_450_690@yahoogroups.com
> Date: Wednesday, February 8, 2012, 8:22 PM
>
>
>
> Aloha Everyone,
>
> I purchased a TS-850 SAT from the bay.
>
> Serial Number 50800147
>
> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>
> It looks like there are two sockets for two additional filters.
>
> My questions:
>
> Question 1:
>
> I know that there are issues with the chips on the CAR? Board and that at
>
> some point Kenwood replaced them with different types.
>

> Does anyone know if my serial number is safe? I guess it would be smart to
>
> look at the chips, but I honestly don't know where they are located.
>
> Question 2:
>
> Since I have this filter installed, what would be the best recommendation
>
> for other filters or replacement of the currently installed filter?
>
> My plan is to have two TS-850s.
>
> One designated for CW/Digital Modes and the other I will want to modify into
>
> the voodoo ESSB as I have two DSP-100s, one for each application.
>
> The one I own currently will be for CW only any maybe some hf digital modes.
>
> The second one I will want to modify the 850 and the dsp-100 for ESSB.
>
> Any thoughts or ideas?
>
> 73,
>
> John WH6DQU
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11102. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 18:27:20 UTC
From: Keon Hayes
Topic: 11098 Message: 11102

Well, to be perfectly honest you may have the newest DDS chips. However, I dont think any Kenwood 850 was safe from leaking CAPs.

The 2.7 you have are the factory filters on the board that are standard with the 850. You have one on both sides - You should invest in an 1.8 and a roofing filter mod from Inrad.net. Start there - and ask questions. I have a 1.8 on the 8.83 and with various combinations I hear and isolate very well.

One small piece of advise, having two 850s unless you run a contest station is like having a wife and a girlfriend. The two will eventually PMS at the same time and the grief is best when you have one to deal with. Its not good to have two women running over you at the same exact time cause they will leave noticeable tire marks on you from the rear wheels of their menstrual cycle.

Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850 your asking for it. Want to have to of the same kind, have to Bud-Wise-ers - Thats a wise decision.

Welcome to the world of Kenwood.

On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:

> **
>
>
> Aloha Everyone,
>
> I purchased a TS-850 SAT from the bay.
>
> Serial Number 50800147
>
> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>
> It looks like there are two sockets for two additional filters.
>
> My questions:
>
> Question 1:
> I know that there are issues with the chips on the CAR? Board and that at
> some point Kenwood replaced them with different types.
>
> Does anyone know if my serial number is safe? I guess it would be smart to
> look at the chips, but I honestly don't know where they are located.
>

> Question 2:
>
> Since I have this filter installed, what would be the best recommendation
> for other filters or replacement of the currently installed filter?
>
> My plan is to have two TS-850s.
>
> One designated for CW/Digital Modes and the other I will want to modify
> into
> the voodoo ESSB as I have two DSP-100s, one for each application.
>
> The one I own currently will be for CW only any maybe some hf digital
> modes.
>
> The second one I will want to modify the 850 and the dsp-100 for ESSB.
>
> Any thoughts or ideas?
>
> 73,
>
> John WH6DQU
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

11103. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 20:10:27 UTC
From: John Parker
Topic: 11098 Message: 11103

Hi Keon,

I'll check out the inrad filters! Thanks for your insight! Having two of the same is probably asking for trouble.

73,

John WH6DQU

Sent from my iPhone

On Feb 9, 2012, at 8:27 AM, Keon Hayes <ke3hay@...> wrote:

> Well, to be perfectly honest you may have the newest DDS chips. However, I
> dont think any Kenwood 850 was safe from leaking CAPs.
>
> The 2.7 you have are the factory filters on the board that are standard
> with the 850. You have one on both sides - You should invest in an 1.8 and
> a roofing filter mod from Inrad.net. Start there - and ask questions. I
> have a 1.8 on the 8.83 and with various combinations I hear and isolate
> very well.
>
> One small piece of advise, having two 850s unless you run a contest station
> is like having a wife and a girlfriend. The two will eventually PMS at the
> same time and the grief is best when you have one to deal with. Its not
> good to have two women running over you at the same exact time cause they
> will leave noticeable tire marks on you from the rear wheels of their
> menstrual cycle.
>
> Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850
> your asking for it. Want to have to of the same kind, have to Bud-Wise-ers
> - Thats a wise decision.
>
> Welcome to the world of Kenwood.
>
>
> On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
>
>> **
>>
>>
>> Aloha Everyone,
>>
>> I purchased a TS-850 SAT from the bay.
>>
>> Serial Number 50800147

>>
>> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>>
>> It looks like there are two sockets for two additional filters.
>>
>> My questions:
>>
>> Question 1:
>> I know that there are issues with the chips on the CAR? Board and that at
>> some point Kenwood replaced them with different types.
>>
>> Does anyone know if my serial number is safe? I guess it would be smart to
>> look at the chips, but I honestly don't know where they are located.
>>
>> Question 2:
>>
>> Since I have this filter installed, what would be the best recommendation
>> for other filters or replacement of the currently installed filter?
>>
>> My plan is to have two TS-850s.
>>
>> One designated for CW/Digital Modes and the other I will want to modify
>> into
>> the voodoo ESSB as I have two DSP-100s, one for each application.
>>
>> The one I own currently will be for CW only any maybe some hf digital
>> modes.
>>
>> The second one I will want to modify the 850 and the dsp-100 for ESSB.
>>
>> Any thoughts or ideas?
>>
>> 73,
>>
>> John WH6DQU
>>
>>
>>
>
>
>
> --
> Keon, KE3HAY
> Wanna Hear DX? Buy a TenTec!
>
>
> [Non-text portions of this message have been removed]
>
>
>

> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
>
>
>

11104. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 20:12:35 UTC
From: John Parker
Topic: 11098 Message: 11104

Thanks Tom!

I'm kicking myself for getting rid of my mint ts-450!

Live and learn!

73,

John WH6DQU

Sent from my iPhone

On Feb 9, 2012, at 7:24 AM, "Tom Osborne" <w7why@...> wrote:

> Hi John
>
> Which ever filter you decide on, you should check Inrad filters.
>
> http://www.qth.com/inrad/
>
> I use them here in my TS-450's. Much better than the Kenwood filters. I
> have a Kenwood 500 cycle filter in one of my '450's and I'd say it's closer
> too 700 cycles than 500. I have 1 Inrad 250 cycle filter which works really
> well on CW and RTTY. 73
> Tom W7WHY
>
> Aloha Everyone,
>
> I purchased a TS-850 SAT from the bay.
>
> Serial Number 50800147
>
> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>
> It looks like there are two sockets for two additional filters.
>
> My questions:
>
> Question 1:
> I know that there are issues with the chips on the CAR? Board and that at
> some point Kenwood replaced them with different types.
>
> Does anyone know if my serial number is safe? I guess it would be smart to
> look at the chips, but I honestly don't know where they are located.
>
> Question 2:
>

> Since I have this filter installed, what would be the best recommendation
> for other filters or replacement of the currently installed filter?
>
> My plan is to have two TS-850s.
>
> One designated for CW/Digital Modes and the other I will want to modify into
> the voodoo ESSB as I have two DSP-100s, one for each application.
>
> The one I own currently will be for CW only any maybe some hf digital modes.
>
> The second one I will want to modify the 850 and the dsp-100 for ESSB.
>
> Any thoughts or ideas?
>
> 73,
>
> John WH6DQU
>
>

[Non-text portions of this message have been removed]

11105. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 21:33:40 UTC
From: Keon Hayes
Topic: 11098 Message: 11105

Well, not really trouble but a pain in the butt yes.

On Thu, Feb 9, 2012 at 3:10 PM, John Parker <parkjv1@...> wrote:

> **
>
>
> Hi Keon,
>
> I'll check out the inrad filters! Thanks for your insight! Having two of
> the same is probably asking for trouble.
>
> 73,
>
> John WH6DQU
>
> Sent from my iPhone
>
>
> On Feb 9, 2012, at 8:27 AM, Keon Hayes <ke3hay@...m> wrote:
>
> > Well, to be perfectly honest you may have the newest DDS chips. However,
> I
> > dont think any Kenwood 850 was safe from leaking CAPs.
> >
> > The 2.7 you have are the factory filters on the board that are standard
> > with the 850. You have one on both sides - You should invest in an 1.8
> and
> > a roofing filter mod from Inrad.net. Start there - and ask questions. I
> > have a 1.8 on the 8.83 and with various combinations I hear and isolate
> > very well.
> >
> > One small piece of advise, having two 850s unless you run a contest
> station
> > is like having a wife and a girlfriend. The two will eventually PMS at
> the
> > same time and the grief is best when you have one to deal with. Its not
> > good to have two women running over you at the same exact time cause they
> > will leave noticeable tire marks on you from the rear wheels of their
> > menstrual cycle.
> >
> > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850
> > your asking for it. Want to have to of the same kind, have to
> Bud-Wise-ers
> > - Thats a wise decision.

> >
> > Welcome to the world of Kenwood.
> >
> >
> > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@gmail.com> wrote:
> >
> >> **
>
> >>
> >>
> >> Aloha Everyone,
> >>
> >> I purchased a TS-850 SAT from the bay.
> >>
> >> Serial Number 50800147
> >>
> >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
> >>
> >> It looks like there are two sockets for two additional filters.
> >>
> >> My questions:
> >>
> >> Question 1:
> >> I know that there are issues with the chips on the CAR? Board and that
> at
> >> some point Kenwood replaced them with different types.
> >>
> >> Does anyone know if my serial number is safe? I guess it would be smart
> to
> >> look at the chips, but I honestly don't know where they are located.
> >>
> >> Question 2:
> >>
> >> Since I have this filter installed, what would be the best
> recommendation
> >> for other filters or replacement of the currently installed filter?
> >>
> >> My plan is to have two TS-850s.
> >>
> >> One designated for CW/Digital Modes and the other I will want to modify
> >> into
> >> the voodoo ESSB as I have two DSP-100s, one for each application.
> >>
> >> The one I own currently will be for CW only any maybe some hf digital
> >> modes.
> >>
> >> The second one I will want to modify the 850 and the dsp-100 for ESSB.
> >>
> >> Any thoughts or ideas?
> >>

> >> 73,
> >>
> >> John WH6DQU
> >>
> >>
> >>
> >
> >
> >
> > --
> > Keon, KE3HAY
> > Wanna Hear DX? Buy a TenTec!
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

11106. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 21:37:44 UTC
From: Jordan
Topic: 11098 Message: 11106

John...you might also want to look at an LP-Pan set-up using the IF output from your 850...works very very well...!

73...Jordan VE6ZT

----- Original Message -----
From: John Parker
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 09, 2012 1:10 PM
Subject: Re: [TS-850_450_690] TS-850 SAT Filters

Hi Keon,

I'll check out the inrad filters! Thanks for your insight! Having two of the same is probably asking for trouble.

73,

John WH6DQU

Sent from my iPhone

On Feb 9, 2012, at 8:27 AM, Keon Hayes <ke3hay@...> wrote:

> Well, to be perfectly honest you may have the newest DDS chips. However, I
> dont think any Kenwood 850 was safe from leaking CAPs.
>
> The 2.7 you have are the factory filters on the board that are standard
> with the 850. You have one on both sides - You should invest in an 1.8 and
> a roofing filter mod from Inrad.net. Start there - and ask questions. I
> have a 1.8 on the 8.83 and with various combinations I hear and isolate
> very well.
>
> One small piece of advise, having two 850s unless you run a contest station
> is like having a wife and a girlfriend. The two will eventually PMS at the
> same time and the grief is best when you have one to deal with. Its not
> good to have two women running over you at the same exact time cause they
> will leave noticeable tire marks on you from the rear wheels of their
> menstrual cycle.
>
> Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850
> your asking for it. Want to have to of the same kind, have to Bud-Wise-ers
> - Thats a wise decision.
>
> Welcome to the world of Kenwood.
>
>

> On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
>
>> **
>>
>>
>> Aloha Everyone,
>>
>> I purchased a TS-850 SAT from the bay.
>>
>> Serial Number 50800147
>>
>> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>>
>> It looks like there are two sockets for two additional filters.
>>
>> My questions:
>>
>> Question 1:
>> I know that there are issues with the chips on the CAR? Board and that at
>> some point Kenwood replaced them with different types.
>>
>> Does anyone know if my serial number is safe? I guess it would be smart to
>> look at the chips, but I honestly don't know where they are located.
>>
>> Question 2:
>>
>> Since I have this filter installed, what would be the best recommendation
>> for other filters or replacement of the currently installed filter?
>>
>> My plan is to have two TS-850s.
>>
>> One designated for CW/Digital Modes and the other I will want to modify
>> into
>> the voodoo ESSB as I have two DSP-100s, one for each application.
>>
>> The one I own currently will be for CW only any maybe some hf digital
>> modes.
>>
>> The second one I will want to modify the 850 and the dsp-100 for ESSB.
>>
>> Any thoughts or ideas?
>>
>> 73,
>>
>> John WH6DQU
>>
>>
>>
>
>

>
> --
> Keon, KE3HAY
> Wanna Hear DX? Buy a TenTec!
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11107. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 22:06:40 UTC
From: John Parker
Topic: 11098 Message: 11107

Hi Jordan,

I've read about the lp-pan.

I have an sm-220 and Sm-230

Would't either one of those do the same thing?

73,

John WH6DQU

Sent from my iPhone

On Feb 9, 2012, at 11:37 AM, "Jordan" <Outposter30@...> wrote:

> John...you might also want to look at an LP-Pan set-up using the IF output from your 850...works very very well...!
>
> 73...Jordan VE6ZT
>
> ----- Original Message -----
> From: John Parker
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, February 09, 2012 1:10 PM
> Subject: Re: [TS-850_450_690] TS-850 SAT Filters
>
> Hi Keon,
>
> I'll check out the inrad filters! Thanks for your insight! Having two of the same is probably asking for trouble.
>
> 73,
>
> John WH6DQU
>
> Sent from my iPhone
>
> On Feb 9, 2012, at 8:27 AM, Keon Hayes <ke3hay@...> wrote:
>
> > Well, to be perfectly honest you may have the newest DDS chips. However, I
> > dont think any Kenwood 850 was safe from leaking CAPs.
> >
> > The 2.7 you have are the factory filters on the board that are standard
> > with the 850. You have one on both sides - You should invest in an 1.8 and
> > a roofing filter mod from Inrad.net. Start there - and ask questions. I
> > have a 1.8 on the 8.83 and with various combinations I hear and isolate

> > very well.
> >
> > One small piece of advise, having two 850s unless you run a contest station
> > is like having a wife and a girlfriend. The two will eventually PMS at the
> > same time and the grief is best when you have one to deal with. Its not
> > good to have two women running over you at the same exact time cause they
> > will leave noticeable tire marks on you from the rear wheels of their
> > menstrual cycle.
> >
> > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850
> > your asking for it. Want to have to of the same kind, have to Bud-Wise-ers
> > - Thats a wise decision.
> >
> > Welcome to the world of Kenwood.
> >
> >
> > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
> >
> >> **
> >>
> >>
> >> Aloha Everyone,
> >>
> >> I purchased a TS-850 SAT from the bay.
> >>
> >> Serial Number 50800147
> >>
> >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
> >>
> >> It looks like there are two sockets for two additional filters.
> >>
> >> My questions:
> >>
> >> Question 1:
> >> I know that there are issues with the chips on the CAR? Board and that at
> >> some point Kenwood replaced them with different types.
> >>
> >> Does anyone know if my serial number is safe? I guess it would be smart to
> >> look at the chips, but I honestly don't know where they are located.
> >>
> >> Question 2:
> >>
> >> Since I have this filter installed, what would be the best recommendation
> >> for other filters or replacement of the currently installed filter?
> >>
> >> My plan is to have two TS-850s.
> >>
> >> One designated for CW/Digital Modes and the other I will want to modify
> >> into
> >> the voodoo ESSB as I have two DSP-100s, one for each application.

> >>
> >> The one I own currently will be for CW only any maybe some hf digital
> >> modes.
> >>
> >> The second one I will want to modify the 850 and the dsp-100 for ESSB.
> >>
> >> Any thoughts or ideas?
> >>
> >> 73,
> >>
> >> John WH6DQU
> >>
> >>
> >>
> >
> >
> >
> > --
> > Keon, KE3HAY
> > Wanna Hear DX? Buy a TenTec!
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11108. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 22:30:21 UTC
From: condor@cox.net
Topic: 11098 Message: 11108

I used a SM-220 with my TS-850AT and had mixed feelings.

I like it at the time, because, I mean what else was there?? First reason I liked it was because of the trapezoid tuning for an amp -I was running a pair of 8877s in a Alpha 77SX at the time, and tuning was a breeze.

But in the panadaptor mode, the sweep on the right side of center frequency was 10 to 15 db down from the sweep on the left side - so it looked funny as you tuned down the band and a strong signal entered the left side of the scope and then went limp as you tuned past it.

On 2/9/2012 5:06 PM, John Parker wrote:
>
> Hi Jordan,
>
> I've read about the lp-pan.
>
> I have an sm-220 and Sm-230
>
> Would't either one of those do the same thing?
>
> 73,
>
> John WH6DQU
>
> Sent from my iPhone
>
> On Feb 9, 2012, at 11:37 AM, "Jordan" <Outposter30@...
> <mailto:Outposter30%40shaw.ca>> wrote:
>
> > John...you might also want to look at an LP-Pan set-up using the IF
> output from your 850...works very very well...!
> >
> > 73...Jordan VE6ZT
> >
> > ----- Original Message -----
> > From: John Parker
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > Sent: Thursday, February 09, 2012 1:10 PM
> > Subject: Re: [TS-850_450_690] TS-850 SAT Filters
> >
> > Hi Keon,
> >
> > I'll check out the inrad filters! Thanks for your insight! Having

> two of the same is probably asking for trouble.
> >
> > 73,
> >
> > John WH6DQU
> >
> > Sent from my iPhone
> >
> > On Feb 9, 2012, at 8:27 AM, Keon Hayes <ke3hay@...
> <mailto:ke3hay%40gmail.com>> wrote:
> >
> > > Well, to be perfectly honest you may have the newest DDS chips.
> However, I
> > > dont think any Kenwood 850 was safe from leaking CAPs.
> > >
> > > The 2.7 you have are the factory filters on the board that are
> standard
> > > with the 850. You have one on both sides - You should invest in an
> 1.8 and
> > > a roofing filter mod from Inrad.net. Start there - and ask
> questions. I
> > > have a 1.8 on the 8.83 and with various combinations I hear and
> isolate
> > > very well.
> > >
> > > One small piece of advise, having two 850s unless you run a
> contest station
> > > is like having a wife and a girlfriend. The two will eventually
> PMS at the
> > > same time and the grief is best when you have one to deal with.
> Its not
> > > good to have two women running over you at the same exact time
> cause they
> > > will leave noticeable tire marks on you from the rear wheels of their
> > > menstrual cycle.
> > >
> > > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but
> two 850
> > > your asking for it. Want to have to of the same kind, have to
> Bud-Wise-ers
> > > - Thats a wise decision.
> > >
> > > Welcome to the world of Kenwood.
> > >
> > >
> > > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...
> <mailto:parkjv1%40gmail.com>> wrote:
> > >
> > >> **
> > >>

> > >>
> > >> Aloha Everyone,
> > >>
> > >> I purchased a TS-850 SAT from the bay.
> > >>
> > >> Serial Number 50800147
> > >>
> > >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
> > >>
> > >> It looks like there are two sockets for two additional filters.
> > >>
> > >> My questions:
> > >>
> > >> Question 1:
> > >> I know that there are issues with the chips on the CAR? Board and
> that at
> > >> some point Kenwood replaced them with different types.
> > >>
> > >> Does anyone know if my serial number is safe? I guess it would be
> smart to
> > >> look at the chips, but I honestly don't know where they are located.
> > >>
> > >> Question 2:
> > >>
> > >> Since I have this filter installed, what would be the best
> recommendation
> > >> for other filters or replacement of the currently installed filter?
> > >>
> > >> My plan is to have two TS-850s.
> > >>
> > >> One designated for CW/Digital Modes and the other I will want to
> modify
> > >> into
> > >> the voodoo ESSB as I have two DSP-100s, one for each application.
> > >>
> > >> The one I own currently will be for CW only any maybe some hf digital
> > >> modes.
> > >>
> > >> The second one I will want to modify the 850 and the dsp-100 for
> ESSB.
> > >>
> > >> Any thoughts or ideas?
> > >>
> > >> 73,
> > >>
> > >> John WH6DQU
> > >>
> > >>
> > >>
> > >

> > >
> > >
> > > --
> > > Keon, KE3HAY
> > > Wanna Hear DX? Buy a TenTec!
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

11109. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 22:37:19 UTC
From: Jordan
Topic: 11098 Message: 11109

Look on Youtube for LP-Pan ts850....
a big step up from the SM station monitors...
And you can do much more with it....

73...VE6ZT

----- Original Message -----
From: <condor@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 09, 2012 3:30 PM
Subject: Re: [TS-850_450_690] TS-850 SAT Filters

>I used a SM-220 with my TS-850AT and had mixed feelings.
>
> I like it at the time, because, I mean what else was there?? First
> reason I liked it was because of the trapezoid tuning for an amp -I was
> running a pair of 8877s in a Alpha 77SX at the time, and tuning was a
> breeze.
>
> But in the panadaptor mode, the sweep on the right side of center
> frequency was 10 to 15 db down from the sweep on the left side - so it
> looked funny as you tuned down the band and a strong signal entered the
> left side of the scope and then went limp as you tuned past it.
>
> On 2/9/2012 5:06 PM, John Parker wrote:
>>
>> Hi Jordan,
>>
>> I've read about the lp-pan.
>>
>> I have an sm-220 and Sm-230
>>
>> Would't either one of those do the same thing?
>>
>> 73,
>>
>> John WH6DQU
>>
>> Sent from my iPhone
>>
>> On Feb 9, 2012, at 11:37 AM, "Jordan" <Outposter30@...
>> <mailto:Outposter30%40shaw.ca>> wrote:
>>
>> > John...you might also want to look at an LP-Pan set-up using the IF
>> output from your 850...works very very well...!
>> >

>> > 73...Jordan VE6ZT
>> >
>> > ----- Original Message -----
>> > From: John Parker
>> > To: TS-850_450_690@yahoogroups.com
>> <mailto:TS-850_450_690%40yahoogroups.com>
>> > Sent: Thursday, February 09, 2012 1:10 PM
>> > Subject: Re: [TS-850_450_690] TS-850 SAT Filters
>> >
>> > Hi Keon,
>> >
>> > I'll check out the inrad filters! Thanks for your insight! Having
>> two of the same is probably asking for trouble.
>> >
>> > 73,
>> >
>> > John WH6DQU
>> >
>> > Sent from my iPhone
>> >
>> > On Feb 9, 2012, at 8:27 AM, Keon Hayes <ke3hay@...
>> <mailto:ke3hay%40gmail.com>> wrote:
>> >
>> > > Well, to be perfectly honest you may have the newest DDS chips.
>> However, I
>> > > dont think any Kenwood 850 was safe from leaking CAPs.
>> > >
>> > > The 2.7 you have are the factory filters on the board that are
>> standard
>> > > with the 850. You have one on both sides - You should invest in an
>> 1.8 and
>> > > a roofing filter mod from Inrad.net. Start there - and ask
>> questions. I
>> > > have a 1.8 on the 8.83 and with various combinations I hear and
>> isolate
>> > > very well.
>> > >
>> > > One small piece of advise, having two 850s unless you run a
>> contest station
>> > > is like having a wife and a girlfriend. The two will eventually
>> PMS at the
>> > > same time and the grief is best when you have one to deal with.
>> Its not
>> > > good to have two women running over you at the same exact time
>> cause they
>> > > will leave noticeable tire marks on you from the rear wheels of their
>> > > menstrual cycle.
>> > >
>> > > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but
>> two 850

>> > > your asking for it. Want to have to of the same kind, have to
>> Bud-Wise-ers
>> > > - Thats a wise decision.
>> > >
>> > > Welcome to the world of Kenwood.
>> > >
>> > >
>> > > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...
>> <mailto:parkjv1%40gmail.com>> wrote:
>> > >
>> > >> **
>> > >>
>> > >>
>> > >> Aloha Everyone,
>> > >>
>> > >> I purchased a TS-850 SAT from the bay.
>> > >>
>> > >> Serial Number 50800147
>> > >>
>> > >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>> > >>
>> > >> It looks like there are two sockets for two additional filters.
>> > >>
>> > >> My questions:
>> > >>
>> > >> Question 1:
>> > >> I know that there are issues with the chips on the CAR? Board and
>> that at
>> > >> some point Kenwood replaced them with different types.
>> > >>
>> > >> Does anyone know if my serial number is safe? I guess it would be
>> smart to
>> > >> look at the chips, but I honestly don't know where they are located.
>> > >>
>> > >> Question 2:
>> > >>
>> > >> Since I have this filter installed, what would be the best
>> recommendation
>> > >> for other filters or replacement of the currently installed filter?
>> > >>
>> > >> My plan is to have two TS-850s.
>> > >>
>> > >> One designated for CW/Digital Modes and the other I will want to
>> modify
>> > >> into
>> > >> the voodoo ESSB as I have two DSP-100s, one for each application.
>> > >>
>> > >> The one I own currently will be for CW only any maybe some hf
>> > >> digital
>> > >> modes.

>> > >>
>> > >> The second one I will want to modify the 850 and the dsp-100 for
>> ESSB.
>> > >>
>> > >> Any thoughts or ideas?
>> > >>
>> > >> 73,
>> > >>
>> > >> John WH6DQU
>> > >>
>> > >>
>> > >>
>> > >
>> > >
>> > >
>> > > --
>> > > Keon, KE3HAY
>> > > Wanna Hear DX? Buy a TenTec!
>> > >
>> > >
>> > > [Non-text portions of this message have been removed]
>> > >
>> > >
>> > >
>> > > ------------------------------------
>> > >
>> > > THANKS FOR USING TS-850_450_690@...
>> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
>> > >
>> > >
>> > >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

11110. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-09 23:19:09 UTC
From: Crownhaven
Topic: 11098 Message: 11110

Check the description of your filter again. You should have room for three optional plug-in filters. It depends on what you are going to be doing with the radio regarding what filters you might want. If you are a contester, you might want a very narrow filter on CW. Personally, I think two 500 Hz Kenwood filters or even better, two INRAD 400 Hz filters are the best bet. I found the 250/270 filters too narrow for practical use. I have a 1.8 SSB filter YK-88SN-1 in the third slot. It does a pretty good job. I usually use it when I'm listening to CW signals and crank in the narrower ones as needed. Don't forget the radio has the slope tuning on both SSB and CW which works somewhat if you have no filters.

As far as the roofing filter, I think that requires a very high level of expertise to install.

Steve, N4JQQ

Keon Hayes wrote:
> Well, to be perfectly honest you may have the newest DDS chips. However, I
> dont think any Kenwood 850 was safe from leaking CAPs.
>
> The 2.7 you have are the factory filters on the board that are standard
> with the 850. You have one on both sides - You should invest in an 1.8 and
> a roofing filter mod from Inrad.net. Start there - and ask questions. I
> have a 1.8 on the 8.83 and with various combinations I hear and isolate
> very well.
>
> One small piece of advise, having two 850s unless you run a contest station
> is like having a wife and a girlfriend. The two will eventually PMS at the
> same time and the grief is best when you have one to deal with. Its not
> good to have two women running over you at the same exact time cause they
> will leave noticeable tire marks on you from the rear wheels of their
> menstrual cycle.
>
> Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850
> your asking for it. Want to have to of the same kind, have to Bud-Wise-ers
> - Thats a wise decision.
>
> Welcome to the world of Kenwood.
>
>
> On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
>
>
>> **
>>

>>
>> Aloha Everyone,
>>
>> I purchased a TS-850 SAT from the bay.
>>
>> Serial Number 50800147
>>
>> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
>>
>> It looks like there are two sockets for two additional filters.
>>
>> My questions:
>>
>> Question 1:
>> I know that there are issues with the chips on the CAR? Board and that at
>> some point Kenwood replaced them with different types.
>>
>> Does anyone know if my serial number is safe? I guess it would be smart to
>> look at the chips, but I honestly don't know where they are located.
>>
>> Question 2:
>>
>> Since I have this filter installed, what would be the best recommendation
>> for other filters or replacement of the currently installed filter?
>>
>> My plan is to have two TS-850s.
>>
>> One designated for CW/Digital Modes and the other I will want to modify
>> into
>> the voodoo ESSB as I have two DSP-100s, one for each application.
>>
>> The one I own currently will be for CW only any maybe some hf digital
>> modes.
>>
>> The second one I will want to modify the 850 and the dsp-100 for ESSB.
>>
>> Any thoughts or ideas?
>>
>> 73,
>>
>> John WH6DQU
>>
>>
>>
>>
>
>
>
>

11111. Re: [TS-850_450_690] TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-10 01:55:48 UTC
From: Keon Hayes
Topic: 11098 Message: 11111

There is only 2 plug in slots on an 850. Everything else is wire or solder.
On Feb 9, 2012 6:18 PM, "Crownhaven" <crownhaven@...> wrote:

> **
>
>
> Check the description of your filter again. You should have room for
> three optional plug-in filters. It depends on what you are going to be
> doing with the radio regarding what filters you might want. If you are
> a contester, you might want a very narrow filter on CW. Personally, I
> think two 500 Hz Kenwood filters or even better, two INRAD 400 Hz
> filters are the best bet. I found the 250/270 filters too narrow for
> practical use. I have a 1.8 SSB filter YK-88SN-1 in the third slot. It
> does a pretty good job. I usually use it when I'm listening to CW
> signals and crank in the narrower ones as needed. Don't forget the
> radio has the slope tuning on both SSB and CW which works somewhat if
> you have no filters.
>
> As far as the roofing filter, I think that requires a very high level of
> expertise to install.
>
> Steve, N4JQQ
>
> Keon Hayes wrote:
> > Well, to be perfectly honest you may have the newest DDS chips. However,
> I
> > dont think any Kenwood 850 was safe from leaking CAPs.
> >
> > The 2.7 you have are the factory filters on the board that are standard
> > with the 850. You have one on both sides - You should invest in an 1.8
> and
> > a roofing filter mod from Inrad.net. Start there - and ask questions. I
> > have a 1.8 on the 8.83 and with various combinations I hear and isolate
> > very well.
> >
> > One small piece of advise, having two 850s unless you run a contest
> station
> > is like having a wife and a girlfriend. The two will eventually PMS at
> the
> > same time and the grief is best when you have one to deal with. Its not
> > good to have two women running over you at the same exact time cause they
> > will leave noticeable tire marks on you from the rear wheels of their
> > menstrual cycle.
> >
> > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850

> > your asking for it. Want to have to of the same kind, have to
> Bud-Wise-ers
> > - Thats a wise decision.
> >
> > Welcome to the world of Kenwood.
> >
> >
> > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
> >
> >
> >> **
> >>
> >>
> >> Aloha Everyone,
> >>
> >> I purchased a TS-850 SAT from the bay.
> >>
> >> Serial Number 50800147
> >>
> >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
> >>
> >> It looks like there are two sockets for two additional filters.
> >>
> >> My questions:
> >>
> >> Question 1:
> >> I know that there are issues with the chips on the CAR? Board and that
> at
> >> some point Kenwood replaced them with different types.
> >>
> >> Does anyone know if my serial number is safe? I guess it would be smart
> to
> >> look at the chips, but I honestly don't know where they are located.
> >>
> >> Question 2:
> >>
> >> Since I have this filter installed, what would be the best
> recommendation
> >> for other filters or replacement of the currently installed filter?
> >>
> >> My plan is to have two TS-850s.
> >>
> >> One designated for CW/Digital Modes and the other I will want to modify
> >> into
> >> the voodoo ESSB as I have two DSP-100s, one for each application.
> >>
> >> The one I own currently will be for CW only any maybe some hf digital
> >> modes.
> >>
> >> The second one I will want to modify the 850 and the dsp-100 for ESSB.

> >>
> >> Any thoughts or ideas?
> >>
> >> 73,
> >>
> >> John WH6DQU
> >>
> >>
> >>
> >>
> >
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

11112. Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-10 15:37:13 UTC
From: avvidclif
Topic: 11098 Message: 11112

There are 2 plug-in slots in the 8.8 IF on the RF Unit and one in the 455 IF in the IF Unit.

I think that's 3 plug-in slots.

Clif

--- In TS-850_450_690@yahoogroups.com, Keon Hayes <ke3hay@...> wrote:
>
> There is only 2 plug in slots on an 850. Everything else is wire or solder.
> On Feb 9, 2012 6:18 PM, "Crownhaven" <crownhaven@...> wrote:
>
> > **
> >
> >
> > Check the description of your filter again. You should have room for
> > three optional plug-in filters. It depends on what you are going to be
> > doing with the radio regarding what filters you might want. If you are
> > a contester, you might want a very narrow filter on CW. Personally, I
> > think two 500 Hz Kenwood filters or even better, two INRAD 400 Hz
> > filters are the best bet. I found the 250/270 filters too narrow for
> > practical use. I have a 1.8 SSB filter YK-88SN-1 in the third slot. It
> > does a pretty good job. I usually use it when I'm listening to CW
> > signals and crank in the narrower ones as needed. Don't forget the
> > radio has the slope tuning on both SSB and CW which works somewhat if
> > you have no filters.
> >
> > As far as the roofing filter, I think that requires a very high level of
> > expertise to install.
> >
> > Steve, N4JQQ
> >
> > Keon Hayes wrote:
> > > Well, to be perfectly honest you may have the newest DDS chips. However,
> > I
> > > dont think any Kenwood 850 was safe from leaking CAPs.
> > >
> > > The 2.7 you have are the factory filters on the board that are standard
> > > with the 850. You have one on both sides - You should invest in an 1.8
> > and
> > > a roofing filter mod from Inrad.net. Start there - and ask questions. I
> > > have a 1.8 on the 8.83 and with various combinations I hear and isolate
> > > very well.
> > >
> > > One small piece of advise, having two 850s unless you run a contest
> > station

> > > is like having a wife and a girlfriend. The two will eventually PMS at
> > the
> > > same time and the grief is best when you have one to deal with. Its not
> > > good to have two women running over you at the same exact time cause they
> > > will leave noticeable tire marks on you from the rear wheels of their
> > > menstrual cycle.
> > >
> > > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two 850
> > > your asking for it. Want to have to of the same kind, have to
> > Bud-Wise-ers
> > > - Thats a wise decision.
> > >
> > > Welcome to the world of Kenwood.
> > >
> > >
> > > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
> > >
> > >
> > >> **
> > >>
> > >>
> > >> Aloha Everyone,
> > >>
> > >> I purchased a TS-850 SAT from the bay.
> > >>
> > >> Serial Number 50800147
> > >>
> > >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
> > >>
> > >> It looks like there are two sockets for two additional filters.
> > >>
> > >> My questions:
> > >>
> > >> Question 1:
> > >> I know that there are issues with the chips on the CAR? Board and that
> > at
> > >> some point Kenwood replaced them with different types.
> > >>
> > >> Does anyone know if my serial number is safe? I guess it would be smart
> > to
> > >> look at the chips, but I honestly don't know where they are located.
> > >>
> > >> Question 2:
> > >>
> > >> Since I have this filter installed, what would be the best
> > recommendation
> > >> for other filters or replacement of the currently installed filter?
> > >>
> > >> My plan is to have two TS-850s.
> > >>

> > >> One designated for CW/Digital Modes and the other I will want to modify
> > >> into
> > >> the voodoo ESSB as I have two DSP-100s, one for each application.
> > >>
> > >> The one I own currently will be for CW only any maybe some hf digital
> > >> modes.
> > >>
> > >> The second one I will want to modify the 850 and the dsp-100 for ESSB.
> > >>
> > >> Any thoughts or ideas?
> > >>
> > >> 73,
> > >>
> > >> John WH6DQU
> > >>
> > >>
> > >>
> > >>
> > >
> > >
> > >
> > >
> > >
> > >
>
> [Non-text portions of this message have been removed]
>

11113. Re: [TS-850_450_690] Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-10 16:06:54 UTC
From: Keon Hayes
Topic: 11098 Message: 11113

Hey Clif .. first thanks for taking care of my rig. I love it.

Second where is the 455 slot? I am assuming its not visible or I simply
don't know where or what I'm looking at.
On Feb 10, 2012 10:37 AM, "avvidclif" <clif@avvid.com> wrote:

> **
>
>
> There are 2 plug-in slots in the 8.8 IF on the RF Unit and one in the 455
> IF in the IF Unit.
>
> I think that's 3 plug-in slots.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Keon Hayes <ke3hay@...> wrote:
> >
> > There is only 2 plug in slots on an 850. Everything else is wire or
> solder.
> > On Feb 9, 2012 6:18 PM, "Crownhaven" <crownhaven@...> wrote:
> >
> > > **
> > >
> > >
> > > Check the description of your filter again. You should have room for
> > > three optional plug-in filters. It depends on what you are going to be
> > > doing with the radio regarding what filters you might want. If you are
> > > a contester, you might want a very narrow filter on CW. Personally, I
> > > think two 500 Hz Kenwood filters or even better, two INRAD 400 Hz
> > > filters are the best bet. I found the 250/270 filters too narrow for
> > > practical use. I have a 1.8 SSB filter YK-88SN-1 in the third slot. It
> > > does a pretty good job. I usually use it when I'm listening to CW
> > > signals and crank in the narrower ones as needed. Don't forget the
> > > radio has the slope tuning on both SSB and CW which works somewhat if
> > > you have no filters.
> > >
> > > As far as the roofing filter, I think that requires a very high level
> of
> > > expertise to install.
> > >
> > > Steve, N4JQQ
> > >
> > > Keon Hayes wrote:
> > > > Well, to be perfectly honest you may have the newest DDS chips.

> However,
> > > I
> > > > dont think any Kenwood 850 was safe from leaking CAPs.
> > > >
> > > > The 2.7 you have are the factory filters on the board that are
> standard
> > > > with the 850. You have one on both sides - You should invest in an
> 1.8
> > > and
> > > > a roofing filter mod from Inrad.net. Start there - and ask
> questions. I
> > > > have a 1.8 on the 8.83 and with various combinations I hear and
> isolate
> > > > very well.
> > > >
> > > > One small piece of advise, having two 850s unless you run a contest
> > > station
> > > > is like having a wife and a girlfriend. The two will eventually PMS
> at
> > > the
> > > > same time and the grief is best when you have one to deal with. Its
> not
> > > > good to have two women running over you at the same exact time cause
> they
> > > > will leave noticeable tire marks on you from the rear wheels of their
> > > > menstrual cycle.
> > > >
> > > > Consider a 850 and maybe a 140 for digi ... maybe even a 440 but two
> 850
> > > > your asking for it. Want to have to of the same kind, have to
> > > Bud-Wise-ers
> > > > - Thats a wise decision.
> > > >
> > > > Welcome to the world of Kenwood.
> > > >
> > > >
> > > > On Wed, Feb 8, 2012 at 11:22 PM, John Parker <parkjv1@...> wrote:
> > > >
> > > >
> > > >> **
> > > >>
> > > >>
> > > >> Aloha Everyone,
> > > >>
> > > >> I purchased a TS-850 SAT from the bay.
> > > >>
> > > >> Serial Number 50800147
> > > >>
> > > >> It has one filter installed: Kenwood SSB Filter (YK-88S1) 2.7Khz
> > > >>

> > > >> It looks like there are two sockets for two additional filters.
> > > >>
> > > >> My questions:
> > > >>
> > > >> Question 1:
> > > >> I know that there are issues with the chips on the CAR? Board and
> that
> > > at
> > > >> some point Kenwood replaced them with different types.
> > > >>
> > > >> Does anyone know if my serial number is safe? I guess it would be
> smart
> > > to
> > > >> look at the chips, but I honestly don't know where they are located.
> > > >>
> > > >> Question 2:
> > > >>
> > > >> Since I have this filter installed, what would be the best
> > > recommendation
> > > >> for other filters or replacement of the currently installed filter?
> > > >>
> > > >> My plan is to have two TS-850s.
> > > >>
> > > >> One designated for CW/Digital Modes and the other I will want to
> modify
> > > >> into
> > > >> the voodoo ESSB as I have two DSP-100s, one for each application.
> > > >>
> > > >> The one I own currently will be for CW only any maybe some hf
> digital
> > > >> modes.
> > > >>
> > > >> The second one I will want to modify the 850 and the dsp-100 for
> ESSB.
> > > >>
> > > >> Any thoughts or ideas?
> > > >>
> > > >> 73,
> > > >>
> > > >> John WH6DQU
> > > >>
> > > >>
> > > >>
> > > >>
> > > >
> > > >
> > > >
> > > >
> > > >
> > >
> > >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

11114. Re: [TS-850_450_690] Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-10 16:26:26 UTC
From: condor@cox.net
Topic: 11098 Message: 11114

When you take off the hatch cover, there is space for two 8.83 filters next to each other, and the 455 Kcs is at the other end of the space.

Here are the instructions:

http://www.sk6aw.net/manualer/TS-850_Instruction_manual.pdf

Remember to set the dip switches so the radio know what filters are in what positions.

Paul K2BK.

[Non-text portions of this message have been removed]

11115. Re: [TS-850_450_690] Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-10 18:06:11 UTC
From: John Parker
Topic: 11098 Message: 11115

Aloha Everyone!

I wanted to thank everyone who has joined this lively discussion as it has been a real learning experience for me.

I think I will go with the inrad filters. I¹m pretty sure I know where to look for all of them thanks to the group.

Sounds like a roofing filter is a good thing to add as well.

I read about that yesterday and it seems a little difficult to do.

The only issue of living on island is it takes so long for things to go back and forth to the mainland. So, maybe some day I will be brave
And attempt the roofing filter install myself.

I have to head out to work as it¹s not all about beach¹s and beautiful views living in paradise.

Mahalo Nui Loa (Thank You Very Much)

73,

John WH6DQU

On 2/10/12 6:26 AM, "condor@..." <condor@...> wrote:

>
>
>
>
>
> When you take off the hatch cover, there is space for two 8.83 filters
> next to each other, and the 455 Kcs is at the other end of the space.
>
> Here are the instructions:
>
> http://www.sk6aw.net/manualer/TS-850_Instruction_manual.pdf
>
> Remember to set the dip switches so the radio know what filters are in
> what positions.
>
> Paul K2BK.
>
> [Non-text portions of this message have been removed]
>
>
>

>
>

[Non-text portions of this message have been removed]

11116. Re: [TS-850_450_690] Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-10 20:09:11 UTC
From: Bob Naylor
Topic: 11098 Message: 11116

John, I believe I heard that the inrad's need some kind of mod to install like cutting pins?????????? Anyone?Bob WE6C

--- On Fri, 2/10/12, John Parker <parkjv1@...> wrote:

From: John Parker <parkjv1@gmail.com>
Subject: Re: [TS-850_450_690] Re: TS-850 SAT Filters
To: TS-850_450_690@yahoogroups.com
Date: Friday, February 10, 2012, 10:06 AM

Aloha Everyone!

I wanted to thank everyone who has joined this lively discussion as it has

been a real learning experience for me.

I think I will go with the inrad filters. I¹m pretty sure I know where to

look for all of them thanks to the group.

Sounds like a roofing filter is a good thing to add as well.

I read about that yesterday and it seems a little difficult to do.

The only issue of living on island is it takes so long for things to go back

and forth to the mainland. So, maybe some day I will be brave

And attempt the roofing filter install myself.

I have to head out to work as it¹s not all about beach¹s and beautiful views

living in paradise.

Mahalo Nui Loa (Thank You Very Much)

73,

John WH6DQU

On 2/10/12 6:26 AM, "condor@..." <condor@...> wrote:

>

>

>

>

>

> When you take off the hatch cover, there is space for two 8.83 filters

> next to each other, and the 455 Kcs is at the other end of the space.

>

> Here are the instructions:

>

> http://www.sk6aw.net/manualer/TS-850_Instruction_manual.pdf

>

> Remember to set the dip switches so the radio know what filters are in

> what positions.

>

> Paul K2BK.

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11117. Re: [TS-850_450_690] Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-11 00:03:36 UTC
From: Crownhaven
Topic: 11098 Message: 11117

That is true. They give you explicit instructions. Not complicated.
Check their web page.

Steve, N4JQQ

Bob Naylor wrote:
>
>
> John, I believe I heard that the inrad's need some kind of mod to
> install like cutting pins?????????? Anyone?Bob WE6C
>
> --- On Fri, 2/10/12, John Parker <parkjv1@...
> <mailto:parkjv1%40gmail.com>> wrote:
>
> From: John Parker <parkjv1@... <mailto:parkjv1%40gmail.com>>
> Subject: Re: [TS-850_450_690] Re: TS-850 SAT Filters
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Date: Friday, February 10, 2012, 10:06 AM
>
>
>
> Aloha Everyone!
>
> I wanted to thank everyone who has joined this lively discussion as it has
>
> been a real learning experience for me.
>
> I think I will go with the inrad filters. I¹m pretty sure I know where to
>
> look for all of them thanks to the group.
>
> Sounds like a roofing filter is a good thing to add as well.
>
> I read about that yesterday and it seems a little difficult to do.
>
> The only issue of living on island is it takes so long for things to
> go back
>
> and forth to the mainland. So, maybe some day I will be brave
>
> And attempt the roofing filter install myself.
>
> I have to head out to work as it¹s not all about beach¹s and beautiful
> views

>
> living in paradise.
>
> Mahalo Nui Loa (Thank You Very Much)
>
> 73,
>
> John WH6DQU
>
> On 2/10/12 6:26 AM, "condor@... <mailto:condor%40cox.net>"
> <condor@... <mailto:condor%40cox.net>> wrote:
>
> >
>
> >
>
> >
>
> >
>
> >
>
> > When you take off the hatch cover, there is space for two 8.83 filters
>
> > next to each other, and the 455 Kcs is at the other end of the space.
>
> >
>
> > Here are the instructions:
>
> >
>
> > http://www.sk6aw.net/manualer/TS-850_Instruction_manual.pdf
>
> >
>
> > Remember to set the dip switches so the radio know what filters are in
>
> > what positions.
>
> >
>
> > Paul K2BK.
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>

> >
>
> >
>
> >
>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

11118. Re: [TS-850_450_690] Re: TS-850 SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-11 02:25:27 UTC
From: Tom Osborne
Topic: 11098 Message: 11118

Just snipping a couple of unused pins off. Doesn't affect if you want to use Kenwood filters. They will still work with the pins snipped off. 73 Tom W7WHY

John, I believe I heard that the inrad's need some kind of mod to install like cutting pins?????????? Anyone?Bob WE6C

11119. Re: [TS-850_450_690] Using a Heathkit QF-1 Q-Multiplier w/the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-11 17:48:43 UTC
From: James
Topic: 11032 Message: 11119

Ron was it u I was going to mail the 73 mag....article about transistor q multiplier if so I have found it and will scan and mail to u let me know Harold n5tog

From: Ron
Sent: Wednesday, January 25, 2012 8:39 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Using a Heathkit QF-1 Q-Multiplier w/the TS-450

I recently acquired a QF-1 Q-Multiplier for chump-change.

It occurred to me that because the QF-1 operates at 455kc I should be able to substitute it for a DSP-100.
Which rear panel jack(s) will give me access to the 455 I.F.?

Also, down the road I am considering replacing the 12AX7 in the QF-1 with a pair of transistors. Does anyone have any ideas on what transistors would give an equivalent gain?

Curiously,
Ron
WQ6X

[Non-text portions of this message have been removed]

11120. Remote ppt foot switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-11 21:21:38 UTC
From: Bob Miller
Topic: 11120 Message: 11120

Hello to TS 850s users

I have a new foot switch but I can't find any info in the Instruction Manual for a connection. Can anybody give me some help?

Thanks, Bob Miller K9RIM

[Non-text portions of this message have been removed]

11121. RE: [TS-850_450_690] Remote ppt foot switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-11 22:28:50 UTC
From: Dave Gmail
Topic: 11120 Message: 11121

Pin 3 of the "remote" amp connector 7 pin din, but you can use even a 3
pin, or 5 if you have them

Check the manual for the picture

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bob Miller
Sent: February-11-12 4:22 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Remote ppt foot switch

Hello to TS 850s users

I have a new foot switch but I can't find any info in the Instruction
Manual for a connection. Can anybody give me some help?

Thanks, Bob Miller K9RIM

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11122. RE: [TS-850_450_690] Remote ppt foot switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-13 04:26:07 UTC
From: Greg Andesen
Topic: 11120 Message: 11122

I purchased the USB cable for my 850, and am running HRD on my computer.
Working like a champ.

Just click the mouse, and it keys it up!

Greg

http://www.ebay.com/itm/180799586422?ssPageName=STRK:MEWNX:IT&_trksid=p3984.
m1497.l2649

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dave Gmail
Sent: Saturday, February 11, 2012 3:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Remote ppt foot switch

Pin 3 of the "remote" amp connector 7 pin din, but you can use even a 3
pin, or 5 if you have them

Check the manual for the picture

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
On Behalf Of Bob Miller
Sent: February-11-12 4:22 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>

Subject: [TS-850_450_690] Remote ppt foot switch

Hello to TS 850s users

I have a new foot switch but I can't find any info in the Instruction
Manual for a connection. Can anybody give me some help?

Thanks, Bob Miller K9RIM

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
<mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links

[Non-text portions of this message have been removed]

11123. TS450/690 Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-13 18:08:03 UTC
From: avvidclif
Topic: 11123 Message: 11123

Over the past few weeks I have had to repair several TS450's that had a problem with the audio cap leaking (C104 on the IF unit). It can cause low rx audio, static, and no rx audio. The leaking chemical can damage traces and thru holes in the area with multiple results ranging from no rx to DSB rx all the time, AIP not working, etc.

If you own a 450/690 I recommend you check for this cap leaking. To do that remove the bottom cover used to install filters (2 screws). In the middle of the opening is a heatsink oriented front to back. To the right of it are 2 small black 455 filters and a larger chrome one. Just behind the filters is the cap. Look closely at the PCB with a good light. The board under the cap should be clean with no discoloration. Any signs of leakage the cap needs to be replaced. Even if you are not having any problems, you will down the road.

It is a 470uf 10v Electrolytic with a 105 deg rating, lead spacing is 5mm. I use a 25v in place of it. Make sure to clean the board real well.

Clif

11124. Re: [TS-850_450_690] TS450/690 Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-13 23:37:36 UTC
From: Crownhaven
Topic: 11123 Message: 11124

Thanks Clif.....will open up my 450 and 690 tonite!!!!

Steve, N4JQQ

avvidclif wrote:
>
> Over the past few weeks I have had to repair several TS450's that had
> a problem with the audio cap leaking (C104 on the IF unit). It can
> cause low rx audio, static, and no rx audio. The leaking chemical can
> damage traces and thru holes in the area with multiple results ranging
> from no rx to DSB rx all the time, AIP not working, etc.
>
> If you own a 450/690 I recommend you check for this cap leaking. To do
> that remove the bottom cover used to install filters (2 screws). In
> the middle of the opening is a heatsink oriented front to back. To the
> right of it are 2 small black 455 filters and a larger chrome one.
> Just behind the filters is the cap. Look closely at the PCB with a
> good light. The board under the cap should be clean with no
> discoloration. Any signs of leakage the cap needs to be replaced. Even
> if you are not having any problems, you will down the road.
>
> It is a 470uf 10v Electrolytic with a 105 deg rating, lead spacing is
> 5mm. I use a 25v in place of it. Make sure to clean the board real well.
>
> Clif
>
>

11125. Re: [TS-850_450_690] TS450/690 Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-13 22:59:53 UTC
From: Ron Ries
Topic: 11123 Message: 11125

Thanks for the heads up, Clif.

R.
On Feb 13, 2012, at 11:08 AM, avvidclif wrote:

> Over the past few weeks I have had to repair several TS450's that had a problem with the audio cap leaking (C104 on the IF unit). It can cause low rx audio, static, and no rx audio. The leaking chemical can damage traces and thru holes in the area with multiple results ranging from no rx to DSB rx all the time, AIP not working, etc.
>
> If you own a 450/690 I recommend you check for this cap leaking. To do that remove the bottom cover used to install filters (2 screws). In the middle of the opening is a heatsink oriented front to back. To the right of it are 2 small black 455 filters and a larger chrome one. Just behind the filters is the cap. Look closely at the PCB with a good light. The board under the cap should be clean with no discoloration. Any signs of leakage the cap needs to be replaced. Even if you are not having any problems, you will down the road.
>
> It is a 470uf 10v Electrolytic with a 105 deg rating, lead spacing is 5mm. I use a 25v in place of it. Make sure to clean the board real well.
>
> Clif
>
>

[Non-text portions of this message have been removed]

11126. Re: [TS-850_450_690] Remote ppt foot switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 03:22:27 UTC
From: Jon
Topic: 11120 Message: 11126

I have that same cable...prolific chip set.
It worked for a while and then stopped... Could not get it to reconnect to
the radio.

73,
Jon

On Sun, Feb 12, 2012 at 10:26 PM, Greg Andesen <gwandersen@...> wrote:

> **
>
>
> I purchased the USB cable for my 850, and am running HRD on my computer.
> Working like a champ.
>
> Just click the mouse, and it keys it up!
>
> Greg
>
>
> http://www.ebay.com/itm/180799586422?ssPageName=STRK:MEWNX:IT&_trksid=p3984.
> m1497.l2649
>
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of Dave Gmail
> Sent: Saturday, February 11, 2012 3:29 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Remote ppt foot switch
>
> Pin 3 of the "remote" amp connector 7 pin din, but you can use even a 3
> pin, or 5 if you have them
>
> Check the manual for the picture
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Bob Miller
> Sent: February-11-12 4:22 PM
> To: TS-850_450_690@yahoogroups.com <mailto:
> TS-850_450_690%40yahoogroups.com>
>
> Subject: [TS-850_450_690] Remote ppt foot switch

>
> Hello to TS 850s users
>
> I have a new foot switch but I can't find any info in the Instruction
> Manual for a connection. Can anybody give me some help?
>
> Thanks, Bob Miller K9RIM
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo> ! Groups Links
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11127. Re: [TS-850_450_690] TS450/690 Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 03:40:42 UTC
From: NIGEL FENTON
Topic: 11123 Message: 11127

Thanks Clif,
I did mine a few months ago. out of interest are there any others that need sorting? is there a list anywhere?

Regards
Nigel G0JKN

From: Crownhaven <crownhaven@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, 13 February 2012, 18:37
Subject: Re: [TS-850_450_690] TS450/690 Warning

Thanks Clif.....will open up my 450 and 690 tonite!!!!

Steve, N4JQQ

avvidclif wrote:
>
> Over the past few weeks I have had to repair several TS450's that had
> a problem with the audio cap leaking (C104 on the IF unit). It can
> cause low rx audio, static, and no rx audio. The leaking chemical can
> damage traces and thru holes in the area with multiple results ranging
> from no rx to DSB rx all the time, AIP not working, etc.
>
> If you own a 450/690 I recommend you check for this cap leaking. To do
> that remove the bottom cover used to install filters (2 screws). In
> the middle of the opening is a heatsink oriented front to back. To the
> right of it are 2 small black 455 filters and a larger chrome one.
> Just behind the filters is the cap. Look closely at the PCB with a
> good light. The board under the cap should be clean with no
> discoloration. Any signs of leakage the cap needs to be replaced. Even
> if you are not having any problems, you will down the road.
>
> It is a 470uf 10v Electrolytic with a 105 deg rating, lead spacing is
> 5mm. I use a 25v in place of it. Make sure to clean the board real well.
>
> Clif
>
>

THANKS FOR USING TS-850_450_690@...o! Groups Links

[Non-text portions of this message have been removed]

11128. Re: [TS-850_450_690] TS450/690 Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 14:48:29 UTC
From: Crownhaven
Topic: 11123 Message: 11128

I opened up both of my radios, 450/690. The 450 already had the cap replaced. The 690 looks perfect. My replacement is green. The original falls between purple and brown.

Steve, N4JQQ

avvidclif wrote:
>
> Over the past few weeks I have had to repair several TS450's that had
> a problem with the audio cap leaking (C104 on the IF unit). It can
> cause low rx audio, static, and no rx audio. The leaking chemical can
> damage traces and thru holes in the area with multiple results ranging
> from no rx to DSB rx all the time, AIP not working, etc.
>
> If you own a 450/690 I recommend you check for this cap leaking. To do
> that remove the bottom cover used to install filters (2 screws). In
> the middle of the opening is a heatsink oriented front to back. To the
> right of it are 2 small black 455 filters and a larger chrome one.
> Just behind the filters is the cap. Look closely at the PCB with a
> good light. The board under the cap should be clean with no
> discoloration. Any signs of leakage the cap needs to be replaced. Even
> if you are not having any problems, you will down the road.
>
> It is a 470uf 10v Electrolytic with a 105 deg rating, lead spacing is
> 5mm. I use a 25v in place of it. Make sure to clean the board real well.
>
> Clif
>
>

11129. Re: [TS-850_450_690] TS450/690 Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 04:50:01 UTC
From: C&SM
Topic: 11123 Message: 11129

Thank you

73
Craig
VK6HX
----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 14, 2012 2:08 AM
Subject: [TS-850_450_690] TS450/690 Warning

Over the past few weeks I have had to repair several TS450's that had a problem with the audio cap leaking (C104 on the IF unit). It can cause low rx audio, static, and no rx audio. The leaking chemical can damage traces and thru holes in the area with multiple results ranging from no rx to DSB rx all the time, AIP not working, etc.

If you own a 450/690 I recommend you check for this cap leaking. To do that remove the bottom cover used to install filters (2 screws). In the middle of the opening is a heatsink oriented front to back. To the right of it are 2 small black 455 filters and a larger chrome one. Just behind the filters is the cap. Look closely at the PCB with a good light. The board under the cap should be clean with no discoloration. Any signs of leakage the cap needs to be replaced. Even if you are not having any problems, you will down the road.

It is a 470uf 10v Electrolytic with a 105 deg rating, lead spacing is 5mm. I use a 25v in place of it. Make sure to clean the board real well.

Clif

[Non-text portions of this message have been removed]

11130. TS450 key clicks

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 17:38:28 UTC
From: k3mrk
Topic: 11130 Message: 11130

Last evening I was calling a dx station with about a 1khz split on 20m. Another fairly strong station came on the dx freq and said I had "big clicks" this is the first I have received a report like this. In the old days if you had a click, you would put a cap across the key terminals and that would fix it. With a newer rig and electronic keyer, I am lost as to how to solve this problem. Has anyone else had this issue with a 450? What must I do to correct it?
Mark
k3MRK

11131. Re: [TS-850_450_690] TS450 key clicks

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 17:57:37 UTC
From: Kurt Cathcart, KR2C
Topic: 11130 Message: 11131

I would suggest that you ask another station if you indeed have keyclicks. I have a station nearby who seems to have key clicks but. They seem to disappear when I hit the attenuator. He was probably just overloading my receiver.
-----Original Message-----
From: "k3mrk" <k3mrk1@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Tue, 14 Feb 2012 17:38:28
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450 key clicks

Last evening I was calling a dx station with about a 1khz split on 20m. Another fairly strong station came on the dx freq and said I had "big clicks" this is the first I have received a report like this. In the old days if you had a click, you would put a cap across the key terminals and that would fix it. With a newer rig and electronic keyer, I am lost as to how to solve this problem. Has anyone else had this issue with a 450? What must I do to correct it?
Mark
k3MRK

[Non-text portions of this message have been removed]

11132. Re: [TS-850_450_690] TS450 key clicks

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 20:08:02 UTC
From: Tom Osborne
Topic: 11130 Message: 11132

Hi Mark

Some times someone telling you you have clicks means there is something wrong on his end. I have 2
TS-450's here and have never had problems. If they have their NB turned on, some stations have horrible clicks. Best thing is to have a friend close by check for you. 73
Tom W7WHY

Last evening I was calling a dx station with about a 1khz split on 20m. Another fairly strong station came on the dx freq and said I had "big clicks" this is the first I have received a report like this. In the old days if you had a click, you would put a cap across the key terminals and that would fix it. With a newer rig and electronic keyer, I am lost as to how to solve this problem. Has anyone else had this issue with a 450? What must I do to correct it?
Mark
k3MRK

11133. alternate alc problem (dc-dc converter) solution

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-14 22:13:47 UTC
From: Ramon DU1FV
Topic: 11133 Message: 11133

http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc/850dcdc.htm

11134. Re: alternate alc problem (dc-dc converter) solution

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-15 17:32:11 UTC
From: birchardvilleobservatory
Topic: 11133 Message: 11134

I like that approach... much simpler, probably cheaper than two new transistors and two diodes, or almost any of the other fixes.

Thanks for finding and posting the link.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Ramon DU1FV" <mondu1fv@...> wrote:
>
> http://homepage2.nifty.com/yamada_radio_clinic/archive/850_dc_dc/850dcdc.htm
>

11135. Re: TS450 key clicks

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-16 02:47:49 UTC
From: bswadener
Topic: 11130 Message: 11135

Hi Mark,

If the receiving station is hearing you quite strongly and has his/her noise blanker enabled, the NB is likely making it _appear_ as though you have clicks. The effect on fone is distorted audio.

Your monitor oscilloscope will tell you if your keyed waveshape is too hard. My TS-850 produces a nice waveshape... not hard at all.

vy 73,
Bryan WA7PRC

K3MRK wrote:
>
> Last evening I was calling a dx station with about a 1khz split
> on 20m. Another fairly strong station came on the dx freq and
> said I had "big clicks" this is the first I have received a
> report like this. In the old days if you had a click, you would
> put a cap across the key terminals and that would fix it. With
> a newer rig and electronic keyer, I am lost as to how to solve
> this problem. Has anyone else had this issue with a 450? What
> must I do to correct it?
> Mark
> K3MRK

11136. Re: TS450 key clicks

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-17 03:23:21 UTC
From: Mark W
Topic: 11130 Message: 11136

Thanks for all the info. It took me by surprise because I was at a loss as to how to cure a click problem on a modern rig. It was a close split, he was the loudest sig on the band. When I hear a key click on my end, it is due to a strong nearby sig and my noise blanker. Turn off the NB and its gone.

I also got a direct response from a helpful ham that talks about the time lag for the PLL to change to the transmit freq. When I used WinKey to send, I got multiple reports of key clicks, so I stopped using it. This is probably due to the rig keying.

The first thing I will do is getting someone to take a listen and see if the problem really exists.

Thanks for all the help and I'll let you know what I find.

Mark

K3MRK

[Non-text portions of this message have been removed]

11137. kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-17 04:14:52 UTC
From: J R
Topic: 8037 Message: 11137

hi guys
 as bad as i hate to sell my 850 i dont have the bucks to invest in getting it fix now i just bought a new rig another kenwood of course .
i took this rig to the shop a kenwood dealer hr in beckley wv (((hughes supply)))
there a kenwood dealer ship they do a lot of vhf uhf trraffic lights fire departments aand police radios and emt .the tech told me he couldnt get the 9 volt voltage regulator and it needs a set of finals is what he told me they had the rig for 5months and told me they couldnt find the regulator i tryed eastcoast kenwood , herman electrions in fl , and a.e.s
rf parts   everybody had it till time to ship it out then is swas not in stock and no one had them out of date .
i usedthe rig for a good while i love the rig but i had to get a rig and its no good to me seating here . no filters hand mic and power cord voice think vs -1 i think that is what it is called i have had it setting on the shelf sence may this year .
has the new chips no leaks battery has no leaks i had the tech at hughes to ck them .
ill take offers for 10 days and then move on . my loss will be your gain .
my call is wu8q JR in wv   you mit have heard me on the radio

[Non-text portions of this message have been removed]

11138. Re: TS450 key clicks

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-17 06:32:50 UTC
From: bswadener
Topic: 11130 Message: 11138

Mark,

Again, the best way to determine if you have clicks is by looking at the waveshape using your transmitter monitor or test bench oscilloscope. If the waveshape isn't hard (sharp corners), you don't have clicks.

The first thing you should do is use your oscilloscope to see if the waveshape is hard or not. If not, you're done -- no need to bother with someone giving you a subjective report.

vy 73,
Bryan WA7PRC

Mark K3MRK wrote:
>
> The first thing I will do is getting someone to take a listen and see if the
> problem really exists.
>
> Thanks for all the help and I'll let you know what I find.
>
> Mark
>
> K3MRK

11139. Re: [TS-850_450_690] kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-17 22:10:20 UTC
From: John Parker
Topic: 8037 Message: 11139

There is a final board on the bay for $125.00

73,

John WH6DQU

Sent from my iPhone

On Feb 16, 2012, at 6:14 PM, J R <wu8q2000@...> wrote:

> hi guys
> as bad as i hate to sell my 850 i dont have the bucks to invest in getting it fix now i just bought a new rig another kenwood of course .
> i took this rig to the shop a kenwood dealer hr in beckley wv (((hughes supply)))
> there a kenwood dealer ship they do a lot of vhf uhf trraffic lights fire departments aand police radios and emt .the tech told me he couldnt get the 9 volt voltage regulator and it needs a set of finals is what he told me they had the rig for 5months and told me they couldnt find the regulator i tryed eastcoast kenwood , herman electrions in fl , and a.e.s
> rf parts everybody had it till time to ship it out then is swas not in stock and no one had them out of date .
> i usedthe rig for a good while i love the rig but i had to get a rig and its no good to me seating here . no filters hand mic and power cord voice think vs -1 i think that is what it is called i have had it setting on the shelf sence may this year .
> has the new chips no leaks battery has no leaks i had the tech at hughes to ck them .
> ill take offers for 10 days and then move on . my loss will be your gain .
> my call is wu8q JR in wv you mit have heard me on the radio
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11140. TS-690S DISPLAY NEEDS TO BE VIEWED AT AN ANGLE, HELP!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-19 01:36:03 UTC
From: gringo
Topic: 11140 Message: 11140

The display tube is working fine and plenty bright.

The display looks garbled and unreadable with all digits lit up when looking straight at the radio.

If you look at the display from a sharp angle everything can be viewed fine.

Anyone have any ideas of what is going on? Is the 450S display board the same as the 690S?

Thanks
Chris TI2/AA8VL

11141. Re: TS-690S DISPLAY NEEDS TO BE VIEWED AT AN ANGLE, HELP!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-19 02:17:14 UTC
From: Rick Allan
Topic: 11140 Message: 11141

If it can be viewed from a sharp angle from below or above, it could be a contrast adjustment issue. If from the left or right, I haven't a clue.

11142. Kenwood PS-52 for TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-19 04:00:58 UTC
From: John Parker
Topic: 11140 Message: 11142

Hi Everyone,

I have a PS-52 Power Supply that I purchased off of e-bay and I¹m just getting around to taking a look at it.

It powers my TS-850 just fine.

The only thing I notice is the LED for power on doesn¹t come on.

I¹ve checked to make sure the connector is on correctly.

Anything else I can check or do?

If I need to replace it, I have no idea how to get it out of that tight holder.

Thanks in advance.

Of course if this isn¹t the appropriate forum then please direct me to where I need to post this question.

73,

John WH6DQU

[Non-text portions of this message have been removed]

11143. intermittent cw tx problems TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-19 06:20:24 UTC
From: Ramon DU1FV
Topic: 11143 Message: 11143

Hi!
I thought i would share this bout i had with a used TS-850s I got recently. It seems that when i use my paddle i sometimes experience "misfiring" on TX. When I put the switch on "off". there is no problem. The "straight key" mode works perfectly. I ended up opening the radio and monitored the "key" test point to the right of cn2 of the if board. it seems that when the internal keyer is operated the voltage does not quite drop to zero, usually mid level (when the thing starts acting up), so the rf output is a mess. I pressed on the switch and lo and behold it seems to work fine. I sprayed some contact cleaner and worked the switch several cycles and I think that did the job. The former owner is an SSB-only operator so the switch probably hasn't been touched much and the contacts haven't "self-cleaned".
The voltage on the "key" test point now switches to ground very cleanly.
This is a condensed story involving about two weeks of anguish and gnashing of teeth. At one point I even suspected the dc-dc converter board and tried changing the bias resistors. Maybe I should think of putting back the old bias (22k) resistors in, but maybe later as these old eyes kon't enjoy working with this minisclue parts (should I leave the 13ks in?).
Anyway, I hope this post helps the next guy who get the same problem.
73
Mon

11144. Re: TS-690S DISPLAY NEEDS TO BE VIEWED AT AN ANGLE, HELP!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-19 14:40:06 UTC
From: Alex
Topic: 11140 Message: 11144

Chris

The problem is the LCD display it self no contrast adjustment inside the radio. I did try to bring down the light intensity of the flourecent back light but it didnt help. You have two option

1st- Replace the whole display unit, sometimes its available in ebay.

2nd - Do the same on what i did in my 450 and another 690,on top of the LCD display place a light colored car window tint, a light tint color will do. It will block the intensity of the display and will just show the correct number that is really illuminated. This sounds funny but it worked for us here in Philiipines were we cant buy or find a replacement parts easily.Try this its a lot cheaper than replacing the LCD assembly unit.

Alex
DV1TBX

.com, "gringo" <christian9945@...> wrote:
>
> The display tube is working fine and plenty bright.
>
> The display looks garbled and unreadable with all digits lit up when looking straight at the radio.
>
> If you look at the display from a sharp angle everything can be viewed fine.
>
> Anyone have any ideas of what is going on? Is the 450S display board the same as the 690S?
>
> Thanks
> Chris TI2/AA8VL
>

11145. Re: TS-690S DISPLAY NEEDS TO BE VIEWED AT AN ANGLE, HELP!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-20 07:15:12 UTC
From: gringo
Topic: 11140 Message: 11145

Alex

Thank you very much for the reply. Tomorrow I will buy some window tint. Near me in Costa Rica is a car window tint shop so maybe they will have some scraps for me to buy. I've noticed the viewing angle is best at the left-top of the radio. If this works you have just helped out a 6m contest station here. I will post my results. Thanks again!!!!

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
>
> Chris
>
> The problem is the LCD display it self no contrast adjustment inside the radio. I did try to bring down the light intensity of the flourecent back light but it didnt help. You have two option
>
> 1st- Replace the whole display unit, sometimes its available in ebay.
>
> 2nd - Do the same on what i did in my 450 and another 690,on top of the LCD display place a light colored car window tint, a light tint color will do. It will block the intensity of the display and will just show the correct number that is really illuminated. This sounds funny but it worked for us here in Philiipines were we cant buy or find a replacement parts easily.Try this its a lot cheaper than replacing the LCD assembly unit.
>
> Alex
> DV1TBX
>
>
> .com, "gringo" <christian9945@> wrote:
> >
> > The display tube is working fine and plenty bright.
> >
> > The display looks garbled and unreadable with all digits lit up when looking straight at the radio.
> >
> > If you look at the display from a sharp angle everything can be viewed fine.
> >
> > Anyone have any ideas of what is going on? Is the 450S display board the same as the 690S?
> >
> > Thanks
> > Chris TI2/AA8VL
> >
>

11146. Re: TS-690S DISPLAY NEEDS TO BE VIEWED AT AN ANGLE, HELP!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-20 08:17:24 UTC
From: Ramon DU1FV
Topic: 11140 Message: 11146

Alex is right. The best solution is to get another display perhaps off ebay.

I am in the same boat as you. I have a friend who has another ts-850 and the display is perfect. I have studied this in depth and concluded that it is caused by subjecting the radio to excessively warm environment. There are two plastic polarizing sheets in the front and back of (towards the back light) LCD> All LCD's have this polarizers. I took a close look at mine noted that the front sheet was slightly wrinkled probably because of heat, age, etc. If you are adventurous you could probably lift some polarizer sheets off some cheap digital wall clocks (you have to clean off the glue backing according to some websites), and use those. According to a Japanese maker of replacement polarizing film for notebooks and tvs, poor contrast means you have to replace the back filter as well. This is quite a pain to do and not for the faint of heart. Fortunately, in my case I can position the rig on my table such that it is at an optimum angle that gives me a tolerable view. This is a usual problem with the a lot of TS-850s.

Right now the rig just about level with my eyes but slightly to the right, and it is tolerable. But every time I see my friends TS-850s fine display I fantasize about doing the mod. hihi.

Btw, I have seen two units of a yaesu mobile radio with a display similar to the TS-850s. The one that was used a lot in a car has poorer contrast than the other which was not mobiled at all. Maybe the heat in the parked car in summer degraded the polarizer film. I also read that LCD speedometers of Corvettes suffer the same fate and have to have their polarizers replaced.

There you go!

--- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@...> wrote:
>
>
> Chris
>
> The problem is the LCD display it self no contrast adjustment inside the radio. I did try to bring down the light intensity of the flourecent back light but it didnt help. You have two option
>
> 1st- Replace the whole display unit, sometimes its available in ebay.
>
> 2nd - Do the same on what i did in my 450 and another 690,on top of the LCD display place a light colored car window tint, a light tint color will do. It will block the intensity of the display and will just show the correct number that is really illuminated. This sounds funny but it worked for us here in Philiipines were we cant buy or find a replacement parts easily.Try this its a lot cheaper than replacing the LCD assembly unit.
>
> Alex
> DV1TBX

>
>
> .com, "gringo" <christian9945@> wrote:
> >
> > The display tube is working fine and plenty bright.
> >
> > The display looks garbled and unreadable with all digits lit up when looking straight at the radio.
> >
> > If you look at the display from a sharp angle everything can be viewed fine.
> >
> > Anyone have any ideas of what is going on? Is the 450S display board the same as the 690S?
> >
> > Thanks
> > Chris TI2/AA8VL
> >
>

11147. Re: TS-690S DISPLAY NEEDS TO BE VIEWED AT AN ANGLE, HELP!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-21 08:54:10 UTC
From: Alex
Topic: 11140 Message: 11147

Chris

My pleasure to give info and help, it will work for sure if the only problem is to much brightness on the display numbers. Only draw back is if you bring the radio outside or on a field operation the display is dark to see because of the tint but if you block the brightness going to the display it wont be a problem. If you use the rig inside the radio room its ok no more viewing angle to see.

Pls give us feedback, for the tint no need to buy just ask for excess tint they have scrap tint for sure, you only need few inches of it.

73
Alex

--- In TS-850_450_690@yahoogroups.com, "gringo" <christianp9945@...> wrote:
>
> Alex
>
> Thank you very much for the reply. Tomorrow I will buy some window tint. Near me in Costa Rica is a car window tint shop so maybe they will have some scraps for me to buy. I've noticed the viewing angle is best at the left-top of the radio. If this works you have just helped out a 6m contest station here. I will post my results. Thanks again!!!!
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Alex" <a.barbon@> wrote:
> > >
> > >
> > > Chris
> > >
> > > The problem is the LCD display it self no contrast adjustment inside the radio. I did try to bring down the light intensity of the flourecent back light but it didnt help. You have two option
> > >
> > > 1st- Replace the whole display unit, sometimes its available in ebay.
> > >
> > > 2nd - Do the same on what i did in my 450 and another 690,on top of the LCD display place a light colored car window tint, a light tint color will do. It will block the intensity of the display and will just show the correct number that is really illuminated. This sounds funny but it worked for us here in Philiipines were we cant buy or find a replacement parts easily.Try this its a lot cheaper than replacing the LCD assembly unit.
> > >
> > > Alex
> > > DV1TBX
> > >
> > >

> > .com, "gringo" <christian9945@> wrote:
> > >
> > > The display tube is working fine and plenty bright.
> > >
> > > The display looks garbled and unreadable with all digits lit up when looking straight at the radio.
> > >
> > > If you look at the display from a sharp angle everything can be viewed fine.
> > >
> > > Anyone have any ideas of what is going on? Is the 450S display board the same as the 690S?
> > >
> > > Thanks
> > > Chris TI2/AA8VL
> > >
> >
>

11148. problem trx board x59-3680-00

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-24 00:59:31 UTC
From: daniel
Topic: 11046 Message: 11148

hello I have a ts-850 to which the card is damage trx x59-3680-00 (2sa1213), replace them with the fmmt723ct, but in a few seconds and there is no rx tx not turn the LED on air, and burns q152 again. any suggestions?

11149. d74 rf unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-24 01:04:23 UTC
From: daniel
Topic: 11149 Message: 11149

is normal d74 in rf unit is turned on?

11150. Kenwood ts-450 or 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-24 07:01:13 UTC
From: parkjv1
Topic: 11150 Message: 11150

Aloha All,

I did a search for the Kenwood DSP-100 and to my surprise, the results indicated that it can be plugged into the side connector on the ts-450/690.

Does the 450 have a din plug connector on the left panel side? Or is that for the 690 or both?

73,

John WH6DQU

11151. Re: [TS-850_450_690] Kenwood ts-450 or 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-24 13:04:01 UTC
From: cparrish104@cfl.rr.com
Topic: 11150 Message: 11151

According to the TS-450S/690S brochure, the rigs have three connectors for the DSP-100 on the rear panel.

K4TL

---- parkjv1 <parkjv1@...> wrote:
> Aloha All,
>
> I did a search for the Kenwood DSP-100 and to my surprise, the results indicated that it can be plugged into the side connector on the ts-450/690.
>
> Does the 450 have a din plug connector on the left panel side? Or is that for the 690 or both?
>
> 73,
>
> John WH6DQU
>

11152. Re: [TS-850_450_690] Kenwood ts-450 or 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-24 13:09:55 UTC
From: Kurt Cathcart, KR2C
Topic: 11150 Message: 11152

-----Original Message-----
From: <cparrish104@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 24 Feb 2012 13:04:01
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Cc: parkjv1<parkjv1@...>
Subject: Re: [TS-850_450_690] Kenwood ts-450 or 690

According to the TS-450S/690S brochure, the rigs have three connectors for the DSP-100 on the rear panel.

K4TL

---- parkjv1 <parkjv1@...> wrote:
> Aloha All,
>
> I did a search for the Kenwood DSP-100 and to my surprise, the results indicated that it can be plugged into the side connector on the ts-450/690.
>
> Does the 450 have a din plug connector on the left panel side? Or is that for the 690 or both?
>
> 73,
>
> John WH6DQU
>

[Non-text portions of this message have been removed]

11153. Re: [TS-850_450_690] Kenwood ts-450 or 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-24 13:11:14 UTC
From: Kurt Cathcart, KR2C
Topic: 11150 Message: 11153

The CAT control port in on the left side of the radio. An unfortunate position for me in my shack.

-----Original Message-----
From: <cparrish104@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 24 Feb 2012 13:04:01
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Cc: parkjv1<parkjv1@...>
Subject: Re: [TS-850_450_690] Kenwood ts-450 or 690

According to the TS-450S/690S brochure, the rigs have three connectors for the DSP-100 on the rear panel.

K4TL

---- parkjv1 <parkjv1@...> wrote:
> Aloha All,
>
> I did a search for the Kenwood DSP-100 and to my surprise, the results indicated that it can be plugged into the side connector on the ts-450/690.
>
> Does the 450 have a din plug connector on the left panel side? Or is that for the 690 or both?
>
> 73,
>
> John WH6DQU
>

[Non-text portions of this message have been removed]

11154. HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-25 02:13:06 UTC
From: dedubya55
Topic: 11154 Message: 11154

Hello group, I am new to the group. I want to know if any has had success using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for PSK31 but cannot use HRD.

11155. RE: [TS-850_450_690] HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-25 06:31:49 UTC
From: Dave Gmail
Topic: 11154 Message: 11155

Are you talking about radio control with HRD, or dm780 use for the signallink usb??? What can you not do??

As long as you have been able to tell dm780 which sound card you are using, (i.e. the usb signalink) than it should work fine. Do you have other software running that could be control the sound or control?

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dedubya55
Sent: February-24-12 9:13 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] HRD with TS690S

Hello group, I am new to the group. I want to know if any has had success using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for PSK31 but cannot use HRD.

THANKS FOR USING TS-850_450_690@...! Groups Links

11156. Re: HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-25 09:43:54 UTC
From: ah6rr1
Topic: 11154 Message: 11156

You also need a CAT control cable. The Signalink is only for Audio to and from the radio it will not do CAT Control. For that you need a TTL to RS232 converter G4ZLP makes some great ones for a very good price. http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml the 3rd one down is the one I have been using for over 5 years now on my TS-850. If your computer does not have a 9 pin RS232 port you will need a USB to RS232 converter get one with the FTDI? chipset.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Are you talking about radio control with HRD, or dm780 use for the
> signallink usb??? What can you not do??
>
>
> As long as you have been able to tell dm780 which sound card you are using,
> (i.e. the usb signalink) than it should work fine. Do you have other
> software running that could be control the sound or control?
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of dedubya55
> Sent: February-24-12 9:13 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] HRD with TS690S
>
> Hello group, I am new to the group. I want to know if any has had success
> using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for PSK31
> but cannot use HRD.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11157. Re: HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-25 15:48:50 UTC
From: short2ground@pacbell.net
Topic: 11154 Message: 11157

On my ts450 I was able to get rig control via HRD using a TTL-232R-5V-WE cable soldered to sd-60 CIRCULAR DIN 6 PIN MALE connector and programming the cable using ft_prog to invert the txd and rxd. Nice and clean using the 6 pin connector on the side of the rig to usb on the laptop. Can even control the rig from the couch downstairs using skype for audio. Basically I followed an article found on the web only I used the open wire end cable while they used a breakout board.

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of dedubya55
> Sent: February-24-12 9:13 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] HRD with TS690S
>
> Hello group, I am new to the group. I want to know if any has had success
> using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for PSK31
> but cannot use HRD.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11158. Re: [TS-850_450_690] Re: HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-25 17:53:14 UTC
From: david williams
Topic: 11154 Message: 11158

Do you still have the link for that web site? I would be interested

On Sat, Feb 25, 2012 at 9:48 AM, short2ground@... <
short2ground@pacbell.net> wrote:

> **
>
>
> On my ts450 I was able to get rig control via HRD using a TTL-232R-5V-WE
> cable soldered to sd-60 CIRCULAR DIN 6 PIN MALE connector and programming
> the cable using ft_prog to invert the txd and rxd. Nice and clean using the
> 6 pin connector on the side of the rig to usb on the laptop. Can even
> control the rig from the couch downstairs using skype for audio. Basically
> I followed an article found on the web only I used the open wire end cable
> while they used a breakout board.
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> > On Behalf Of dedubya55
> > Sent: February-24-12 9:13 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] HRD with TS690S
> >
> > Hello group, I am new to the group. I want to know if any has had success
> > using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for
> PSK31
> > but cannot use HRD.
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
>
>
>

[Non-text portions of this message have been removed]

11159. RE: [TS-850_450_690] Re: HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-25 22:37:31 UTC
From: Mike Mustachio
Topic: 11154 Message: 11159

David:

Sorry about Hijacking this thread, but I have the info you're looking for.

Here's a link to the article I followed. It used the breakout board, but it went together quickly, and works FB with my TS850.

If I was to do it over again, I would get the USB cable with the converter built in from Mouser, just makes for a cleaner project.

Hope this helps.

N2TBP Mike

> http://people.wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%20Replacement.html

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of david williams
Sent: Saturday, February 25, 2012 12:53 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: HRD with TS690S

Do you still have the link for that web site? I would be interested

On Sat, Feb 25, 2012 at 9:48 AM, short2ground@... <mailto:short2ground%40pacbell.net> < short2ground@... <mailto:short2ground%40pacbell.net> > wrote:

> **
>
>
> On my ts450 I was able to get rig control via HRD using a TTL-232R-5V-WE
> cable soldered to sd-60 CIRCULAR DIN 6 PIN MALE connector and programming
> the cable using ft_prog to invert the txd and rxd. Nice and clean using
the
> 6 pin connector on the side of the rig to usb on the laptop. Can even
> control the rig from the couch downstairs using skype for audio. Basically
> I followed an article found on the web only I used the open wire end cable
> while they used a breakout board.
>
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> [mailto:
> TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>]
> > On Behalf Of dedubya55

> > Sent: February-24-12 9:13 PM
> > To: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: [TS-850_450_690] HRD with TS690S
> >
> > Hello group, I am new to the group. I want to know if any has had
success
> > using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for
> PSK31
> > but cannot use HRD.
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11160. ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-27 20:12:54 UTC
From: J R
Topic: 9005 Message: 11160

i want to take time and thanks all you guys for responing the sell of my 850 kenwood
i had on here for 10 days and i thank you all for ur bids .
winning bid was 440.50 and shipping . sold as is .
and tnx for this yahoogroup .
 JR

[Non-text portions of this message have been removed]

11161. Should I sell it?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-27 16:47:24 UTC
From: Rick Hughes
Topic: 11161 Message: 11161

I have a Kenwood

TS-850SAT with original box serial #41100xxx

SP-31 Speaker with original box

PS-52 with original box

The DRU-2 Recording module for the TS-850

and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will work with newer computers)

I am thinking of selling the rig and upgrading to a Kenwood TS-590s

Am I wise to consider that or should I keep the 850?

I love my 850, it is in good working order, but the DSP units have peaked my interest with what appears to be better audio with the proper filtering configured.

Rick

VE3ATM

[Non-text portions of this message have been removed]

11162. Re: HRD with TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-27 18:10:08 UTC
From: short2ground@pacbell.net
Topic: 11154 Message: 11162

That is the link I used, thanks Mike. I got the cable and connector from a vendor that offers 1st class mail as a shipping option on small orders so I saved over 4 bux on shipping. That was "key" for me.

Dave
KO6FU

--- In TS-850_450_690@yahoogroups.com, "Mike Mustachio" <n2tbp@...> wrote:
>
> David:
>
> Sorry about Hijacking this thread, but I have the info you're looking for.
>
> Here's a link to the article I followed. It used the breakout board, but it
> went together quickly, and works FB with my TS850.
>
> If I was to do it over again, I would get the USB cable with the converter
> built in from Mouser, just makes for a cleaner project.
>
> Hope this helps.
>
> N2TBP Mike
>
> >
> http://people.wallawalla.edu/~Rob.Frohne/SDR/USB%20Interface/IF-232%20USB%20
> Replacement.html
>
>
>
>
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of david williams
> Sent: Saturday, February 25, 2012 12:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: HRD with TS690S
>
>
>
>
>
>
> Do you still have the link for that web site? I would be interested
>

> On Sat, Feb 25, 2012 at 9:48 AM, short2ground@...
> <mailto:short2ground%40pacbell.net> <
> short2ground@... <mailto:short2ground%40pacbell.net> > wrote:
>
> > **
> >
> >
> > On my ts450 I was able to get rig control via HRD using a TTL-232R-5V-WE
> > cable soldered to sd-60 CIRCULAR DIN 6 PIN MALE connector and programming
> > the cable using ft_prog to invert the txd and rxd. Nice and clean using
> the
> > 6 pin connector on the side of the rig to usb on the laptop. Can even
> > control the rig from the couch downstairs using skype for audio. Basically
> > I followed an article found on the web only I used the open wire end cable
> > while they used a breakout board.
> >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> [mailto:
> > TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>]
> > > On Behalf Of dedubya55
> > > Sent: February-24-12 9:13 PM
> > > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > Subject: [TS-850_450_690] HRD with TS690S
> > >
> > > Hello group, I am new to the group. I want to know if any has had
> success
> > > using Ham Radio Deluxe with a TS690S? I am using a Signalink USB for
> > PSK31
> > > but cannot use HRD.
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
> >
> >
> >
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11163. Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 01:20:06 UTC
From: ve3atm
Topic: 11163 Message: 11163

I have a Kenwood
TS-850SAT with original box serial #41100xxx
SP-31 Speaker with original box
PS-52 with original box
The DRU-2 Recording module for the TS-850
and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will work with newer computers)

I am thinking of selling the rig and upgrading to a Kenwood TS-590s

Am I wise to consider that or should I keep the 850?

I love my 850, it is in good working order, but the DSP units have peaked my interest with what appears to be better audio with the proper filtering configured.

Rick
VE3ATM

11164. Re: [TS-850_450_690] Should I sell it?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 03:53:27 UTC
From: John Parker
Topic: 11161 Message: 11164

I would keep it!

73,

John WH6DQU

Sent from my iPhone

On Feb 27, 2012, at 6:47 AM, Rick Hughes <ve3atm@...> wrote:

> I have a Kenwood
>
> TS-850SAT with original box serial #41100xxx
>
> SP-31 Speaker with original box
>
> PS-52 with original box
>
> The DRU-2 Recording module for the TS-850
>
> and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will
> work with newer computers)
>
> I am thinking of selling the rig and upgrading to a Kenwood TS-590s
>
> Am I wise to consider that or should I keep the 850?
>
> I love my 850, it is in good working order, but the DSP units have peaked my
> interest with what appears to be better audio with the proper filtering
> configured.
>
> Rick
>
> VE3ATM
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11165. Re: [TS-850_450_690] Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 03:59:03 UTC
From: Crownhaven
Topic: 11163 Message: 11165

I have both. Actually two TS-850S's. The TS-590S has a quieter receiver. You will be able to pull some of the very weak ones out on CW that are hard if not impossible to hear on the 850S. That is a fact. However, I'm sure some of the value of this depends on the noise at your QTH. I think the front panel on the 850/870/450/690 (have them all) are much easier to use. I personally don't like the sub-menus. For example, you can't just crank carrier up or down from the face of the radio without entering a sub menu. You can't turn the audio monitor off or on. You have to go into a sub menu. I wouldn't let this put you off though. I have heard owners of the K3 say the 590S is a piece of cake compared to Elecraft's sub menus. I can't speak from experience though.

My suggestion. Keep your 850S and get a 590 too. I go back and forth between mine as well as the 870 and 690. I will tell you that the 590 slaughters the 690 on six meter reception. Your mileage may vary.

Hope this helps.

Steve, N4JQQ

ve3atm wrote:
>
> I have a Kenwood
> TS-850SAT with original box serial #41100xxx
> SP-31 Speaker with original box
> PS-52 with original box
> The DRU-2 Recording module for the TS-850
> and Kenwood Interface IF-232C c/w Ham Windows software (not sure it
> will work with newer computers)
>
> I am thinking of selling the rig and upgrading to a Kenwood TS-590s
>
> Am I wise to consider that or should I keep the 850?
>
> I love my 850, it is in good working order, but the DSP units have
> peaked my interest with what appears to be better audio with the
> proper filtering configured.
>
> Rick
> VE3ATM
>
>

11166. Re: [TS-850_450_690] Should I sell it?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 04:23:30 UTC
From: Keon Hayes
Topic: 11161 Message: 11166

You wanna keep the 850. 1 big reason you wanna keep it is because the 5 ninety's, according to my personal experience using it does not have the selectivity that the 850 has. The 590 does not here like the 850.

590 is a great radio, similar to the 570 with the exception of roofing filters being at it and some other select ability. However, it is not an 850 and no uncertain terms.
On Feb 27, 2012 10:53 PM, "John Parker" <parkjv1@...> wrote:

> **
>
>
> I would keep it!
>
> 73,
>
> John WH6DQU
>
> Sent from my iPhone
>
> On Feb 27, 2012, at 6:47 AM, Rick Hughes <ve3atm@...> wrote:
>
> > I have a Kenwood
> >
> > TS-850SAT with original box serial #41100xxx
> >
> > SP-31 Speaker with original box
> >
> > PS-52 with original box
> >
> > The DRU-2 Recording module for the TS-850
> >
> > and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will
> > work with newer computers)
> >
> > I am thinking of selling the rig and upgrading to a Kenwood TS-590s
> >
> > Am I wise to consider that or should I keep the 850?
> >
> > I love my 850, it is in good working order, but the DSP units have
> peaked my
> > interest with what appears to be better audio with the proper filtering
> > configured.
> >
> > Rick

> >
> > VE3ATM
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11167. Re: Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 04:44:46 UTC
From: steve_wk2e
Topic: 11163 Message: 11167

Rick:

Glad to hear you have a wonderful 'old friend' like the TS-850. My buddy has a TS-940 and loves it, but in his less 'romantic' moments he realizes that for serious contests his Icom 756 Pro III is his only realistic choice. The 940 now spends about 1/4 of the time being shipped off for another repair, but he loves it and will never let it go.

The 590 is a tremendous radio, but without the personality of a 940 or 850. It works so well, so easily, that you can easily start to take it for granted. If you can, keep the 850 and enjoy them both. I have a ts-690 that I really like, and use at a vacation home. But for a contest, the 590 wins hands down.

I hope this helps - enjoy your 590 if you go that way! Be sure to upgrade it to the 1.06 firmware if comes with an earlier version - it makes a big difference. BTW, if do sell the 850, it should interface nicely to HRD with that rs232 adaptor you mention.

Steve Tharp WK2E

--- In TS-850_450_690@yahoogroups.com, "ve3atm" <ve3atm@...> wrote:
>
> I have a Kenwood
> TS-850SAT with original box serial #41100xxx
> SP-31 Speaker with original box
> PS-52 with original box
> The DRU-2 Recording module for the TS-850
> and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will work with newer computers)
>
> I am thinking of selling the rig and upgrading to a Kenwood TS-590s
>
> Am I wise to consider that or should I keep the 850?
>
> I love my 850, it is in good working order, but the DSP units have peaked my interest with what appears to be better audio with the proper filtering configured.
>
> Rick
> VE3ATM
>

11168. Re: [TS-850_450_690] Re: Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 13:24:18 UTC
From: Jordan
Topic: 11163 Message: 11168

You guys with this issue should consider an LP-Pan system....it turns your 850 rig into a dual rig using Psdr DSP and filtering ...

73...Jordan VE6ZT

----- Original Message -----
From: steve_wk2e
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 27, 2012 9:44 PM
Subject: [TS-850_450_690] Re: Should I keep my TS-850?

Rick:

Glad to hear you have a wonderful 'old friend' like the TS-850. My buddy has a TS-940 and loves it, but in his less 'romantic' moments he realizes that for serious contests his Icom 756 Pro III is his only realistic choice. The 940 now spends about 1/4 of the time being shipped off for another repair, but he loves it and will never let it go.

The 590 is a tremendous radio, but without the personality of a 940 or 850. It works so well, so easily, that you can easily start to take it for granted. If you can, keep the 850 and enjoy them both. I have a ts-690 that I really like, and use at a vacation home. But for a contest, the 590 wins hands down.

I hope this helps - enjoy your 590 if you go that way! Be sure to upgrade it to the 1.06 firmware if comes with an earlier version - it makes a big difference. BTW, if do sell the 850, it should interface nicely to HRD with that rs232 adaptor you mention.

Steve Tharp WK2E

--- In TS-850_450_690@yahoogroups.com, "ve3atm" <ve3atm@...> wrote:
>
> I have a Kenwood
> TS-850SAT with original box serial #41100xxx
> SP-31 Speaker with original box
> PS-52 with original box
> The DRU-2 Recording module for the TS-850
> and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will work with newer computers)
>
> I am thinking of selling the rig and upgrading to a Kenwood TS-590s
>
> Am I wise to consider that or should I keep the 850?
>
> I love my 850, it is in good working order, but the DSP units have peaked my interest with what appears to be better audio with the proper filtering configured.
>
> Rick

> VE3ATM
>

[Non-text portions of this message have been removed]

11169. Re: [TS-850_450_690] Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 13:25:24 UTC
From: Bob Richie
Topic: 11163 Message: 11169

I have a TS 590 and love it but I kept my TS 450. If you have to get a second job for a while in order to get the TS 590, do that but keep the TS 850.

Bob
K5YB
Kerrville, TX 78028

_____
From: ve3atm <ve3atm@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 27, 2012 7:20 PM
Subject: [TS-850_450_690] Should I keep my TS-850?

I have a Kenwood
TS-850SAT with original box serial #41100xxx
SP-31 Speaker with original box
PS-52 with original box
The DRU-2 Recording module for the TS-850
and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will work with newer computers)

I am thinking of selling the rig and upgrading to a Kenwood TS-590s

Am I wise to consider that or should I keep the 850?

I love my 850, it is in good working order, but the DSP units have peaked my interest with what appears to be better audio with the proper filtering configured.

Rick
VE3ATM

[Non-text portions of this message have been removed]

11170. Re: Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 13:35:27 UTC
From: John tf
Topic: 11163 Message: 11170

Rick ,
Any chance you know someone with the 590 ?
Try to get a chance to sit behind it for a long test drive , and then what are you favorite modes , a friend wanted to trade for mine , because he said something about AM on the 850 he missed since he sold it , so he regretted selling .
Also a well set up 850 has some of the best audio on the airwaves , I have had operators during contesting in a pileup ask about my station , because of the good audio they received .
I want to get some other rigs - Icom 756Pro II & Yaesu FT-1000 , but I am also looking for a spare TS-850 just incase of issues , I already did all the caps on CAR board , battery & some caps for display on mine .
I would miss the 850 if something unrepairable would happen .
John
KD0CAC
73

[Non-text portions of this message have been removed]

11171. TS-850 - receiver overload

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 15:44:27 UTC
From: Kurt Cathcart
Topic: 11171 Message: 11171

My TS-850 has seemed to have developed a problem. Stations that are S9 or better are overloading the receiver. Stations that are as far away as 25 or 30KHz are causing interference even though I'm a 1.8k filter and the DSP-100 filter settings are narrow. My TS-450 and R-5000 with the same filter don't seem to have this problem. Yes the AIP and attenuators have some affect but I don't think a station that far away should be a problem. I also frequent a net so using the AIP and attenuator puts me at a disadvantage for the weaker stations.

11172. Re: Should I sell it?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 19:34:34 UTC
From: Joop!
Topic: 11161 Message: 11172

Keeping the TS-850 looks fine but:

Don?t forget the age of the rig...it is probably 25 years old or so.
I had one of the latest series and sold it thinking it was still okay.
The next owner first did a complete revision of all the caps, because
there were already a few leaking. He also did replace the battery which
was starting to leak.

What I mean is: You must do the things standing above for keeping it
alive, or just selling it.
Every unrecapped TS-850 will probably have leaking caps by now, so add
also the price for a re-cap when you want to keep it!!

I sold my TS-850 because of the tiring noise in the narrow filtering.
Bought a 2nd hand ft-1000MP Mark V Field. That means analog and/or
digital filtering, just how you want it.
It took abouth 4 months for adjusting my thinking and doing, because
almost everything worked in a different way, or was in a different place.
I wanted a "big" radio, with "big" knobs, easily adjustable.
As soon as Elecraft makes the K3 in this size, I will have a divorce and
buy it!

Joop Schalkwijk / PD2JAM

11173. Re: [TS-850_450_690] Should I sell it?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-28 22:02:27 UTC
From: Tom Osborne
Topic: 11161 Message: 11173

Hi Rick

Those TS-850's are really nice radios.

Only problem is that parts are getting hard to find (and expensive). About the only place you can get most of the boards any more is on eBay and they charge an arm and a leg for them.

I have 2 TS-450's here and plan on keeping them till they just don't work any more. 73

I have a Kenwood

TS-850SAT with original box serial #41100xxx

SP-31 Speaker with original box

PS-52 with original box

The DRU-2 Recording module for the TS-850

and Kenwood Interface IF-232C c/w Ham Windows software (not sure it will work with newer computers)

I am thinking of selling the rig and upgrading to a Kenwood TS-590s

Am I wise to consider that or should I keep the 850?

I love my 850, it is in good working order, but the DSP units have peaked my interest with what appears to be better audio with the proper filtering configured.

Rick

VE3ATM

11174. Re: Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-02-29 11:14:29 UTC
From: Jim
Topic: 11163 Message: 11174

I have a TS450 also and it easily beats my Icom R75 as a DX machine on all bands. It's much quieter and has better audio. I hope to keep it forever and just repair / get it repaired if problems arise. Jim WA1EDN

--- In TS-850_450_690@yahoogroups.com, Bob Richie <bob.k5yb@...> wrote:
>
> I have a TS 590 and love it but I kept my TS 450. Â If you have to get a second job for a while in order to get the TS 590, do that but keep the TS 850.
> Â
> Bob
> K5YB
> Kerrville, TX 78028
>
>

11175. 850 6 pin din pinout

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-02 02:17:12 UTC
From: Wolfie
Topic: 11175 Message: 11175

Looking for the pinout of the 6 pin din connector for the if232 interface. I can find the female connector and the male plug pinout on the web, but none that show which side of the connector they are showing. I just bought a couple Breakout Boards for FT232RL USB to Serial, but need the pinout...
tnx
Ed N3UE

11176. Re: [TS-850_450_690] 850 6 pin din pinout

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-02 02:56:42 UTC
From: Jesse Dominguez
Topic: 11175 Message: 11176

http://www.coilgun.info/hamradio/cat_control.htm

Hope this helps
On Mar 1, 2012 8:22 PM, "Wolfie" <n3ue@...> wrote:
>
>
>
> Looking for the pinout of the 6 pin din connector for the if232
interface. I can find the female connector and the male plug pinout on the
web, but none that show which side of the connector they are showing. I
just bought a couple Breakout Boards for FT232RL USB to Serial, but need
the pinout...
> tnx
> Ed N3UE
>
>

[Non-text portions of this message have been removed]

11177. Re: Should I keep my TS-850?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-03 23:54:55 UTC
From: ve3atm
Topic: 11163 Message: 11177

I must apologize for the late response to all those who provided input to my question. We have been watching our 16 month old grandson who kept us quite busy the entire time he was here.

I am not an overly active Ham Radio operator, using my rig only 1 - 2 hours per week at most, most weeks less than 30 minutes. I retired a year ago, but so far have found little additional time to spend on the radio.

As many of you have stated, the 850 is a great rig, with many features and awsome receive capabilities. But, the hearing is not what it use to be so I think I will sell the rig now and purchase one of the newer DSP rigs such as the TS-590.

So, if you are looking for a good used TS-850SAT I will be selling it on eBay, posting it next week. I will also be selling the PS-52 power supply and the SP-31 speaker, all in their original boxes.

I have not been on this group long, but I did find the post most informative and a great group of people willing to share their ideas and solutions.

Again, thank you to all who responded

Rick
VE3ATM

--- In TS-850_450_690@yahoogroups.com, "Jim" <jim01028@...> wrote:
>
> I have a TS450 also and it easily beats my Icom R75 as a DX machine on all bands. It's much quieter and has better audio. I hope to keep it forever and just repair / get it repaired if problems arise. Jim WA1EDN
>
> --- In TS-850_450_690@yahoogroups.com, Bob Richie <bob.k5yb@> wrote:
> >
> > I have a TS 590 and love it but I kept my TS 450. Â If you have to get a second job for a while in order to get the TS 590, do that but keep the TS 850.
> > Â
> > Bob
> > K5YB
> > Kerrville, TX 78028
> >
> >
>

11178. Re: 850 6 pin din pinout

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-03 17:27:46 UTC
From: Wolfie
Topic: 11175 Message: 11178

I have the board wired, but was unresponsive.
Finally swapped the txd and rxd lines, and now all is ok.
Now I have a spare Kenwood IF-232C lying around...

11179. TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-04 07:25:54 UTC
From: Eric
Topic: 11179 Message: 11179

Hello! I have a TS-850 that has distorted transmit audio in all modes and in all bands. In AM and SSB, I can hear a raspy sound, even though the microphone is removed. Additionally, in CW the CW note has a warbling and raspy note. When hooked up to a battery the distortion is worse. When the TX audio is monitored with the moni function, the TX audio sounds fine. When connected to a battery, the distortion is worse. Receive audio is fine. ANy ideas where I can look?

11180. Re: [TS-850_450_690] TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-04 14:04:03 UTC
From: John Kramer
Topic: 11179 Message: 11180

Have you got any modem or computer plugged into the back of the TS-850 ? There was a problem (and there is a mod for this distorted audio when you have a modem logged into the back of the rig)
If not that, then it sounds like RF feedback. Try grounding your rig well on the earth screw
at the back

73

On 04 Mar 2012, at 9:25 AM, Eric wrote:

Hello! I have a TS-850 that has distorted transmit audio in all modes and in all bands. In AM and SSB, I can hear a raspy sound, even though the microphone is removed. Additionally, in CW the CW note has a warbling and raspy note. When hooked up to a battery the distortion is worse. When the TX audio is monitored with the moni function, the TX audio sounds fine. When connected to a battery, the distortion is worse. Receive audio is fine. ANy ideas where I can look?

[Non-text portions of this message have been removed]

11181. Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-04 20:48:06 UTC
From: dedubya55
Topic: 11181 Message: 11181

Need help setting up TS690S. I purchased a CAT cable usb to serial from ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info from you guys would be appreciated.

11182. Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-04 21:42:30 UTC
From: Eric
Topic: 11179 Message: 11182

Hello John;

I guess I should have been more detailed in my description. The distorted TX audio came on suddenly and I did not have any modem or computer plugged into the radio. I am aware of the issue you raised, it is in one of the bulletins put out by Kenwood. It is not applicable here. The raspy sound I described with the microphone removed in AM / SSB was with power, mic gain and car controls at minimum, while in transmit mode into a dummy load as monitored in a seperate receiver. The receiver had a short antenna attached to it, and the 40Db attenuator was selected. The radio was being used in my vehicle at the time and the case was properly grounded to the vehicle chassis. The antenna was the same mobile set up I have been using for several years and was also properly installed. As a precaution, I did check for any loose connections, or damaged coax at the mobile antenna. Everything appeared to be in order. A common mode choke was used to help prevent RF currents from traveling along the coax back to the radio. My first reaction, after confirming the problem, was the possibility that one of the capacitors had leaked on the CAR Unit, especially that 47uF 16vdc electrolytic, but I could not find any evidence of leakage at any of the electrolytics on that board. All of the DDS chips on the board are the newer units. When I monitor my TX audio by using the Monitor function, the audio sounds fine. I used the microphone and the DRU-2 to generate the test audio. The monitor audio is detected at the 8.83Mhz IF, before the final TX mixing occurs. I then monitored the TX audio at the input of the FINAL Unit with the same distorted audio result. I have a spare, defunct TS-850 given to me by a Mariner that has corrosion issues, but most of the boards look clean. I could swap them out one by one until the problem gets fixed, or worsens. I dont want to have to do that if I can avoid it.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...> wrote:
>
> Have you got any modem or computer plugged into the back of the TS-850 ? There was a
> problem (and there is a mod for this distorted audio when you have a modem logged into
> the back of the rig)
> If not that, then it sounds like RF feedback. Try grounding your rig well on the earth
screw
> at the back
>
> 73
>
>
>

11183. Re: [TS-850_450_690] Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 00:09:26 UTC
From: Jordan
Topic: 11179 Message: 11183

Sounds like a VCO cap (or more) needs a tweak or two...

73...Jordan VE6ZT

----- Original Message -----
From: Eric
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 04, 2012 2:42 PM
Subject: [TS-850_450_690] Re: TS-850 distorted TX

Hello John;

I guess I should have been more detailed in my description. The distorted TX audio came on suddenly and I did not have any modem or computer plugged into the radio. I am aware of the issue you raised, it is in one of the bulletins put out by Kenwood. It is not applicable here. The raspy sound I described with the microphone removed in AM / SSB was with power, mic gain and car controls at minimum, while in transmit mode into a dummy load as monitored in a seperate receiver. The receiver had a short antenna attached to it, and the 40Db attenuator was selected. The radio was being used in my vehicle at the time and the case was properly grounded to the vehicle chassis. The antenna was the same mobile set up I have been using for several years and was also properly installed. As a precaution, I did check for any loose connections, or damaged coax at the mobile antenna. Everything appeared to be in order. A common mode choke was used to help prevent RF currents from traveling along the coax back to the radio. My first reaction, after confirming the problem, was the possibility that one of the capacitors had leaked on the CAR Unit, especially that 47uF 16vdc electrolytic, but I could not find any evidence of leakage at any of the electrolytics on that board. All of the DDS chips on the board are the newer units. When I monitor my TX audio by using the Monitor function, the audio sounds fine. I used the microphone and the DRU-2 to generate the test audio. The monitor audio is detected at the 8.83Mhz IF, before the final TX mixing occurs. I then monitored the TX audio at the input of the FINAL Unit with the same distorted audio result. I have a spare, defunct TS-850 given to me by a Mariner that has corrosion issues, but most of the boards look clean. I could swap them out one by one until the problem gets fixed, or worsens. I dont want to have to do that if I can avoid it.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, John Kramer <jkramer@...> wrote:
>
> Have you got any modem or computer plugged into the back of the TS-850 ? There was a
> problem (and there is a mod for this distorted audio when you have a modem logged into
> the back of the rig)
> If not that, then it sounds like RF feedback. Try grounding your rig well on the earth
screw
> at the back
>

> 73
>
>
>

[Non-text portions of this message have been removed]

11184. RE: [TS-850_450_690] Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 00:37:52 UTC
From: Dave Gmail
Topic: 11181 Message: 11184

Usb to serial ????? can you be more specific as to which one. Does it include the if232c to 6 pin din for the 690, or is the 690 different

Does it have the chipset needed or installed???

Settings should be 4800,8,n,2, check control panel to confirm the com port assigned to the device...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of dedubya55
Sent: March-04-12 3:48 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Cat control TS690S

Need help setting up TS690S. I purchased a CAT cable usb to serial from ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info from you guys would be appreciated.

THANKS FOR USING TS-850_450_690@...! Groups Links

11185. Re: Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 01:32:57 UTC
From: Mel
Topic: 11181 Message: 11185

Hi,
With the USB cables that have a chipset for serial conversion built into the cable require an appropriate software driver for the USB. I bought one from Ebay. The seller gave the URL link to be able to download the appropriate driver but did not provide a CD with the software on it with the product. Please go back and read the Ebay ad carefully where you bought the USB to 690 attachment cable. 73, Mel - KF6OZ

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Usb to serial ????? can you be more specific as to which one. Does it
> include the if232c to 6 pin din for the 690, or is the 690 different
>
> Does it have the chipset needed or installed???
>
>
> Settings should be 4800,8,n,2, check control panel to confirm the com port
> assigned to the device...
>
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of dedubya55
> Sent: March-04-12 3:48 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Cat control TS690S
>
> Need help setting up TS690S. I purchased a CAT cable usb to serial from
> ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info from you
> guys would be appreciated.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11186. Re: [TS-850_450_690] Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 01:06:53 UTC
From: david williams
Topic: 11181 Message: 11186

I bought the cable from affordableradio ebay listed as 6' USB cable
kenwood TS690S it will not connect to HRD

On Sun, Mar 4, 2012 at 6:37 PM, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Usb to serial ????? can you be more specific as to which one. Does it
> include the if232c to 6 pin din for the 690, or is the 690 different
>
> Does it have the chipset needed or installed???
>
> Settings should be 4800,8,n,2, check control panel to confirm the com port
> assigned to the device...
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of dedubya55
> Sent: March-04-12 3:48 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Cat control TS690S
>
> Need help setting up TS690S. I purchased a CAT cable usb to serial from
> ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info from you
> guys would be appreciated.
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11187. Re: [TS-850_450_690] Re: Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 01:35:49 UTC
From: david williams
Topic: 11181 Message: 11187

Yes I loaded the usb driver provided. Prolific driver.

On Sun, Mar 4, 2012 at 7:32 PM, Mel <mel@...> wrote:

> **
>
>
> Hi,
> With the USB cables that have a chipset for serial conversion built into
> the cable require an appropriate software driver for the USB. I bought one
> from Ebay. The seller gave the URL link to be able to download the
> appropriate driver but did not provide a CD with the software on it with
> the product. Please go back and read the Ebay ad carefully where you bought
> the USB to 690 attachment cable. 73, Mel - KF6OZ
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
> >
> > Usb to serial ????? can you be more specific as to which one. Does it
> > include the if232c to 6 pin din for the 690, or is the 690 different
> >
> > Does it have the chipset needed or installed???
> >
> >
> > Settings should be 4800,8,n,2, check control panel to confirm the com
> port
> > assigned to the device...
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@...m [mailto:
> TS-850_450_690@yahoogroups.com]
> > On Behalf Of dedubya55
> > Sent: March-04-12 3:48 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Cat control TS690S
> >
> > Need help setting up TS690S. I purchased a CAT cable usb to serial from
> > ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info from you
> > guys would be appreciated.
> >
> >

> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
>
>
>

[Non-text portions of this message have been removed]

11188. Re: [TS-850_450_690] Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 01:58:59 UTC
From: Mel Cruts
Topic: 11181 Message: 11188

I see this in an affordable radio Ebay ad:
TS-450s, TS-690s, TS-790s, TS-850s, TS-950s

* TS-140s, TS-680s - requires Kenwood IF-10C
* TS-711A, TS-811A - requires Kenwood IF-10A
* TS-50s, TS-60s - requires Kenwood IF-10D
* TS-940s - requires Kenwood IF-10B
* TS-440s - requires Kenwood IC-10
* R-5000 - requires Kenwood IC-10

USB driver download from here: usbdriver.zip (we do not ship software
CD)

if your radio model not listed above, please see my other item or email
us.

The "here: usbdriver.zip" is the link you need. You also may have to
interact with
the XP or Win7 control panel (Device Manager) to see which COM port it
gets assigned to when the
machine starts up. Device Manager shows mine coming up on COM6 on my
Win7 laptop machine.
73,
Mel - KF6OZ

On Sun, 2012-03-04 at 19:06 -0600, david williams wrote:

>
>
> I bought the cable from affordableradio ebay listed as 6' USB cable
> kenwood TS690S it will not connect to HRD
>
> On Sun, Mar 4, 2012 at 6:37 PM, Dave Gmail <ve3wej@gmail.com> wrote:
>
> > **
> >
> >
> > Usb to serial ????? can you be more specific as to which one. Does
> it
> > include the if232c to 6 pin din for the 690, or is the 690 different
> >
> > Does it have the chipset needed or installed???
> >
> > Settings should be 4800,8,n,2, check control panel to confirm the
> com port
> > assigned to the device...

> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:
> > TS-850_450_690@yahoogroups.com]
> > On Behalf Of dedubya55
> > Sent: March-04-12 3:48 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Cat control TS690S
> >
> > Need help setting up TS690S. I purchased a CAT cable usb to serial
> from
> > ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info from
> you
> > guys would be appreciated.
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

11189. Re: [TS-850_450_690] Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 02:08:02 UTC
From: Tom Osborne
Topic: 11181 Message: 11189

>Need help setting up TS690S. I purchased a CAT cable usb to serial from
>ebay. ACC1 of 690 to usb. >HRD will not connect to 690. Any info from you
>guys would be appreciated.

Did you go to device manager and see which comport the USB cable is set to?
HRD has to be set to the same comport.

I have a TS-450SAT and they are about the same. The settings on mine is
4800, CTS and RTS checked.

Did you do an 'auto detect' on HRD? It will step through the comports and
find the right one and the right connection speed. 73
Tom W7WHY

11190. Re: [TS-850_450_690] Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 02:55:10 UTC
From: Tom Osborne
Topic: 11181 Message: 11190

Dave is right. You need a CAT cable, not just a plain cable. I misunderstood your first question.

If you Google ZLP Electronics, Neal has some good cables for the 450/690 radios. He has some serial cables and some USB CAT cables. They come from the U.K., but he makes some really good stuff. I have 3 of them here. Only took 6 days to get it from the U.K. 73

Tom W7WHY

Usb to serial ????? can you be more specific as to which one. Does it include the if232c to 6 pin din for the 690, or is the 690 different

Does it have the chipset needed or installed???

Settings should be 4800,8,n,2, check control panel to confirm the com port assigned to the device...

11191. RE: [TS-850_450_690] Cat control TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-05 22:43:22 UTC
From: Dave Gmail
Topic: 11181 Message: 11191

Ok, yes you will need the usb driver to assign a com port to it..

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of david williams
Sent: March-04-12 8:07 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Cat control TS690S

I bought the cable from affordableradio ebay listed as 6' USB cable
kenwood TS690S it will not connect to HRD

On Sun, Mar 4, 2012 at 6:37 PM, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Usb to serial ????? can you be more specific as to which one. Does it
> include the if232c to 6 pin din for the 690, or is the 690 different
>
> Does it have the chipset needed or installed???
>
> Settings should be 4800,8,n,2, check control panel to confirm the com
> port assigned to the device...
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of dedubya55
> Sent: March-04-12 3:48 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Cat control TS690S
>
> Need help setting up TS690S. I purchased a CAT cable usb to serial
> from ebay. ACC1 of 690 to usb. HRD will not connect to 690. Any info
> from you guys would be appreciated.
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11192. TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-09 12:53:00 UTC
From: kangarooman_01
Topic: 7959 Message: 11192

Hi all could someone direct me to the location of Q50 and R46 on the IF board, my circuit diagram / board layout is a copy of a copy and very hard to read.
Trying to rectify a no transmit fault
Cheers
Martin
VK4HMD

11193. Re: [TS-850_450_690] TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-09 16:43:58 UTC
From: Tom Osborne
Topic: 7959 Message: 11193

Hi Martin

Q50 is to the left and just below CN6. It is next to C212.

R46 is on the bottom edge of the board, just above CN5 and next to C35.

Hope that helps. 73
Tom W7WHY

next to C35 on the bottom edge of the board.

Hi all could someone direct me to the location of Q50 and R46 on the IF board, my circuit diagram / board layout is a copy of a copy and very hard to read.
Trying to rectify a no transmit fault
Cheers
Martin
VK4HMD

11194. adjusting display , manual ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-09 14:53:42 UTC
From: johnfaughn
Topic: 11194 Message: 11194

I bought this radio last end of summer from a silent keys estate and it had a number of issues with leaky caps , the CAR board , then a couple of through-hole in the power area near back of rig .
Replaced all of those and changed out the battery & holder .
The display was still a little off 3 to 8 kc depending on band , I tried to use the method in the owners manual [like many there is a lot left out] , it says to remove CAR board , but not specific weather to just get out of way to put jumper in place , or to disconnect all electrical connections for this proceeder .
I do not seem to get the rig to respond during adjustment , with CAR board laying to one side but still connected .
Also I would think a more precise way to do , would do adjustment while monitoring a voltage or frequency , but that is not mentioned .
Any info ?
Thanks John
KD0CAC
73

11195. TS450S upgrade ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-09 15:19:04 UTC
From: Richard Schmuke
Topic: 7959 Message: 11195

This might be a little off the group guidelines but I tried to join the 590s group and got no response. I have a TS-450SAT and I am getting ready to pass it on and get a new TS-590 rig. I have a question for any one familiar with the VGS1 voice recorder. Everything I read about it is about recording incoming sounds off the air and letting you know information on your radio. I have no interest in either one.

My question is it any good for recording your voice and calling CQ and/or contesting. If it does not work as easy as other push button recorders I don't want to waste my money. I already have a MFJ-434B

I called a couple of dealers and they could only repeat the advertisement information on receive recording.

Rich , Kd0zz

[Non-text portions of this message have been removed]

11196. RE: [TS-850_450_690] TS450S upgrade ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-09 19:43:52 UTC
From: Rick Hughes
Topic: 7959 Message: 11196

I am looking at purchasing a TS-590s once I sell my TS-850 on eBay. I printed out the manual and just finished reading through the section on the VGS-1 option.

It does, if you turn on the option in the menu, play the last 30 seconds of received audio and if turned on will give voice prompts to settings but it will also allow you to record 4 different (only 3 if you use the last 30 seconds of received audio option)

The first two are 30 seconds each and the last 2 are 15 seconds each. You can press the appropriate button to play back just one of the recordings or press two or more of the buttons in the sequence you want to play back each of the recordings in sequence. There is also a setting to adjust the time between recording playback (1 - 10 seconds)

To record you press and hold the [CH1 (REC)] or [CH2 (REC)] [CH2 (REC)] or [CH3 (REC)] or the [RX/4 (REC)] button. To play back the recorded audio from any of the 4 recordings you quickly press the same button while pressing the Send button or holding down the Mic button. You can also adjust the playback volume by adjusting menu option 05, menu option 06 is used to adjust the volume or turn off the Voice Guide option 09 turns on or off the Auto Announcement.

You may want to go to the Kenwood site and download a copy of the TS-590s manual for full details, but the above describes what it can do, just not the details on how to record the recording, clear them or erase them.

If you figure out how to join the TS-590s group let me know as I have not had any success as yet.

Rick

VE3ATM

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Richard Schmuke
Sent: March-09-12 10:19 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450S upgrade ?

This might be a little off the group guidelines but I tried to join the 590s group and got no response. I have a TS-450SAT and I am getting ready to pass it on and get a new TS-590 rig. I have a question for any one familiar with the VGS1 voice recorder. Everything I read about it is about recording incoming sounds off the air and letting you know information on your radio. I have no interest in either one.

My question is it any good for recording your voice and calling CQ and/or contesting. If it does not work as easy as other push button recorders I don't want to waste my money. I already have a MFJ-434B

I called a couple of dealers and they could only repeat the advertisement information on receive recording.

Rich , Kd0zz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11197. Re: [TS-850_450_690] TS450S upgrade ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-09 21:02:26 UTC
From: Bob Richie
Topic: 7959 Message: 11197

Rick, I used to be on the TS 590 group but dropped it because of a lot of silliness. There was a long thread about where the radios were made and where the boxes were made and I did not get anything of value from the group. I have a TS 590 and love the rig. I also have a TS 450 - it's a nice rig too. Enjoy your TS 590.

Bob
K5YB
Kerrville, TX 78028

From: Rick Hughes <ve3atm@hotmail.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 9, 2012 1:43 PM
Subject: RE: [TS-850_450_690] TS450S upgrade ?

I am looking at purchasing a TS-590s once I sell my TS-850 on eBay. I printed out the manual and just finished reading through the section on the VGS-1 option.

It does, if you turn on the option in the menu, play the last 30 seconds of received audio and if turned on will give voice prompts to settings but it will also allow you to record 4 different (only 3 if you use the last 30 seconds of received audio option)

The first two are 30 seconds each and the last 2 are 15 seconds each. You can press the appropriate button to play back just one of the recordings or press two or more of the buttons in the sequence you want to play back each of the recordings in sequence. There is also a setting to adjust the time between recording playback (1 - 10 seconds)

To record you press and hold the [CH1 (REC)] or [CH2 (REC)] [CH2 (REC)] or [CH3 (REC)] or the [RX/4 (REC)] button. To play back the recorded audio from any of the 4 recordings you quickly press the same button while pressing the Send button or holding down the Mic button. You can also adjust the playback volume by adjusting menu option 05, menu option 06 is used to adjust the volume or turn off the Voice Guide option 09 turns on or off the Auto Announcement.

You may want to go to the Kenwood site and download a copy of the TS-590s manual for full details, but the above describes what it can do, just not the details on how to record the recording, clear them or erase them.

If you figure out how to join the TS-590s group let me know as I have not had any success as yet.

Rick

VE3ATM

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Richard Schmuke
Sent: March-09-12 10:19 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450S upgrade ?

This might be a little off the group guidelines but I tried to join the 590s group and got no response. I have a TS-450SAT and I am getting ready to pass it on and get a new TS-590 rig. I have a question for any one familiar with the VGS1 voice recorder. Everything I read about it is about recording incoming sounds off the air and letting you know information on your radio. I have no interest in either one.

My question is it any good for recording your voice and calling CQ and/or contesting. If it does not work as easy as other push button recorders I don't want to waste my money. I already have a MFJ-434B

I called a couple of dealers and they could only repeat the advertisement information on receive recording.

Rich , Kd0zz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11198. RE: [TS-850_450_690] TS450S upgrade ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-10 00:24:56 UTC
From: Richard Schmuke
Topic: 7959 Message: 11198

Thank you for your help gentlemen, the VGS-1 is a good thing I am sure but it does not sound like it suits itself to contesting as well as my MFJ-434B. The MFJ has 5 buttons on the front and a quick press starts the five different recordings and if you hold it for about one second the recording will repeat with a delay amount easy adjusted with a knob on the front. To record is just as easy. I will order the TS-590 and look forward to the next contest and better receiving.

Rich , Kd0zz

Subject: Re: [TS-850_450_690] TS450S upgrade ?

Rick, I used to be on the TS 590 group but dropped it because of a lot of silliness. There was a long thread about where the radios were made and where the boxes were made and I did not get anything of value from the group. I have a TS 590 and love the rig. I also have a TS 450 - it's a nice rig too. Enjoy your TS 590.

Bob
K5YB
Kerrville, TX 78028

From: Rick Hughes <ve3atm@... <mailto:ve3atm%40hotmail.com> >
I am looking at purchasing a TS-590s once I sell my TS-850 on eBay. I printed out the manual and just finished reading through the section on the VGS-1 option.

It does, if you turn on the option in the menu, play the last 30 seconds of received audio and if turned on will give voice prompts to settings but it will also allow you to record 4 different (only 3 if you use the last 30 seconds of received audio option)

The first two are 30 seconds each and the last 2 are 15 seconds each. You can press the appropriate button to play back just one of the recordings or press two or more of the buttons in the sequence you want to play back each of the recordings in sequence. There is also a setting to adjust the time between recording playback (1 - 10 seconds)

To record you press and hold the [CH1 (REC)] or [CH2 (REC)] [CH2 (REC)] or [CH3 (REC)] or the [RX/4 (REC)] button. To play back the recorded audio from any of the 4 recordings you quickly press the same button while pressing the Send button or holding down the Mic button. You can also adjust the playback volume by adjusting menu option 05, menu option 06 is used to adjust the volume or turn off the Voice Guide option 09 turns on or off the Auto Announcement.

You may want to go to the Kenwood site and download a copy of the TS-590s manual for full details, but the above describes what it can do, just not

the details on how to record the recording, clear them or erase them.

If you figure out how to join the TS-590s group let me know as I have not had any success as yet.

Rick

VE3ATM

From: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> [mailto:TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>] On Behalf Of Richard Schmuke
Sent: March-09-12 10:19 AM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Subject: [TS-850_450_690] TS450S upgrade ?

This might be a little off the group guidelines but I tried to join the 590s group and got no response. I have a TS-450SAT and I am getting ready to pass it on and get a new TS-590 rig. I have a question for any one familiar with the VGS1 voice recorder. Everything I read about it is about recording incoming sounds off the air and letting you know information on your radio. I have no interest in either one.

My question is it any good for recording your voice and calling CQ and/or contesting. If it does not work as easy as other push button recorders I don't want to waste my money. I already have a MFJ-434B

I called a couple of dealers and they could only repeat the advertisement information on receive recording.

Rich , Kd0zz

[

[Non-text portions of this message have been removed]

11199. Re: [TS-850_450_690] adjusting display , manual ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-10 14:55:24 UTC
From: John tf
Topic: 11194 Message: 11199

I left out that it was a TS-850 .
KD0CAC

On Fri, Mar 9, 2012 at 8:53 AM, johnfaughn <john.faughn@...> wrote:

> **
>
>
> I bought this radio last end of summer from a silent keys estate and it
> had a number of issues with leaky caps , the CAR board , then a couple of
> through-hole in the power area near back of rig .
> Replaced all of those and changed out the battery & holder .
> The display was still a little off 3 to 8 kc depending on band , I tried
> to use the method in the owners manual [like many there is a lot left out
>] , it says to remove CAR board , but not specific weather to just get out
> of way to put jumper in place , or to disconnect all electrical connections
> for this proceeder .
> I do not seem to get the rig to respond during adjustment , with CAR board
> laying to one side but still connected .
> Also I would think a more precise way to do , would do adjustment while
> monitoring a voltage or frequency , but that is not mentioned .
> Any info ?
> Thanks John
> KD0CAC
> 73
>
>
>

[Non-text portions of this message have been removed]

11200. TS-940

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-11 19:59:41 UTC
From: Tom Osborne
Topic: 11200 Message: 11200

Why did the TS-940 get such a bum rap? It seems as though a lot of people think it was a step backwards from the TS-930.

What is actually the biggest problem with this rig? Thanks and 73
Tom W7WHY

11201. Re: TS-940

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-11 21:47:11 UTC
From: skarbows
Topic: 11200 Message: 11201

Who's giving the 940 a bad rap? I have a 940 and a 930. Both are good solid radios but they have different feels. The 930 is good for rag chewing - the receiver is smooth and quiet but not as selective as the 940. The 940 is more selective but the AGC action is not as smooth as the 930. The 940 has an improved power supply, and can be computer controlled. You kinda need both....

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Why did the TS-940 get such a bum rap? It seems as though a lot of people
> think it was a step backwards from the TS-930.
>
> What is actually the biggest problem with this rig? Thanks and 73
> Tom W7WHY
>

11202. TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-12 14:10:15 UTC
From: Richard Schmuke
Topic: 11202 Message: 11202

I posted a set of pictures if needed on Photobucket. The radio was not in use for about 7 years when I lived in a restricted area. I retired, moved, then in the summer of 2007 I sent the radio to Communications Services and had it gone thru by Cal Fisher NF5P. It was all checked and recalibrated and came back at 105 watt CW.
It has been run on SSB all the time so never at full power CW.
Original book, shipping foam and boxes, power cord, mike plus the computer interface cable.
Built in antenna tuner. S/N 603000xxx I have seen clean rigs like this go as of late for $550. Never been to field day with it , I have a TS-430 for field day. I just ordered a TS-590S and need to room.
I am asking for $500, OBO, plus shipping to you location.

Rich , Kd0zz
Pictures at

Http://s1102.photobucket.com/albums/g453/KD0ZZ/TS-450SAT/

11203. Re: [TS-850_450_690] Re: TS-940

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-12 15:24:59 UTC
From: Bob Naylor
Topic: 11200 Message: 11203

Can you ever have too many? LOLBob WE6C

--- On Sun, 3/11/12, skarbows <dskarbow@...> wrote:

From: skarbows <dskarbow@...>
Subject: [TS-850_450_690] Re: TS-940
To: TS-850_450_690@yahoogroups.com
Date: Sunday, March 11, 2012, 2:47 PM

Who's giving the 940 a bad rap? I have a 940 and a 930. Both are good solid radios but they have different feels. The 930 is good for rag chewing - the receiver is smooth and quiet but not as selective as the 940. The 940 is more selective but the AGC action is not as smooth as the 930. The 940 has an improved power supply, and can be computer controlled. You kinda need both....

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:

>

> Why did the TS-940 get such a bum rap? It seems as though a lot of people

> think it was a step backwards from the TS-930.

>

> What is actually the biggest problem with this rig? Thanks and 73

> Tom W7WHY

>

[Non-text portions of this message have been removed]

11204. Re: [TS-850_450_690] adjusting display , manual ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-12 15:39:49 UTC
From: John tf
Topic: 11194 Message: 11204

Still looking to find info on this issue , no answer yet so a bump to try
again ?
Thanks
John
KD0CAC
73

On Sat, Mar 10, 2012 at 8:55 AM, John tf <john.faughn@...> wrote:

> I left out that it was a TS-850 .
> KD0CAC
>
>
> On Fri, Mar 9, 2012 at 8:53 AM, johnfaughn <john.faughn@...> wrote:
>
>> **
>>
>>
>> I bought this radio last end of summer from a silent keys estate and it
>> had a number of issues with leaky caps , the CAR board , then a couple of
>> through-hole in the power area near back of rig .
>> Replaced all of those and changed out the battery & holder .
>> The display was still a little off 3 to 8 kc depending on band , I tried
>> to use the method in the owners manual [like many there is a lot left out
>>] , it says to remove CAR board , but not specific weather to just get out
>> of way to put jumper in place , or to disconnect all electrical connections
>> for this proceeder .
>> I do not seem to get the rig to respond during adjustment , with CAR
>> board laying to one side but still connected .
>> Also I would think a more precise way to do , would do adjustment while
>> monitoring a voltage or frequency , but that is not mentioned .
>> Any info ?
>> Thanks John
>> KD0CAC
>> 73
>>
>>
>>
>
>

[Non-text portions of this message have been removed]

11205. TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-12 15:24:06 UTC
From: Richard Schmuke
Topic: 11202 Message: 11205

Radio is sold. Thanks for looking.

Rich , KDØZZ , ☺

11206. Re: TS-940

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-12 21:16:19 UTC
From: skarbows
Topic: 11200 Message: 11206

Um....no. I would love to add a low mileage 950SDX. Complete the series....

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Can you ever have too many? Â LOLBob Â WE6C
>
> --- On Sun, 3/11/12, skarbows <dskarbow@...> wrote:
>
> From: skarbows <dskarbow@...>
> Subject: [TS-850_450_690] Re: TS-940
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, March 11, 2012, 2:47 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Who's giving the 940 a bad rap? I have a 940 and a 930. Both are good solid radios but they have different feels. The 930 is good for rag chewing - the receiver is smooth and quiet but not as selective as the 940. The 940 is more selective but the AGC action is not as smooth as the 930. The 940 has an improved power supply, and can be computer controlled. You kinda need both....
>
>

>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
>
> >
>
> > Why did the TS-940 get such a bum rap? It seems as though a lot of people
>
> > think it was a step backwards from the TS-930.
>
> >
>
> > What is actually the biggest problem with this rig? Thanks and 73
>
> > Tom W7WHY
>
> >
>
> [Non-text portions of this message have been removed]
>

11207. 850/dsp100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-16 01:26:24 UTC
From: E
Topic: 11207 Message: 11207

Hello Group. I thought I would offer this here to Kenwood aficionados before I pursue other venues. I am considering parting with my Kenwood ts850at/DSP-100 combo. Both units work as they should and will only be sold together. Instead of tying up space here PM me for more information. To save my time and yours, serious interests only, please.

Eric, kr9w

[Non-text portions of this message have been removed]

11208. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-17 13:36:17 UTC
From: kangarooman_01
Topic: 7959 Message: 11208

Thanks Tom, hasnt helped in any way so i am still digging.
Cheers
Martin
Vk4hmd
--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Martin
>
> Q50 is to the left and just below CN6. It is next to C212.
>
> R46 is on the bottom edge of the board, just above CN5 and next to C35.
>
> Hope that helps. 73
> Tom W7WHY
>
> next to C35 on the bottom edge of the board.
>
> Hi all could someone direct me to the location of Q50 and R46 on the IF
> board, my circuit diagram / board layout is a copy of a copy and very hard
> to read.
> Trying to rectify a no transmit fault
> Cheers
> Martin
> VK4HMD
>

11209. Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-19 07:29:33 UTC
From: Eric
Topic: 11179 Message: 11209

I haven't had a chance to dig further until this weekend. The VCO voltages are within specs. Seems the problem is somewhere in the RF board since the MONI Audio is normal. Now the Carrier Board electrolytics are leaking since I have the radio hooked up to 13.8VDC. Previously, I used a deep cycle battery to power the radio. I pulled the board, removed the caps and washed the board with distilled water. I then placed it in a drying oven set at 125 degrees with warm air blowing across the board. A known good CAR board did not solve the distorted TX audio problem. Does anyone know the Mouser Electronics part numbers for the replacement caps?

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
>
> Sounds like a VCO cap (or more) needs a tweak or two...
>
> 73...Jordan VE6ZT
>

11210. Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-19 14:00:17 UTC
From: avvidclif
Topic: 11179 Message: 11210

Try spinning the cap in LO2 on the PLL unit for several turns and resetting to spec.

Clif

--- In TS-850_450_690@yahoogroups.com, "Eric" <n7dlv@...> wrote:
>
> I haven't had a chance to dig further until this weekend. The VCO voltages are within specs. Seems the problem is somewhere in the RF board since the MONI Audio is normal. Now the Carrier Board electrolytics are leaking since I have the radio hooked up to 13.8VDC. Previously, I used a deep cycle battery to power the radio. I pulled the board, removed the caps and washed the board with distilled water. I then placed it in a drying oven set at 125 degrees with warm air blowing across the board. A known good CAR board did not solve the distorted TX audio problem. Does anyone know the Mouser Electronics part numbers for the replacement caps?
>
> Eric N7DLV
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@> wrote:
> >
> > Sounds like a VCO cap (or more) needs a tweak or two...
> >
> > 73...Jordan VE6ZT
> >
>

11211. Re: [TS-850_450_690] Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-19 14:38:35 UTC
From: Keon Hayes
Topic: 11179 Message: 11211

The leaking caps I am.about 97% sure are ur problem. When that gook gets on the board it impends the electric flow to everything on that board especially the dds chips which is where your distortion may be coming from.

I had the same issue back early this year and I replaced the caps, had the board cleaned up and I have had absolutely no problems sense.
On Mar 19, 2012 8:51 AM, "Eric" <n7dlv@...> wrote:

> **
>
>
> I haven't had a chance to dig further until this weekend. The VCO voltages
> are within specs. Seems the problem is somewhere in the RF board since the
> MONI Audio is normal. Now the Carrier Board electrolytics are leaking since
> I have the radio hooked up to 13.8VDC. Previously, I used a deep cycle
> battery to power the radio. I pulled the board, removed the caps and washed
> the board with distilled water. I then placed it in a drying oven set at
> 125 degrees with warm air blowing across the board. A known good CAR board
> did not solve the distorted TX audio problem. Does anyone know the Mouser
> Electronics part numbers for the replacement caps?
>
> Eric N7DLV
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@...> wrote:
> >
> > Sounds like a VCO cap (or more) needs a tweak or two...
> >
> > 73...Jordan VE6ZT
> >
>
>
>

[Non-text portions of this message have been removed]

11212. display is off , adjustment ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-19 14:25:47 UTC
From: johnfaughn
Topic: 11212 Message: 11212

I've got a TS-850S , replaced the leaky caps on CAR board , the battery & holder , also a couple of through hole caps when the display did some odd things .
That was about 6 mths ago , but the issue since has been the display is off frequency , depending on band , .03 to .16 hz .
I tried using the manuals adjustment procedure , a couple of questions there , is says to remove the CAR board , but no detail , whether to move to get access to jumper points and whether or not to disconnect harness's ?
Also seems to leave out some details about tuning and adjusting , I do not seem to get any response when turning the adjustment ?
Thanks John
KD0CAC

11213. Re: [TS-850_450_690] Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-19 19:27:59 UTC
From: Dave Simmons
Topic: 11179 Message: 11213

FWIW I used these from Mouser for my carrier board:

1 qty 647-UUD1E470MCL - 47uf, 25v
10 qty 647-UUD1E220MCL - 22uf, 25v (Mouser didn't have 10uf in stock at the time)

This was about 5 years ago, so I don't know if the same ones are still stocked. There are some pictures at http://zievid.com/W6OT/TS-850/TS-850.htm

- Dave W6OT

On Mon, Mar 19, 2012 at 12:29 AM, Eric <n7dlv@...> wrote:

>
>
> I haven't had a chance to dig further until this weekend. The VCO voltages
> are within specs. Seems the problem is somewhere in the RF board since the
> MONI Audio is normal. Now the Carrier Board electrolytics are leaking since
> I have the radio hooked up to 13.8VDC. Previously, I used a deep cycle
> battery to power the radio. I pulled the board, removed the caps and washed
> the board with distilled water. I then placed it in a drying oven set at
> 125 degrees with warm air blowing across the board. A known good CAR board
> did not solve the distorted TX audio problem. Does anyone know the Mouser
> Electronics part numbers for the replacement caps?
>
> Eric N7DLV
>
> --- In TS-850_450_690@...m, "Jordan" <Outposter30@...> wrote:
> >
> > Sounds like a VCO cap (or more) needs a tweak or two...
> >
> > 73...Jordan VE6ZT
> >
>
>
>

[Non-text portions of this message have been removed]

11214. Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-19 23:43:47 UTC
From: avvidclif
Topic: 11179 Message: 11214

Quote " A known good carrier board did not solve the problem" Unquote

Clif

--- In TS-850_450_690@yahoogroups.com, Keon Hayes <ke3hay@...> wrote:
>
> The leaking caps I am.about 97% sure are ur problem. When that gook gets on
> the board it impends the electric flow to everything on that board
> especially the dds chips which is where your distortion may be coming from.
>
> I had the same issue back early this year and I replaced the caps, had the
> board cleaned up and I have had absolutely no problems sense.
> On Mar 19, 2012 8:51 AM, "Eric" <n7dlv@...> wrote:
>
> > **
> >
> >
> > I haven't had a chance to dig further until this weekend. The VCO voltages
> > are within specs. Seems the problem is somewhere in the RF board since the
> > MONI Audio is normal. Now the Carrier Board electrolytics are leaking since
> > I have the radio hooked up to 13.8VDC. Previously, I used a deep cycle
> > battery to power the radio. I pulled the board, removed the caps and washed
> > the board with distilled water. I then placed it in a drying oven set at
> > 125 degrees with warm air blowing across the board. A known good CAR board
> > did not solve the distorted TX audio problem. Does anyone know the Mouser
> > Electronics part numbers for the replacement caps?
> >
> > Eric N7DLV
> >
> > --- In TS-850_450_690@yahoogroups.com, "Jordan" <Outposter30@> wrote:
> > >
> > > Sounds like a VCO cap (or more) needs a tweak or two...
> > >
> > > 73...Jordan VE6ZT
> > >
> >
> >
> >
> >
> >
> [Non-text portions of this message have been removed]
>

11215. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-20 16:05:58 UTC
From: Jim
Topic: 9235 Message: 11215

Rodrigo I know this post is old but have you ever come to fix this problem?

I also have just pulled my old 450s out of mothballs and are having the exact same issues you have described. It started out with a "static crash" sounds in the rcvd audio (internally caused not atmospheric static crashes) then the volume would reduce noticeably until yesterday when like you, I powered the radio up and the audio would be there for a second and then the rf gain bargraph would go full scale and the audio would be gone completely if I turn the rf gain to zero and quickly back up to 10 the audio will come back strong for a second but the bargraph will climb rapidly back up to full scale again. Slowly as the radio heated up the audio would return and the bargraph would drop to normal with the exception that all rcvd signals would be at most s5 or no s reading at all...

I will check c104 on the if unit as per clif's instructions but was wondering if that was the total cure for your problems!

73,
Jim WA2OQJ

--- In TS-850_450_690@...m, "Rodrigo" <yid_grps@...> wrote:
>
>
> I´ve also noticed...If the radio gets warm, the bargraph goes down and stays...if I turn it off, let it cool down and turn on again...the bargraph goes up again...so it is somehow temperature related I believe.
>
> Rod
>
>
> ----- Original Message -----
> From: Rodrigo
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, May 07, 2010 11:39 AM
> Subject: Re: [TS-850_450_690] Re: TS-450 low volume
>
>
>
>
> That could be it also...I cleaned it up...but maybe not enough...I will work on that...
>
> Thanks
>
> Rod
>
> ----- Original Message -----
> From: avvidclif
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, May 07, 2010 11:24 AM

> Subject: [TS-850_450_690] Re: TS-450 low volume
>
> You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> >
> > Hi
> >
> > The capacitor has been replaced..the audio went up...no as much but...another thing came out...and it was there, along with the low volume.
> >
> > When you turn the radio on, the RF bargraph goes up..takes about 1 or 2 seconds to reach 9 +30 on the display and stays there...and the volume goes down for sure...and that without touching anything...when you switch to AM or other mode, the audio comes up a little but not much...
> >
> > The beep sounds when a key is pressed seems that are back loud as usual...so it is ok
> >
> > so I believe there is also something wrong with the RF sensing or circuitry also...
> >
> > any hints?
> >
> > Rod
> >
> >
> >
> > ----- Original Message -----
> > From: Rodrigo
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Thursday, May 06, 2010 5:25 PM
> > Subject: Re: [TS-850_450_690] Re: TS-450 low volume
> >
> >
> >
> > Hi Cliff
> >
> > I managed to find the capacitor...it is the one mentioned below....and yes it had leaked!! Removed the cap and cleaned-up the area...
> >
> > By the way...the pic is from someone else´s board.
> >
> > It is the C104 at the output of the AF amp...IF unit...on the diagram (service manual) it is located on the upper right corner of the sheet. It is in line with the output of the AF amp and if anything happens to this cap, you will sure get no audio on the speaker.
> >
> > I just got the replacement today...strange there are several capacitors with same or

close value on the board, all blue...this is the only one brown...go figure!
> >
> > I will let you know how it goes when it is done.
> >
> > 73
> >
> > Rod
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Thursday, May 06, 2010 11:16 AM
> > Subject: [TS-850_450_690] Re: TS-450 low volume
> >
> > That's the one. See those black traces going to the right in the picture? One of those is the audio line. Black is not the normal color for traces, it means the cap has leaked and damaged them. Start cleaning.
> >
> > Clif
> >
> > --- In TS-850_450_690@...m, "Rodrigo" <yid_grps@> wrote:
> > >
> > > Hi Clif
> > >
> > > Thanks for the hint...seems that you know a lot about this radio..but Im not that familiar with the 450....
> > > and taking a closer look I could not find any caps as you described. I see only a brown one
> > > on the botton (picture) next to a white connector and writings "L12". Is that it?
> > >
> > > I´ve added a picture of the IF unit (I guess) or follow this link...
> > >
> > > http://k8su.com/SP940Kenwood/Ebay/Kenwood-450/Kenwood-450-IF-Unit.jpg
> > >
> > > Could you point where is it exactly if possible?
> > >
> > >
> > >
> > > Thanks and appreciate you help
> > >
> > >
> > > Rod
> > >
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Wednesday, May 05, 2010 8:49 PM
> > > Subject: [TS-850_450_690] Re: TS-450 low volume

> > >
> > >
> > >
> > > Sure, big old leaking cap on the IF unit. Brown one about halfway back on the left side. Eats traces, low to no audio...
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> wrote:
> > > >
> > > > Hello
> > > >
> > > > After a year without use, I decided to turn on my Kenwood ts-450sat to check things out and for my surprise the audio came out very low on the internal speaker...I also tried the external speaker and same thing...Played with all the front panel controls..same thing..no luck.
> > > >
> > > > Opened the case to check the speaker itself and it is fine, plugged another one in place same results...very low audio volume, regardless of band, mode or position of any knob etc...
> > > >
> > > > Has anyone noticed same problem with this radio?
> > > >
> > > > Any help would be appreciated...
> > > >
> > > > Thanks in advance.
> > > >
> > > > Rod
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11216. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-21 22:51:07 UTC
From: avvidclif
Topic: 9235 Message: 11216

I gave you the fix, what else you want?

Clif

--- In TS-850_450_690@yahoogroups.com, "Jim" <jim41057@...> wrote:
>
> Rodrigo I know this post is old but have you ever come to fix this problem?
>
> I also have just pulled my old 450s out of mothballs and are having the exact same issues you have described. It started out with a "static crash" sounds in the rcvd audio (internally caused not atmospheric static crashes) then the volume would reduce noticeably until yesterday when like you, I powered the radio up and the audio would be there for a second and then the rf gain bargraph would go full scale and the audio would be gone completely if I turn the rf gain to zero and quickly back up to 10 the audio will come back strong for a second but the bargraph will climb rapidly back up to full scale again. Slowly as the radio heated up the audio would return and the bargraph would drop to normal with the exception that all rcvd signals would be at most s5 or no s reading at all...
>
> I will check c104 on the if unit as per clif's instructions but was wondering if that was the total cure for your problems!
>
> 73,
> Jim WA2OQJ
>
>
> > From: avvidclif
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Friday, May 07, 2010 11:24 AM
> > Subject: [TS-850_450_690] Re: TS-450 low volume
> >
> > You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> w

11217. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-22 02:40:44 UTC
From: Jim
Topic: 9235 Message: 11217

Tnx Clif,

I appreciate the fix and all the info. I had noticed that the old thread ended rather abruptly and didn't know if there was anything else I should be made aware of...I am going to replace the cap and will keep you informed on how it worked out for me.

Thanks again for your info!

73,
Jim WA2OQJ

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> I gave you the fix, what else you want?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Jim" <jim41057@> wrote:
> >
> > Rodrigo I know this post is old but have you ever come to fix this problem?
> >
> > I also have just pulled my old 450s out of mothballs and are having the exact same issues you have described. It started out with a "static crash" sounds in the rcvd audio (internally caused not atmospheric static crashes) then the volume would reduce noticeably until yesterday when like you, I powered the radio up and the audio would be there for a second and then the rf gain bargraph would go full scale and the audio would be gone completely if I turn the rf gain to zero and quickly back up to 10 the audio will come back strong for a second but the bargraph will climb rapidly back up to full scale again. Slowly as the radio heated up the audio would return and the bargraph would drop to normal with the exception that all rcvd signals would be at most s5 or no s reading at all...
> >
> > I will check c104 on the if unit as per clif's instructions but was wondering if that was the total cure for your problems!
> >
> > 73,
> > Jim WA2OQJ
> >
> >
> > > From: avvidclif
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Friday, May 07, 2010 11:24 AM
> > > Subject: [TS-850_450_690] Re: TS-450 low volume
> > >
> > > You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.

> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> w
>

11218. Kenwood TS-440s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-22 12:55:24 UTC
From: n0oer
Topic: 11218 Message: 11218

I am still in the market for a Kenwood TS-450sat. I saw a few but was too late. Please call me if you have one for sale. 785-375-6621.

Gene
NØOER

11219. TS-850Sat Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-24 18:36:46 UTC
From: ah6rr1
Topic: 11219 Message: 11219

I am parting out a 5Mil Serial number 850 that had the case damaged in shipping and the new owner does not wat to look for a case for it.
The radio works fb so to get most of his money back the parts are up for sale.

CAR board no leaking caps very clean has the 66312 dds chips $325 obo.
Antenna tuner works great $175 obo.
Digital board has remote battery holder attached $125 obo
Front face plate very good condition complete $ 125 obo
RF board stock filters $125 obo
IF board stock filters $125 obo
PLL board $75 obo
Final board and filter board $150 obo

Listing here first before it goes to ebay thought you guys should get first chance. All prices plus 1/2 the shipping costs.

Roland AH6RR

11220. Re: [TS-850_450_690] TS-850Sat Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-24 19:52:07 UTC
From: John tf
Topic: 11219 Message: 11220

I'll like to win the lotto .
I would also like to say what ?????
But then it would not make it out at all , never mind

On Sat, Mar 24, 2012 at 1:36 PM, ah6rr1 <ah6rr@...> wrote:

> **
>
>
> I am parting out a 5Mil Serial number 850 that had the case damaged in
> shipping and the new owner does not wat to look for a case for it.
> The radio works fb so to get most of his money back the parts are up for
> sale.
>
> CAR board no leaking caps very clean has the 66312 dds chips $325 obo.
> Antenna tuner works great $175 obo.
> Digital board has remote battery holder attached $125 obo
> Front face plate very good condition complete $ 125 obo
> RF board stock filters $125 obo
> IF board stock filters $125 obo
> PLL board $75 obo
> Final board and filter board $150 obo
>
> Listing here first before it goes to ebay thought you guys should get
> first chance. All prices plus 1/2 the shipping costs.
>
> Roland AH6RR
>
>
>

[Non-text portions of this message have been removed]

11221. Re: TS-850Sat Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-25 01:36:06 UTC
From: ah6rr1
Topic: 11219 Message: 11221

Last week a CAR board went for 375 on ebay and another went for 350 the last dds chips I saw for sale were for 100 each. There are none of the chips available any where at any price except this board that has 4 of them plus the board that is in great shape. If you can find them cheaper go for it good buddy.

--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>
> I'll like to win the lotto .
> I would also like to say what ?????
> But then it would not make it out at all , never mind
>
>
>
>
> On Sat, Mar 24, 2012 at 1:36 PM, ah6rr1 <ah6rr@...> wrote:
>
> > **
> > >
> > >
> > I am parting out a 5Mil Serial number 850 that had the case damaged in
> > shipping and the new owner does not wat to look for a case for it.
> > The radio works fb so to get most of his money back the parts are up for
> > sale.
> > >
> > CAR board no leaking caps very clean has the 66312 dds chips $325 obo.
> > Antenna tuner works great $175 obo.
> > Digital board has remote battery holder attached $125 obo
> > Front face plate very good condition complete $ 125 obo
> > RF board stock filters $125 obo
> > IF board stock filters $125 obo
> > PLL board $75 obo
> > Final board and filter board $150 obo
> > >
> > Listing here first before it goes to ebay thought you guys should get
> > first chance. All prices plus 1/2 the shipping costs.
> > >
> > Roland AH6RR
> > >
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

11222. Re: [TS-850_450_690] TS-850Sat Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-25 01:48:31 UTC
From: Kurt Cathcart, KR2C
Topic: 11219 Message: 11222

John-

I'm sorry if English is not you first language. I'm not sure what you're trying to say. Can you try again?

-----Original Message-----
From: John tf <john.faughn@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Sat, 24 Mar 2012 14:52:07
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850Sat Parts

I'll like to win the lotto .
I would also like to say what ?????
But then it would not make it out at all , never mind

On Sat, Mar 24, 2012 at 1:36 PM, ah6rr1 <ah6rr@...> wrote:

> **
>
>
> I am parting out a 5Mil Serial number 850 that had the case damaged in
> shipping and the new owner does not wat to look for a case for it.
> The radio works fb so to get most of his money back the parts are up for
> sale.
>
> CAR board no leaking caps very clean has the 66312 dds chips $325 obo.
> Antenna tuner works great $175 obo.
> Digital board has remote battery holder attached $125 obo
> Front face plate very good condition complete $ 125 obo
> RF board stock filters $125 obo
> IF board stock filters $125 obo
> PLL board $75 obo
> Final board and filter board $150 obo
>
> Listing here first before it goes to ebay thought you guys should get
> first chance. All prices plus 1/2 the shipping costs.
>
> Roland AH6RR
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11223. Re: TS-850Sat Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-25 18:31:17 UTC
From: Eric
Topic: 11219 Message: 11223

Supply and demand. If the board is as described, $325.00 is not unreasonable. I have a carcass 850. The CAR board is clean. However just one chip is the old DDS chip and it is this chip that has to warm up for a couple of minutes before it works.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>
> I'll like to win the lotto .
> I would also like to say what ?????
> But then it would not make it out at all , never mind
>
>
>
>
> On Sat, Mar 24, 2012 at 1:36 PM, ah6rr1 <ah6rr@...> wrote:
>
> > **
> > >
> > >
> > > I am parting out a 5Mil Serial number 850 that had the case damaged in
> > > shipping and the new owner does not wat to look for a case for it.
> > > The radio works fb so to get most of his money back the parts are up for
> > > sale.
> > >
> > > CAR board no leaking caps very clean has the 66312 dds chips $325 obo.
> > > Antenna tuner works great $175 obo.
> > > Digital board has remote battery holder attached $125 obo
> > > Front face plate very good condition complete $ 125 obo
> > > RF board stock filters $125 obo
> > > IF board stock filters $125 obo
> > > PLL board $75 obo
> > > Final board and filter board $150 obo
> > >
> > > Listing here first before it goes to ebay thought you guys should get
> > > first chance. All prices plus 1/2 the shipping costs.
> > >
> > > Roland AH6RR
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
>

11224. Re: Kenwood TS-450S Internal ATU Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-26 21:17:56 UTC
From: Rob
Topic: 11007 Message: 11224

You need to null the SWR detection circuit on the main filter board. Transmit some RF (20W or so) into a 50 ohm dummy load in the THRU position and tune TC1 for minimum voltage measured on pin 1 of CN8. This is the SWR detection circuitry that feeds the CPU which controls the signals to the ATU.
Also check that your ground and centre pin on the SO239 is in contact with the filter board via the small link wires. These sometimes work loose as the panel "flexes" if too much pressure is applied to the connector.

73's

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, "Ron Polityka" <wb3aal@...> wrote:
>
> Hi Clif,
>
> Looking down at the ATU the left cap is tuning but the
> right does not move.
>
> 73
> Ron de WB3AAL
>
> ----- Original Message -----
> From: "avvidclif" <clif@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, January 12, 2012 11:25 AM
> Subject: [TS-850_450_690] Re: Kenwood TS-450S Internal ATU
> Problem
>
>
> > Did you check and make sure the caps are turning?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Ron Polityka"
> > <wb3aal@> wrote:
> >>
> >> Hi Clif,
> >>
> >> It does the same thing on a dummy load or antenna. Works
> >> on
> >> 80m and 10m. All other bands it just oscillates.
> >>
> >> 73
> >> Ron de WB3AAL
> >>

> >> ----- Original Message -----
> >> From: "avvidclif" <clif@>
> >> To: <TS-850_450_690@yahoogroups.com>
> >> Sent: Wednesday, January 11, 2012 9:29 PM
> >> Subject: [TS-850_450_690] Re: Kenwood TS-450S Internal
> >> ATU
> >> Problem
> >>
> >>
> >> > Uh, replace the bad relay. If that is the case it would
> >> > work on some bands and not on others. What bands does
> >> > it
> >> > work on and what not. Into a dummy load, not an
> >> > antenna.
> >> >
> >> > Clif
> >> >
> >> > --- In TS-850_450_690@yahoogroups.com, "Ron Polityka"
> >> > <wb3aal@> wrote:
> >> >>
> >> >> Hi Rick,
> >> >>
> >> >> Thank you for the information.
> >> >>
> >> >> Unfortunately it does not make any difference where
> >> >> the
> >> >> ALC
> >> >> is set.
> >> >>
> >> >> Could be a bad relay.
> >> >>
> >> >> If anyone had a bad relay, what did you do?
> >> >>
> >> >> 73
> >> >> Ron de WB3AAL
> >> >>
> >> >> ----- Original Message -----
> >> >> From: "Rick Hughes" <ve3atm@>
> >> >> To: <TS-850_450_690@yahoogroups.com>
> >> >> Sent: Wednesday, January 11, 2012 7:13 AM
> >> >> Subject: RE: [TS-850_450_690] Kenwood TS-450S Internal
> >> >> ATU
> >> >> Problem
> >> >>
> >> >>
> >> >> >I don't know if this is the same issue I had, but if
> >> >> >you
> >> >> >do
> >> >> >not have the
> >> >> > Carrier level high enough the tuner will not tune,

> >> >> > but
> >> >> > oscillate back and
> >> >> > forth as you describe. Once you turn up the carrier
> >> >> > level
> >> >> > you should find it
> >> >> > will tune properly.
> >> >> >
> >> >> >
> >> >> >
> >> >> > I had the same issue with my TS-850 but once I
> >> >> > turned
> >> >> > up
> >> >> > the carrier level
> >> >> > the ATU unit worked properly.
> >> >> >
> >> >> >
> >> >> >
> >> >> > Rick Hughes
> >> >> >
> >> >> > VE3ATM
> >> >> >
> >> >> >
> >> >> >
> >> >> > From: TS-850_450_690@yahoogroups.com
> >> >> > [mailto:TS-850_450_690@yahoogroups.com]
> >> >> > On Behalf Of Ron Polityka
> >> >> > Sent: January-10-12 8:44 PM
> >> >> > To: TS-850_450_690@yahoogroups.com
> >> >> > Subject: [TS-850_450_690] Kenwood TS-450S Internal
> >> >> > ATU
> >> >> > Problem
> >> >> >
> >> >> >
> >> >> >
> >> >> >
> >> >> >
> >> >> > Hello,
> >> >> >
> >> >> > I have a problem with my TS-450S ATU.
> >> >> >
> >> >> > The Internal ATU will not tune. I took the cover off
> >> >> > to
> >> >> > see
> >> >> > what is going on. When looking from the front of the
> >> >> > rig
> >> >> > the
> >> >> > left gear is oscillating back and forth. Will not
> >> >> > stop.
> >> >> >
> >> >> > The gear is not slipping and I do have the Channel

> >> >> > 31
> >> >> > On
> >> >> > in
> >> >> > the memory.
> >> >> >
> >> >> > The audio does cut out when it tries to tune with
> >> >> > the
> >> >> > RF.
> >> >> >
> >> >> > Thanks in advance for any help.
> >> >> >
> >> >> > 73
> >> >> > Ron de WB3AAL
> >> >> >
> >> >> >
> >> >> >
> >> >> >
> >> >> >
> >> >> > [Non-text portions of this message have been
> >> >> > removed]
> >> >> >
> >> >> >
> >> >> >
> >> >> > ------------------------------------
> >> >> >
> >> >> > THANKS FOR USING TS-850_450_690@!
> >> >> > Groups Links
> >> >> >
> >> >> >
> >> >> >
> >> >>
> >> >
> >> >
> >> >
> >> >
> >> > ------------------------------------
> >> >
> >> > THANKS FOR USING TS-850_450_690@!
> >> > Groups Links
> >> >
> >> >
> >> >
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...!

> > Groups Links
> >
> >
> >
>

11225. ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 12:42:26 UTC
From: pauldebono@rocketmail.com
Topic: 11225 Message: 11225

I need to buy two acc plugs for the acc sockets at the back of the TS850. What are they called, some sort of DIN plugs? Any idea from where in UK or US I can get them please ?

11226. The TS850 surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 12:45:21 UTC
From: pauldebono@rocketmail.com
Topic: 11226 Message: 11226

I saw a big flash from the back of my TS850, and is probably a blown surge absorber. Do I need to change it ? If so, from where I can get it please ?

11227. Re: ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 13:10:23 UTC
From: birchardvilleobservatory
Topic: 11225 Message: 11227

Yes, those are DIN plugs you need (the sockets are mounted on the radio, of course). You need to find an electronics parts retailer, which likely exists in any of the larger cities. The internet is your friend in this, as you can search for "13 pin DIN" and the name of your nearby city. Of course, in Penzance, there may be no nearby large city. (Yes, Falmouth may actually have such a retailer) The telephone "yellow pages" could also get you well started in your search.

Good luck,
Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "pauldebono@..." <pawlud@...> wrote:
>
> I need to buy two acc plugs for the acc sockets at the back of the TS850. What are they called, some sort of DIN plugs? Any idea from where in UK or US I can get them please ?
>

11228. Re: [TS-850_450_690] Re: ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 13:46:00 UTC
From: Anton Iriawan
Topic: 11225 Message: 11228

Please try this Dan, I’ve purchased before from Digikey :

http://parts.digikey.com/1/parts/264899-conn-circular-din-13pos-male-sd-130.html
73
de Anton YB5QZ

From: birchardvilleobservatory
Sent: Tuesday, March 27, 2012 8:10 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: ACC sockets of the TS850SAT

Yes, those are DIN plugs you need (the sockets are mounted on the radio, of course). You need to find an electronics parts retailer, which likely exists in any of the larger cities. The internet is your friend in this, as you can search for "13 pin DIN" and the name of your nearby city. Of course, in Penzance, there may be no nearby large city. (Yes, Falmouth may actually have such a retailer) The telephone "yellow pages" could also get you well started in your search.

Good luck,
Dan AA3LS

--- In mailto:TS-850_450_690%40yahoogroups.com, "pauldebono@..." <pawlud@...> wrote:
>
> I need to buy two acc plugs for the acc sockets at the back of the TS850. What are they called, some sort of DIN plugs? Any idea from where in UK or US I can get them please ?
>

[Non-text portions of this message have been removed]

11229. Re: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 14:04:38 UTC
From: Robert R.
Topic: 11225 Message: 11229

Digi-Key has them.
www.digikey.com

---- "pauldebono@..." <pawlud@...> wrote:
> I need to buy two acc plugs for the acc sockets at the back of the TS850. What are they called, some sort of DIN plugs? Any idea from where in UK or US I can get them please ?
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

11230. Re: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 16:42:47 UTC
From: Tom Osborne
Topic: 11225 Message: 11230

Hi
Do a Google search for G4ZLP. I have purchased items from Neal and he sells good stuff. I think his company is called 'ZLP Electronics'. 73
Tom W7WHY

I need to buy two acc plugs for the acc sockets at the back of the TS850. What are they called, some sort of DIN plugs? Any idea from where in UK or US I can get them please ?

11231. RE: [TS-850_450_690] The TS850 surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 19:49:08 UTC
From: Dave Gmail
Topic: 11226 Message: 11231

If this was happening while connect anything live, it may have been the 3 amp fuse on the rear of the set???

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of pauldebono@...
Sent: March-27-12 8:45 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] The TS850 surge absorber

I saw a big flash from the back of my TS850, and is probably a blown surge absorber. Do I need to change it ? If so, from where I can get it please ?

THANKS FOR USING TS-850_450_690@...! Groups Links

11232. RE: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 19:54:28 UTC
From: Dave Gmail
Topic: 11225 Message: 11232

Which ones, the 6 pin for interfacing the rig control, the 7 ? pin for relay and amp connection, or the 13 pin din for sound card accessory

Perhaps the device you need may already have them mounted??

Buxcomm sells them , most electronics stores should have them, where are you located, Canada? USA?? abroad???

Also , if you are the original owner, or lucky enough to have bought it 2nd hand complete, the radios came with those connectors..

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of pauldebono@...
Sent: March-27-12 8:42 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ACC sockets of the TS850SAT

I need to buy two acc plugs for the acc sockets at the back of the TS850. What are they called, some sort of DIN plugs? Any idea from where in UK or US I can get them please ?

THANKS FOR USING TS-850_450_690@...! Groups Links

11233. Re: ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-27 21:56:29 UTC
From: avvidclif
Topic: 11225 Message: 11233

Be careful. There are 2 different kinds of DIN connectors. Most US din plugs will not work, different angle on the pins. If it doesn't plug in very easily then it's probably the wrong one and can break the un-obtanium jack.

This applies to the 6-7-8 pin. I don't know about the 13.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Which ones, the 6 pin for interfacing the rig control, the 7 ? pin for relay
> and amp connection, or the 13 pin din for sound card accessory
>
> Perhaps the device you need may already have them mounted??
>
>
> Buxcomm sells them , most electronics stores should have them, where are you
> located, Canada? USA?? abroad???
>
> Also , if you are the original owner, or lucky enough to have bought it 2nd
> hand complete, the radios came with those connectors..
>
>
>
> Dave ve3wej/ve3ie
>
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of pauldebono@...
> Sent: March-27-12 8:42 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] ACC sockets of the TS850SAT
>
> I need to buy two acc plugs for the acc sockets at the back of the TS850.
> What are they called, some sort of DIN plugs? Any idea from where in UK or
> US I can get them please ?
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links

>

11234. Re: [TS-850_450_690] The TS850 surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-28 05:22:09 UTC
From: Malti
Topic: 11226 Message: 11234

Dave, I confirmed that it was static from my R7 vertical ! An indication was that a bleeder choke at the R7 matching unit, failed, found it open circuit. ! The TS850 kept on working !

On 27 March 2012 20:49, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> If this was happening while connect anything live, it may have been the 3
> amp fuse on the rear of the set???
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of pauldebono@...
> Sent: March-27-12 8:45 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] The TS850 surge absorber
>
> I saw a big flash from the back of my TS850, and is probably a blown surge
> absorber. Do I need to change it ? If so, from where I can get it please ?
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11235. Re: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-28 05:26:03 UTC
From: Malti
Topic: 11225 Message: 11235

Dave,

Connecting a condenser microphone to the mic input, failed.
There is another mic input on the acc socket at the back.
I am located in 9H1, EU.

On 27 March 2012 20:54, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Which ones, the 6 pin for interfacing the rig control, the 7 ? pin for
> relay
> and amp connection, or the 13 pin din for sound card accessory
>
> Perhaps the device you need may already have them mounted??
>
> Buxcomm sells them , most electronics stores should have them, where are
> you
> located, Canada? USA?? abroad???
>
> Also , if you are the original owner, or lucky enough to have bought it 2nd
> hand complete, the radios came with those connectors..
>
> Dave ve3wej/ve3ie
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of pauldebono@...
> Sent: March-27-12 8:42 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] ACC sockets of the TS850SAT
>
> I need to buy two acc plugs for the acc sockets at the back of the TS850.
> What are they called, some sort of DIN plugs? Any idea from where in UK or
> US I can get them please ?
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11236. Re: The TS850 surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-28 12:29:59 UTC
From: avvidclif
Topic: 11226 Message: 11236

The 3a fuse on the back is for the AT300 socket, nothing else.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> If this was happening while connect anything live, it may have been the 3
> amp fuse on the rear of the set???
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of pauldebono@...
> Sent: March-27-12 8:45 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] The TS850 surge absorber
>
> I saw a big flash from the back of my TS850, and is probably a blown surge
> absorber. Do I need to change it ? If so, from where I can get it please ?
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11237. RE: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-28 20:30:46 UTC
From: Dave Gmail
Topic: 11225 Message: 11237

Going in on pin 11 (or was it 3) of the 13 pin plug, but WHY does the mike not work, as far as I remember the 2 sockets are in parallel, so if the front does not work, the rear may not as well, also depending if you are keying the rig from that 13 pin connector, it MUTES the front mike jack, perhaps that is happening without anything plugged into the jack???

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Malti
Sent: March-28-12 1:26 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] ACC sockets of the TS850SAT

Dave,

Connecting a condenser microphone to the mic input, failed.
There is another mic input on the acc socket at the back.
I am located in 9H1, EU.

On 27 March 2012 20:54, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Which ones, the 6 pin for interfacing the rig control, the 7 ? pin for
> relay and amp connection, or the 13 pin din for sound card accessory
>
> Perhaps the device you need may already have them mounted??
>
> Buxcomm sells them , most electronics stores should have them, where
> are you located, Canada? USA?? abroad???
>
> Also , if you are the original owner, or lucky enough to have bought
> it 2nd hand complete, the radios came with those connectors..
>
> Dave ve3wej/ve3ie
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of pauldebono@...
> Sent: March-27-12 8:42 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] ACC sockets of the TS850SAT
>

> I need to buy two acc plugs for the acc sockets at the back of the TS850.
> What are they called, some sort of DIN plugs? Any idea from where in
> UK or US I can get them please ?
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11238. Re: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-29 05:18:46 UTC
From: Malti
Topic: 11225 Message: 11238

Dave, I am getting some audio out, but extremely distorted and unstable. It is either a matter of matching (the TS850 is designed for 600 ohms mic in) or the 8 volts not properly connected to the condensor mike unit. I have a tried another externally powered condensor mic, to no vail. The problem is that I do not have any info about the mic. From the PC soundcard connections, I figured out that the tip is the output, adn the ring is the bias. But there are mics who bias and output from the tip ! Confused !

On 28 March 2012 22:30, Dave Gmail <ve3wej@...> wrote:

> **
>
>
> Going in on pin 11 (or was it 3) of the 13 pin plug, but WHY does the mike
> not work, as far as I remember the 2 sockets are in parallel, so if the
> front does not work, the rear may not as well, also depending if you are
> keying the rig from that 13 pin connector, it MUTES the front mike jack,
> perhaps that is happening without anything plugged into the jack???
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> On Behalf Of Malti
> Sent: March-28-12 1:26 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] ACC sockets of the TS850SAT
>
> Dave,
>
> Connecting a condenser microphone to the mic input, failed.
> There is another mic input on the acc socket at the back.
> I am located in 9H1, EU.
>
> On 27 March 2012 20:54, Dave Gmail <ve3wej@...> wrote:
>
> > **
>
> >
> >
> > Which ones, the 6 pin for interfacing the rig control, the 7 ? pin for
> > relay and amp connection, or the 13 pin din for sound card accessory
> >
> > Perhaps the device you need may already have them mounted??
> >

> > Buxcomm sells them , most electronics stores should have them, where
> > are you located, Canada? USA?? abroad???
> >
> > Also , if you are the original owner, or lucky enough to have bought
> > it 2nd hand complete, the radios came with those connectors..
> >
> > Dave ve3wej/ve3ie
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:
> > TS-850_450_690@yahoogroups.com]
> > On Behalf Of pauldebono@...
> > Sent: March-27-12 8:42 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] ACC sockets of the TS850SAT
> >
> > I need to buy two acc plugs for the acc sockets at the back of the TS850.
> > What are they called, some sort of DIN plugs? Any idea from where in
> > UK or US I can get them please ?
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11239. Re: [TS-850_450_690] ACC sockets of the TS850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-29 06:42:25 UTC
From: Keon Hayes
Topic: 11225 Message: 11239

I think I am totally confused but in the event I am not.

Condenser mics (those like AKG or Audio Technica) that are for studio use
need 48v power to function properly. You have to run an external supply as
the radio wont supply that current in the mic or accessory ...

if you are talking about the tiny 5v condensers I dont know but Clif should
be able to tell you if the rig will allow for that type microphone.

On Wed, Mar 28, 2012 at 1:26 AM, Malti <pawlud@...> wrote:

> Dave,
>
> Connecting a condenser microphone to the mic input, failed.
> There is another mic input on the acc socket at the back.
> I am located in 9H1, EU.
>
>
>
> On 27 March 2012 20:54, Dave Gmail <ve3wej@...> wrote:
>
> > **
> >
> >
> > Which ones, the 6 pin for interfacing the rig control, the 7 ? pin for
> > relay
> > and amp connection, or the 13 pin din for sound card accessory
> >
> > Perhaps the device you need may already have them mounted??
> >
> > Buxcomm sells them , most electronics stores should have them, where are
> > you
> > located, Canada? USA?? abroad???
> >
> > Also , if you are the original owner, or lucky enough to have bought it
> 2nd
> > hand complete, the radios came with those connectors..
> >
> > Dave ve3wej/ve3ie
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:
> > TS-850_450_690@yahoogroups.com]
> > On Behalf Of pauldebono@...
> > Sent: March-27-12 8:42 AM

> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] ACC sockets of the TS850SAT
> >
> > I need to buy two acc plugs for the acc sockets at the back of the TS850.
> > What are they called, some sort of DIN plugs? Any idea from where in UK
> or
> > US I can get them please ?
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>

--
Keon, KE3HAY
Wanna Hear DX? Buy a TenTec!

[Non-text portions of this message have been removed]

11240. TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-29 17:24:03 UTC
From: Josh Gibbs
Topic: 11240 Message: 11240

Hi Gang,

I don't have any problems with my rig, but I want to move the battery / replace some caps as a preventive measure. I'm hoping to compile all relevant info on this job into this thread, and also put it all into a PDF in the files section. When I do the job I plan to take some detailed photos of exactly which caps should be replaced.

I have been searching old messages for info, and so far have found the following:

Message #11123 - executive summary: 'replace C104 on the IF unit - its a known leaker'

Here is a good write-up on moving the battery:

http://www.k5pa.com/Ham%20Radio/Downloads/Kenwood%20TS-450S%20Memory%20Battery%20Replacement%20Rev-A.pdf

Specific to the 850, but has some good pictures of what a failed cap looks like:

http://www.zievid.com/W6OT/TS-850/CarrierBoardCaps.htm

Please, if you know of other common leaky caps on a 450/690 reply to this thread. Or if you have other relevant info - much appreciated. I'd like this thread to be a 'one stop shopping' experience for future owners looking for this info.

Thanks,

-Josh KD7PAJ

11241. Re: TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-29 17:46:30 UTC
From: lovethevdub
Topic: 11240 Message: 11241

One other tidbit I forgot to include. I found some comments from Clif that replacing ALL the caps is overkill - the 47uf and 10uf caps are the ones that fail most often.

So it might be reasonable to just replace those, and then do an occasional cap inspection? When these things go, is it pretty quick or a slow process?

-Josh

11242. Re: TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-29 20:03:02 UTC
From: Eric
Topic: 11240 Message: 11242

Hello Josh;

I have an 850 with distorted TX audio. When I first looked at the rig, the caps on the CAR Board were fine and showed no sign of leakage. After being hooked up to a 13.8Vdc supply for just a couple of days, they started leaking and caused minor damage to the CAR Board. I removed the caps from the board and stopped the corrosion process. I have to repair the corrosion damage but do not expect any problems. To make sure though, I will install the repaired board into a known good 850 to test it.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "lovethevdub" <gibbsjj@...> wrote:
>
> One other tidbit I forgot to include. I found some comments from Clif that replacing ALL the caps is overkill - the 47uf and 10uf caps are the ones that fail most often.
>
> So it might be reasonable to just replace those, and then do an occasional cap inspection? When these things go, is it pretty quick or a slow process?
>
> -Josh
>

11243. TS-850S ALC Pegging

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-29 23:39:23 UTC
From: ka3nam
Topic: 11243 Message: 11243

Hi all,

My TS-850S started the ALC oscillation thing and I ordered a board from PacParts, installed it and the -6v is now solid... In the aftermath, the ALC now pegs (max's out) in transmit mode (SSB/CW/AM/FM) no matter what the carrier or power control settings are... The rig transmits fine (70-80w) and the scope and spectrum analyzer and scope look clean... So, this looks like an ALC sample issue to me... Curious if anyone else has experienced this. Any guidance is appreciated. Now, back to the service manual (p 123 & 124)...

-Joe
KA3NAM

11244. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-30 09:45:49 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 11244

Hello, This email message is a notification to let you know that a file has been uploaded to the Files area of the TS-850_450_690 group. File : /TS-450 - 690 Commom problem.xls Uploaded by : alex_barbon Description : TS 450 / 690 Common Problem You can access this file at the URL: http://groups.yahoo.com/group/TS-850_450_690/files/TS-450%20-%20690%20Commom%20problem.xls To learn more about file sharing for your group, please visit: http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html Regards, alex_barbon

11245. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-30 13:35:27 UTC
From: birchardvilleobservatory
Topic: 421 Message: 11245

Thanks, Alex! --- In TS-850_450_690@yahoogroups.com, TS-850_450_690@yahoogroups.com wrote: > > > Hello, > > This email message is a notification to let you know that > a file has been uploaded to the Files area of the TS-850_450_690 > group. > > File : /TS-450 - 690 Commom problem.xls > Uploaded by : alex_barbon > Description : TS 450 / 690 Common Problem > > You can access this file at the URL: > http://groups.yahoo.com/group/TS-850_450_690/files/TS-450%20-%20690%20Commom%20problem.xls > > To learn more about file sharing for your group, please visit: > http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html > Regards, > > alex_barbon >

11246. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-30 14:04:11 UTC
From: Jim
Topic: 421 Message: 11246

I will second that...Thanks Alex! --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" wrote: > > Thanks, Alex! > > --- In TS-850_450_690@yahoogroups.com, TS-850_450_690@yahoogroups.com wrote: > > > > > > Hello, > > > > This email message is a notification to let you know that > > a file has been uploaded to the Files area of the TS-850_450_690 > > group. > > > > File : /TS-450 - 690 Commom problem.xls > > Uploaded by : alex_barbon > > Description : TS 450 / 690 Common Problem > > > > You can access this file at the URL: > > http://groups.yahoo.com/group/TS-850_450_690/files/TS-450%20-%20690%20Commom%20problem.xls > > > > To learn more about file sharing for your group, please visit: > > http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html > > Regards, > > > > alex_barbon > > >

11247. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-30 14:57:40 UTC
From: Josh Gibbs
Topic: 421 Message: 11247

Excellent! Thank you sir!!

-Josh KD7PAJ

> File : /TS-450 - 690 Commom problem.xls
> Uploaded by : alex_barbon <a.barbon@...>
> Description : TS 450 / 690 Common Problem
>
>

[Non-text portions of this message have been removed]

11248. Re: [TS-850_450_690] TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-30 14:42:10 UTC
From: Dan Spence
Topic: 11240 Message: 11248

Thanks to everyone for info on keeping these great radios working.

Just read the wiki on caps and it says that the problems started in the late 1990s. Has anyone had trouble with Kenwoods build before that? I have a Kenwood 690S from 1993.

Thanks,
Dan
KD4MGF

On Mar 29, 2012, at 1:24 PM, Josh Gibbs wrote:

> Hi Gang,
>
> I don't have any problems with my rig, but I want to move the battery
> / replace some caps as a preventive measure. I'm hoping to compile all
> relevant info on this job into this thread, and also put it all into a
> PDF in the files section. When I do the job I plan to take some
> detailed photos of exactly which caps should be replaced.
>
> I have been searching old messages for info, and so far have found the
> following:
>
> Message #11123 - executive summary: 'replace C104 on the IF unit - its
> a known leaker'
>
> Here is a good write-up on moving the battery:
>
> http://www.k5pa.com/Ham%20Radio/Downloads/Kenwood%20TS-450S%20Memory%20Battery%20Replacement%20Rev-A.pdf
>
> Specific to the 850, but has some good pictures of what a failed cap looks like:
>
> http://www.zievid.com/W6OT/TS-850/CarrierBoardCaps.htm
>
> Please, if you know of other common leaky caps on a 450/690 reply to
> this thread. Or if you have other relevant info - much appreciated.
> I'd like this thread to be a 'one stop shopping' experience for future
> owners looking for this info.
>
> Thanks,
>
> -Josh KD7PAJ
>
>
> ------------------------------------
>

> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

Please consider the environment. Always!

11249. Re: [TS-850_450_690] TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-30 16:07:56 UTC
From: Josh Gibbs
Topic: 11240 Message: 11249

I have posted the following files on the YaHoo! group site, in a new folder called 'TS450_690':

http://groups.yahoo.com/group/TS-850_450_690/files/TS450_690/

*TS-450_690_Commom_problems_DV1TBX.pdf<http://f1.grp.yahoofs.com/v1/cMp1TyF-nUURTfzTWhwfEzAt0V_UZCWNJ1OalJaqkEaCxZYDZRXirwOMJ-Y7dBTVQRbHiRT8UHnsYZSARAonyE77_YHbE28E5Q/TS450_690/TS-450_690_Commom_problems_DV1TBX.pdf>
* (the file Alex just uploaded, saved as a PDF for better accessibility)*
***TS-450_Maintenance_and_fixes_WB4KDI.pdf<http://f1.grp.yahoofs.com/v1/cMp1TzsOe0ERTfzTYsDShs7WGzDD0HjStNzZHsnsVsWu5eNThqyY5iDBRfFOaX1R9V8lTO4yadlILE6BAnSSS2aFVh_nhB4P9g/TS450_690/TS-450_Maintenance_and_fixes_WB4KDI.pdf>

*TS-450_Memory_Battery_Replacement_K5PA.pdf<http://f1.grp.yahoofs.com/v1/cMp1T2kN-mMRTfzT1sguJQxunMLRIMWCNPHFVpAUamzfUp8Se31Gyso7iCDnWjC9UdruJoeJ7Yw6bx-gMLqFRl6f11KYsnLjuQ/TS450_690/TS-450_Memory_Battery_Replacement_K5PA.pdf>

*TS-450_Mods_KB2LJJ.pdf<http://f1.grp.yahoofs.com/v1/cMp1TwNm9tcRTfzTNvC8FUY99pdYm6Bx4bgg08pECdJ6-asVXhwW0vrzRLqWhrHghYCbkGjwhx3Za86ApVC9XYgIVpGkMxynzg/TS450_690/TS-450_Mods_KB2LJJ.pdf>

*TS-850_Carrier_Board_Cap_Replacement_W6OT.pdf<http://f1.grp.yahoofs.com/v1/cMp1Ty05IuURTfzTejgejWxgiM63w20Wxs_wlr97SmGeLk2F5_9lY9ncuvwCCLqx_oyzBhrrxP4CyjzKXC9JoOl534OrWJgxuw/TS450_690/TS-850_Carrier_Board_Cap_Replacement_W6OT.pdf>

-Josh KD7PAJ

[Non-text portions of this message have been removed]

11250. Re: TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-31 15:43:05 UTC
From: avvidclif
Topic: 11240 Message: 11250

I removed the file on battery replacement because it referred to soldering leads on a lithium battery. This is never done as it damages the battery and can explode.

Clif

--- In TS-850_450_690@yahoogroups.com, Josh Gibbs <gibbsjj@...> wrote:
>
> I have posted the following files on the YaHoo! group site, in a new folder
> called 'TS450_690':
>
> http://groups.yahoo.com/group/TS-850_450_690/files/TS450_690/
>
> *TS-450_690_Commom_problems_DV1TBX.pdf<http://f1.grp.yahoofs.com/v1/cMp1TyF-nUURTfzTWhwfEzAt0V_UZCWNJ1OalJaqkEaCxZYDZRXirwOMJ-Y7dBTVQRbHiRT8UHnsYZSARAonyE77_YHbE28E5Q/TS450_690/TS-450_690_Commom_problems_DV1TBX.pdf>
> * (the file Alex just uploaded, saved as a PDF for better accessibility)*
> ***TS-450_Maintenance_and_fixes_WB4KDI.pdf<http://f1.grp.yahoofs.com/v1/cMp1TzsOe0ERTfzTYsDShs7WGzDD0HjStNzZHsnsVsWu5eNThqyY5iDBRfFOaX1R9V8lTO4yadlILE6BAnSSS2aFVh_nhB4P9g/TS450_690/TS-450_Maintenance_and_fixes_WB4KDI.pdf>
>
> *TS-450_Memory_Battery_Replacement_K5PA.pdf<http://f1.grp.yahoofs.com/v1/cMp1T2kN-mMRTfzT1sguJQxunMLRIMWCNPHFVpAUamzfUp8Se31Gyso7iCDnWjC9UdruJoeJ7Yw6bx-gMLqFRl6f11KYsnLjuQ/TS450_690/TS-450_Memory_Battery_Replacement_K5PA.pdf>
>
> *TS-450_Mods_KB2LJJ.pdf<http://f1.grp.yahoofs.com/v1/cMp1TwNm9tcRTfzTNvC8FUY99pdYm6Bx4bgg08pECdJ6-asVXhwW0vrzRLqWhrHghYCbkGjwhx3Za86ApVC9XYgIVpGkMxynzg/TS450_690/TS-450_Mods_KB2LJJ.pdf>
>
> *TS-850_Carrier_Board_Cap_Replacement_W6OT.pdf<http://f1.grp.yahoofs.com/v1/cMp1Ty05IuURTfzTejgejWxgiM63w20Wxs_wlr97SmGeLk2F5_9lY9ncuvwCCLqx_oyzBhrrxP4CyjzKXC9JoOl534OrWJgxuw/TS450_690/TS-850_Carrier_Board_Cap_Replacement_W6OT.pdf>
>
>
> -Josh KD7PAJ
>
>
> [Non-text portions of this message have been removed]
>

11251. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-31 21:39:29 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 11251

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Lithium battery soldering.pdf
Uploaded by : avvidclif <clif@...>
Description : Why not to solder to a lithium battery

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/Lithium%20battery%20soldering.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

avvidclif <clif@...>

11252. Re: [TS-850_450_690] Re: TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-03-31 23:20:07 UTC
From: Josh Gibbs
Topic: 11240 Message: 11252

Good point and thanks for the warning. When I do this job I will make my
own write-up - I plan to use a battery holder.

-Josh

On Sat, Mar 31, 2012 at 8:43 AM, avvidclif <clif@...> wrote:

> **
>
>
> I removed the file on battery replacement because it referred to soldering
> leads on a lithium battery. This is never done as it damages the battery
> and can explode.
>
> Clif
>

[Non-text portions of this message have been removed]

11253. Re: TS-450 Cap Refresh?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-01 00:48:57 UTC
From: avvidclif
Topic: 11240 Message: 11253

Why use a holder?

Clif

--- In TS-850_450_690@yahoogroups.com, Josh Gibbs <gibbsjj@...> wrote:
>
> Good point and thanks for the warning. When I do this job I will make my
> own write-up - I plan to use a battery holder.
>
> -Josh
>
>
> On Sat, Mar 31, 2012 at 8:43 AM, avvidclif <clif@...> wrote:
>
> > **
> >
> >
> > I removed the file on battery replacement because it referred to soldering
> > leads on a lithium battery. This is never done as it damages the battery
> > and can explode.
> >
> > Clif
> >
>
>
> [Non-text portions of this message have been removed]
>

11254. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-01 09:24:05 UTC
From: Alex
Topic: 421 Message: 11254

Josh

Thank you for converting the file i uploaded.

73
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, Josh Gibbs <gibbsjj@...> wrote:
>
> Excellent! Thank you sir!!
>
> -Josh KD7PAJ
>
>
> > File : /TS-450 - 690 Commom problem.xls
> > Uploaded by : alex_barbon <a.barbon@...>
> > Description : TS 450 / 690 Common Problem
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11255. Tune 160 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-04 23:59:17 UTC
From: n0oer
Topic: 11255 Message: 11255

I just got a TS-450s and it will not tune my Long Wire on 160 meters, however the TS-440s I was using will. This is using the internal swr meter and a external meter. My friend who also has the same type radio and his won't tune it either. Any suggestions?

Gene
NØOER

11256. Re: Tune 160 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 00:32:55 UTC
From: avvidclif
Topic: 11255 Message: 11256

Neither the TS440 nor the TS450 internal tuner will work on 160. Both are 80-10

--- In TS-850_450_690@yahoogroups.com, "n0oer" <n0oer@...> wrote:
>
> I just got a TS-450s and it will not tune my Long Wire on 160 meters, however the TS-440s I was using will. This is using the internal swr meter and a external meter. My friend who also has the same type radio and his won't tune it either. Any suggestions?
>
> Gene
> NØOER
>

11257. RE: [TS-850_450_690] Tune 160 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 00:59:58 UTC
From: Dave Gmail
Topic: 11255 Message: 11257

Section 4-9 of the manual states

"2. This autotuner does not function in the 1.8Mhz band"

I don□t remember the 440s ever working there either.

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of n0oer
Sent: April-04-12 7:59 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Tune 160 meters

I just got a TS-450s and it will not tune my Long Wire on 160 meters,
however the TS-440s I was using will. This is using the internal swr meter
and a external meter. My friend who also has the same type radio and his
won't tune it either. Any suggestions?

Gene
NØOER

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

11258. Re: [TS-850_450_690] Re: Tune 160 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 00:55:12 UTC
From: Eugene Douglas
Topic: 11255 Message: 11258

thanks for the info!!!!

Gene

Gene Douglas NØOER 10-10# 76114

>_____
> From: avvidclif <clif@...>
>To: TS-850_450_690@yahoogroups.com
>Sent: Wednesday, April 4, 2012 7:32 PM
>Subject: [TS-850_450_690] Re: Tune 160 meters
>
>
>
>
>
>Neither the TS440 nor the TS450 internal tuner will work on 160. Both are 80-10
>
>--- In TS-850_450_690@yahoogroups.com, "n0oer" <n0oer@...> wrote:
>>
>> I just got a TS-450s and it will not tune my Long Wire on 160 meters, however the TS-440s I was using will. This is using the internal swr meter and a external meter. My friend who also has the same type radio and his won't tune it either. Any suggestions?
>>
>> Gene
>> NØOER
>>
>
>
>
>
>

[Non-text portions of this message have been removed]

11259. Re: [TS-850_450_690] Tune 160 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 01:15:43 UTC
From: Eugene Douglas
Topic: 11255 Message: 11259

Thanks.

Gene

Gene Douglas NØOER 10-10# 76114

>_____
> From: Dave Gmail <ve3wej@...>
>To: TS-850_450_690@yahoogroups.com
>Sent: Wednesday, April 4, 2012 7:59 PM
>Subject: RE: [TS-850_450_690] Tune 160 meters
>
>
>
>
>
>Section 4-9 of the manual states
>
>"2. This autotuner does not function in the 1.8Mhz band"
>
>I don’t remember the 440s ever working there either.
>
>Dave ve3wej/ve3ie
>
>-----Original Message-----
>From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
>On Behalf Of n0oer
>Sent: April-04-12 7:59 PM
>To: TS-850_450_690@yahoogroups.com
>Subject: [TS-850_450_690] Tune 160 meters
>
>I just got a TS-450s and it will not tune my Long Wire on 160 meters,
>however the TS-440s I was using will. This is using the internal swr meter
>and a external meter. My friend who also has the same type radio and his
>won't tune it either. Any suggestions?
>
>Gene
>NØOER
>
>-----------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>

>

[Non-text portions of this message have been removed]

11260. TS-450 No TX audio on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 05:00:42 UTC
From: ah6rr1
Topic: 11260 Message: 11260

Had a buddy call me today and said his 450 died well just the Transmit audio on SSB. It receives just fine and has full output on CW just no TX audio. I looked trugh the messages and did not find anything close to this problem. Has anyone had this happen before? If so what was the cure? I would like to know to help him get back on the air as soon as possible since he has cancer and is hamming as much as he can with the time he has left.

Roland AH6RR

11261. TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 12:34:27 UTC
From: ei3gsb
Topic: 11261 Message: 11261

I'm tearing my hair out with this issue. I previously attempted CAT Control of my TS-850 using a G4ZLP interface and got nowhere with it.
I've just received a cable in the post this morning from ebay seller "affordableradio" and have hit the same problem, I can't get my rig and PC to talk to each other.
I installed the drivers as directed, selected COM23 (according to the device manager), tried a USB hub, tried a USB port on the PC, selected the various combinations of DTR RTS, rig is not in memory mode, I've done a microprocessor reset.

Can anyone help me with this problem? I have absolutely no idea what the problem is why I can't enable CAT control.

MTIA,
Andrew

11262. Re: [TS-850_450_690] TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 13:26:13 UTC
From: Anthony W. DePrato
Topic: 11261 Message: 11262

>
>Andrew

i do not know if i can be of any help but will try. i have 2- 850's
2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we
are working with first.
1. what software program are you using dxlab hrd ?
2. are u using a computer with com ports or usb ports ?
3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood
the 870 uses a 9600 baud rate the 850 must use a slower baud rate
some programs let you set this. and the 850 needs 1400 baud 8 bits
and N parity and 1 stop bit. some programs just list the radio type
as kenwood fast or kenwood slow.
give us a list of what your setup is and some of us may be able to help
73 Tony wa4jqs

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

11263. Re: TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 13:04:28 UTC
From: kangarooman_01
Topic: 7959 Message: 11263

Hi, No i do not have 8v on the TXB test point where to next??
Vk4hmd Martin

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Start with a service manual in hand. Go to the RF Board and check for the common 8v line at the TP, then beside it the RXB and TXB (when in tx).
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "kangarooman_01" <vk4hmd@> wrote:
> >
> > Hi all, I have just gained a TS450S, has a few problems, firstly no rx audio, secondly nothing when you key the mike. So far I have checked the VCO setting all within specs.Very nice looking radio and I would like to possibly get in back in some sort of working order
> > Anyone had a similar problem?
> > Cheers
> > Vk4HMD
> >
>

11264. Re: [TS-850_450_690] TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 16:21:58 UTC
From: Tom Osborne
Topic: 11261 Message: 11264

Do you have Ham Radio Deluxe installed? If not, you should get that
freeware program.

There is a feature, 'Auto Detect' that scans your computer for the correct
baud rate, com port, etc,

Which com port are you using?

I have 3 of the 'ZLP interfaces here and they all work fine. 73
Tom W7WHY

>
>Andrew

i do not know if i can be of any help but will try. i have 2- 850's
2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we
are working with first.
1. what software program are you using dxlab hrd ?
2. are u using a computer with com ports or usb ports ?
3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood
the 870 uses a 9600 baud rate the 850 must use a slower baud rate
some programs let you set this. and the 850 needs 1400 baud 8 bits
and N parity and 1 stop bit. some programs just list the radio type
as kenwood fast or kenwood slow.
give us a list of what your setup is and some of us may be able to help
73 Tony wa4jqs

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

11265. Re: [TS-850_450_690] TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 16:32:18 UTC
From: Anthony W. DePrato
Topic: 11261 Message: 11265

At 12:21 PM 4/5/2012, Tom Osborne wrote:
>Do you have Ham Radio Deluxe installed? If not, you should get that
>freeware program.
>Tom W7WHY
>
>Tom is correct HRD will work also you may want to look at DXLAB.
>both are free.

'Andrew unit we know what program you are using there is little help
we can give. as for using com port 23 that in its self can be an
issue. even in the old days before usb ports i never had to go above
com port 8 for all my add on devices.
73 Tony
p.s. both HAM RADIO DELUXE AND DXLAB can be found via google .com search.

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

11266. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 17:17:38 UTC
From: ei3gsb
Topic: 11261 Message: 11266

HAM radio deluxe v5.0 build 2893
Dell PC running windows XP Service Pack 3
USB driver installed for USB to rig cable bought on ebay

http://www.ebay.co.uk/itm/6-USB-CAT-cable-Kenwood-TS-440s-TS-940s-TS-850s-TS-950s-TS-50s-radio-interface?item=180845062525&cmd=ViewItem&_trksid=p5197.m7&_trkparms=algo%3DLVI%26itu%3DUCI%26otn%3D5%26po%3DLVI%26ps%3D63%26clkid%3D7509792406364341620

Andrew

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
> At 12:21 PM 4/5/2012, Tom Osborne wrote:
> >Do you have Ham Radio Deluxe installed? If not, you should get that
> >freeware program.
> >Tom W7WHY
> >
> >Tom is correct HRD will work also you may want to look at DXLAB.
> >both are free.
>
> 'Andrew unit we know what program you are using there is little help
> we can give. as for using com port 23 that in its self can be an
> issue. even in the old days before usb ports i never had to go above
> com port 8 for all my add on devices.
> 73 Tony
> p.s. both HAM RADIO DELUXE AND DXLAB can be found via google .com search.
>
>
>
>
> Anthony W. DePrato WA4JQS
> Since Sept 9th 1962
> ARRL CDXC WIA FISTS A1OP
> CQ DX HALL OF FAME # 39
> DXCC HONOR ROLL
> FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> CALLS HELD
> VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> ZUT DE WA4JQS
>

11267. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 15:23:13 UTC
From: ei3gsb
Topic: 11261 Message: 11267

I'm using the following...

Kenwood TS-850S/AT
Ham Radio Deluxe V5.0 build 2893
Dell Dimension 9150 PC running XP SP3 using USB to rig cable by ebay seller 'affordableradio' This is the actual cable...
http://www.ebay.co.uk/itm/180845062525?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1497.l2649
USB driver installed as per instructions on ebay

Anything else you need to know?????

Andrew

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@...> wrote:
>
>
> >
> >Andrew
>
> i do not know if i can be of any help but will try. i have 2- 850's
> 2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we
> are working with first.
> 1. what software program are you using dxlab hrd ?
> 2. are u using a computer with com ports or usb ports ?
> 3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood
> the 870 uses a 9600 baud rate the 850 must use a slower baud rate
> some programs let you set this. and the 850 needs 1400 baud 8 bits
> and N parity and 1 stop bit. some programs just list the radio type
> as kenwood fast or kenwood slow.
> give us a list of what your setup is and some of us may be able to help
> 73 Tony wa4jqs
>
>
>
>
>
>
> Anthony W. DePrato WA4JQS
> Since Sept 9th 1962
> ARRL CDXC WIA FISTS A1OP
> CQ DX HALL OF FAME # 39
> DXCC HONOR ROLL
> FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> CALLS HELD
> VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> ZUT DE WA4JQS

>

11268. RE: [TS-850_450_690] TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 19:14:42 UTC
From: Dave Gmail
Topic: 11261 Message: 11268

My 850 is set to 4800,8,n,2

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Anthony W. DePrato
Sent: April-05-12 9:26 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850 CAT Control PLEASE HELP!!!!

>
>Andrew

i do not know if i can be of any help but will try. i have 2- 850's
2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we are
working with first.
1. what software program are you using dxlab hrd ?
2. are u using a computer with com ports or usb ports ?
3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood the 870 uses
a 9600 baud rate the 850 must use a slower baud rate some programs let you
set this. and the 850 needs 1400 baud 8 bits and N parity and 1 stop
bit. some programs just list the radio type as kenwood fast or kenwood slow.
give us a list of what your setup is and some of us may be able to help
73 Tony wa4jqs

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988 CALLS HELD VP8BZL VP8SSI 3Y0PI
ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1 ZUT DE WA4JQS

THANKS FOR USING TS-850_450_690@...! Groups Links

11269. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 19:19:38 UTC
From: Mel
Topic: 11261 Message: 11269

I also am running my TS-850 with the USB to serial converter from Affordable in Win XP. I am running Ham Radio Deluxe (latest version). I looked in the Device Manager and it lists the working port as "Prolific USB-to-Serial Comm Port" with an address of Com8:. It is running at 4800 baud.

On other USB devices I've installed on my computer, manufacturer's instructions always ask you to install the software device driver BEFORE attaching the device, otherwise Windows may install a default driver which probably will not work.

If you had the misfortune of being struck by this problem, you can roll-back the device driver from the Device Manager window, disconnect the USB cable, re-install the Prolific Device driver provided by the supplier, re-attach the USB cable and you should be good to go after RESTART of the system. Also power-cycle the radio so that it connects anew to your computer.

Although I cannot see it today, I've been asked to handshake on both RTS and CTS for the Kenwood before when using the Affordaable USB to Serial converter.

Possibly correct procedure for Win 7 may be a bit different. I am not sure although I have configured and run my 850 from a laptop running Win 7 sometime in the recent past.

Good Luck & 73,
Mel - KF6OZ

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:
>
> I'm using the following...
>
> Kenwood TS-850S/AT
> Ham Radio Deluxe V5.0 build 2893
> Dell Dimension 9150 PC running XP SP3 using USB to rig cable by ebay seller 'affordableradio' This is the actual cable...
>
http://www.ebay.co.uk/itm/180845062525?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1497.l2649
> USB driver installed as per instructions on ebay
>
> Anything else you need to know?????
>
> Andrew
>
>
> --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@> wrote:
> >
> >
> > > >
> > >Andrew

> >
> > i do not know if i can be of any help but will try. i have 2- 850's
> > 2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we
> > are working with first.
> > 1. what software program are you using dxlab hrd ?
> > 2. are u using a computer with com ports or usb ports ?
> > 3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood
> > the 870 uses a 9600 baud rate the 850 must use a slower baud rate
> > some programs let you set this. and the 850 needs 1400 baud 8 bits
> > and N parity and 1 stop bit. some programs just list the radio type
> > as kenwood fast or kenwood slow.
> > give us a list of what your setup is and some of us may be able to help
> > 73 Tony wa4jqs
> >
> >
> >
> >
> >
> >
> > Anthony W. DePrato WA4JQS
> > Since Sept 9th 1962
> > ARRL CDXC WIA FISTS A1OP
> > CQ DX HALL OF FAME # 39
> > DXCC HONOR ROLL
> > FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> > CALLS HELD
> > VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> > ZUT DE WA4JQS
> >
>

11270. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 19:29:10 UTC
From: Mel
Topic: 11261 Message: 11270

Hi all,
One thing further...perhaps it would seem obvious but if you have a DSP-100 attached to your TS-850, the DSP-100 must be powered on for a remote connection to be made from your computer. This could trick one out as the radio is largely functional with the DSP attached but not powered on.
73,
Mel - KF6OZ

--- In TS-850_450_690@yahoogroups.com, "Mel" <mel@...> wrote:
>
> I also am running my TS-850 with the USB to serial converter from Affordable in Win XP. I am running Ham Radio Deluxe (latest version). I looked in the Device Manager and it lists the working port as "Prolific USB-to-Serial Comm Port" with an address of Com8:. It is running at 4800 baud.
>
> On other USB devices I've installed on my computer, manufacturer's instructions always ask you to install the software device driver BEFORE attaching the device, otherwise Windows may install a default driver which probably will not work.
>
> If you had the misfortune of being struck by this problem, you can roll-back the device driver from the Device Manager window, disconnect the USB cable, re-install the Prolific Device driver provided by the supplier, re-attach the USB cable and you should be good to go after RESTART of the system. Also power-cycle the radio so that it connects anew to your computer.
>
> Although I cannot see it today, I've been asked to handshake on both RTS and CTS for the Kenwood before when using the Affordaable USB to Serial converter.
>
> Possibly correct procedure for Win 7 may be a bit different. I am not sure although I have configured and run my 850 from a laptop running Win 7 sometime in the recent past.
>
> Good Luck & 73,
> Mel - KF6OZ
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@> wrote:
> >
> > I'm using the following...
> >
> > Kenwood TS-850S/AT
> > Ham Radio Deluxe V5.0 build 2893
> > Dell Dimension 9150 PC running XP SP3 using USB to rig cable by ebay seller 'affordableradio' This is the actual cable...
> >

http://www.ebay.co.uk/itm/180845062525?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1497.l2649
> > USB driver installed as per instructions on ebay
> >
> > Anything else you need to know?????
> >
> > Andrew
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@> wrote:
> > >
> > >
> > > >
> > > >Andrew
> > >
> > > i do not know if i can be of any help but will try. i have 2- 850's
> > > 2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we
> > > are working with first.
> > > 1. what software program are you using dxlab hrd ?
> > > 2. are u using a computer with com ports or usb ports ?
> > > 3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood
> > > the 870 uses a 9600 baud rate the 850 must use a slower baud rate
> > > some programs let you set this. and the 850 needs 1400 baud 8 bits
> > > and N parity and 1 stop bit. some programs just list the radio type
> > > as kenwood fast or kenwood slow.
> > > give us a list of what your setup is and some of us may be able to help
> > > 73 Tony wa4jqs
> > >
> > >
> > >
> > >
> > >
> > >
> > > Anthony W. DePrato WA4JQS
> > > Since Sept 9th 1962
> > > ARRL CDXC WIA FISTS A1OP
> > > CQ DX HALL OF FAME # 39
> > > DXCC HONOR ROLL
> > > FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> > > CALLS HELD
> > > VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> > > ZUT DE WA4JQS
> > >
> >
>

11271. Re: [TS-850_450_690] Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 20:21:52 UTC
From: Tom Osborne
Topic: 11261 Message: 11271

Hi Andrew

Does the USB cable use a serial port? I know on my WinKey setup, I have to have the comport set to the right one.

You can go to device manager, click on comports and see which one is assigned to the USB cable. 73
Tom W7WHY

I'm using the following...

Kenwood TS-850S/AT
Ham Radio Deluxe V5.0 build 2893
Dell Dimension 9150 PC running XP SP3 using USB to rig cable by ebay seller 'affordableradio' This is the actual cable...
http://www.ebay.co.uk/itm/180845062525?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1497.l2649
USB driver installed as per instructions on ebay

Anything else you need to know?????

Andrew

11272. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 20:37:57 UTC
From: ei3gsb
Topic: 11261 Message: 11272

Right, I have it working now. The important detail that no one has mentioned is to ensure that NO interface power or flow control options are checked when connecting in HRD. It doesn't matter a whit whether software is installed before or after connecting the cable, port number is not of any consequence to correct operation.
Don't get hung up on the Port issue like I did, the essential part is outlined above...

Andrew

--- In TS-850_450_690@yahoogroups.com, "Mel" <mel@...> wrote:
>
> Hi all,
> One thing further...perhaps it would seem obvious but if you have a DSP-100 attached to your TS-850, the DSP-100 must be powered on for a remote connection to be made from your computer. This could trick one out as the radio is largely functional with the DSP attached but not powered on.
> 73,
> Mel - KF6OZ
>
> --- In TS-850_450_690@yahoogroups.com, "Mel" <mel@> wrote:
> >
> > I also am running my TS-850 with the USB to serial converter from Affordable in Win XP. I am running Ham Radio Deluxe (latest version). I looked in the Device Manager and it lists the working port as "Prolific USB-to-Serial Comm Port" with an address of Com8:. It is running at 4800 baud.
> >
> > On other USB devices I've installed on my computer, manufacturer's instructions always ask you to install the software device driver BEFORE attaching the device, otherwise Windows may install a default driver which probably will not work.
> >
> > If you had the misfortune of being struck by this problem, you can roll-back the device driver from the Device Manager window, disconnect the USB cable, re-install the Prolific Device driver provided by the supplier, re-attach the USB cable and you should be good to go after RESTART of the system. Also power-cycle the radio so that it connects anew to your computer.
> >
> > Although I cannot see it today, I've been asked to handshake on both RTS and CTS for the Kenwood before when using the Affordaable USB to Serial converter.
> >
> > Possibly correct procedure for Win 7 may be a bit different. I am not sure although I have configured and run my 850 from a laptop running Win 7 sometime in the recent past.
> >
> > Good Luck & 73,
> > Mel - KF6OZ
> >
> >

> >
> > --- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@> wrote:
> > >
> > > I'm using the following...
> > >
> > > Kenwood TS-850S/AT
> > > Ham Radio Deluxe V5.0 build 2893
> > > Dell Dimension 9150 PC running XP SP3 using USB to rig cable by ebay seller
'affordableradio' This is the actual cable...
> > >
http://www.ebay.co.uk/itm/180845062525?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1497.l2649
> > > USB driver installed as per instructions on ebay
> > >
> > > Anything else you need to know?????
> > >
> > > Andrew
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@> wrote:
> > > >
> > > >
> > > > >
> > > > >Andrew
> > > >
> > > > i do not know if i can be of any help but will try. i have 2- 850's
> > > > 2- 950;s and a ts 870 all using ZLP interfaces. so lets see what we
> > > > are working with first.
> > > > 1. what software program are you using dxlab hrd ?
> > > > 2. are u using a computer with com ports or usb ports ?
> > > > 3. what are you setting the parms at ? 1400 8 n 1 ? for kenwood
> > > > the 870 uses a 9600 baud rate the 850 must use a slower baud rate
> > > > some programs let you set this. and the 850 needs 1400 baud 8 bits
> > > > and N parity and 1 stop bit. some programs just list the radio type
> > > > as kenwood fast or kenwood slow.
> > > > give us a list of what your setup is and some of us may be able to help
> > > > 73 Tony wa4jqs
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Anthony W. DePrato WA4JQS
> > > > Since Sept 9th 1962
> > > > ARRL CDXC WIA FISTS A1OP
> > > > CQ DX HALL OF FAME # 39
> > > > DXCC HONOR ROLL
> > > > FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> > > > CALLS HELD
> > > > VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1

> > > > ZUT DE WA4JQS
> > > >
> > >
> >
>

11273. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 19:21:31 UTC
From: ei3gsb
Topic: 11261 Message: 11273

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> My 850 is set to 4800,8,n,2

Flow control????? My port settings give me 3 options...

11274. Re: [TS-850_450_690] Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-06 00:17:10 UTC
From: Anthony W. DePrato
Topic: 11261 Message: 11274

At 04:37 PM 4/5/2012, you wrote:
>Right, I have it working now. The important detail that no one has
>mentioned is to ensure that NO interface power or flow control
>options are checked when connecting in HRD. It doesn't matter a whit
>whether software is installed before or after connecting the cable,
>port number is not of any consequence to correct operation.
>Don't get hung up on the Port issue like I did, the essential part
>is outlined above...
>
>Andrew
>glad you got it working. the flow control options were next on the
>what setting are you using list .. hi hi..

73 Tony

11275. Re: TS-850 CAT Control PLEASE HELP!!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-05 22:57:34 UTC
From: ei3gsb
Topic: 11261 Message: 11275

--- In TS-850_450_690@yahoogroups.com, "ei3gsb" <ei3gsb@...> wrote:

It doesn't matter a whit whether software is installed before or after connecting the cable, port number is not of any consequence to correct operation.

> Andrew

Just to clarify about the Port number, obviously it IS of consequence but what I meant to say was to select 'Auto Detect' for both Port Number and Speed in the 'Connect' dialogue. If you really struggle to make any configuration changes to your PC then let HRD do the hard work of finding which port your CAT cable is on...

Andrew

11276. Need TS-430 help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-06 18:34:40 UTC
From: k6acj
Topic: 11276 Message: 11276

I know this is not the TS-430 group but maybe someone is familiar with this ol radio. Resistor R-180 in the VOX circuit is clipped, just want to know if there is a documented reason. CW/SSB with Operation seems fine, nothing found on google. Bill K6ACJ TS430/TS450/TS480

11277. Alternative mic amp for my TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-06 19:21:13 UTC
From: pauldebono@rocketmail.com
Topic: 11277 Message: 11277

I like to fit a new mic amplifier for my TS850. Is there a clean audio line input at the back , at the acc sockets of the TS850 ?

11278. Re: Alternative mic amp for my TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-06 20:39:23 UTC
From: w8nf
Topic: 11277 Message: 11278

Yes. The pinout is shown in the manual somewhere. I believe the connector is a standard DIN connector. I use it for the audio I/O for digital (aka soundcard) modes.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "pauldebono@..." <pawlud@...> wrote:
>
> I like to fit a new mic amplifier for my TS850. Is there a clean audio line input at the back , at the acc sockets of the TS850 ?
>

11279. Re: TS-450 No TX audio on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-06 22:37:44 UTC
From: ah6rr1
Topic: 11260 Message: 11279

I guess nobody has had this problem before.

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@...> wrote:
>
> Had a buddy call me today and said his 450 died well just the Transmit audio on SSB. It receives just fine and has full output on CW just no TX audio. I looked trugh the messages and did not find anything close to this problem. Has anyone had this happen before? If so what was the cure? I would like to know to help him get back on the air as soon as possible since he has cancer and is hamming as much as he can with the time he has left.
>
> Roland AH6RR
>

11280. Re: [TS-850_450_690] Re: TS-450 No TX audio on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-06 23:41:04 UTC
From: Josh Gibbs
Topic: 11260 Message: 11280

Hi Roland,

I'm no expert, and have not had this problem... however I would open the radio up and start looking for capacitors that have leaked. Take a look in the files section of the yahoo group, in the TS450 folder. There are some docs in there that will help you identify the ones that are know to leak (and some other common problems with these rigs). I would also take a look at the memory battery and see if it has leaked.

Could it be something simple like mic gain not turned up, or a bad mic?

Sorry, that's all I've got. Hopefully one of the gurus will respond :)

Have a nice weekend and good luck!

73,

-Josh KD7PAJ

On Fri, Apr 6, 2012 at 3:37 PM, ah6rr1 <ah6rr@...> wrote:

> **
>
>
> I guess nobody has had this problem before.
>
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@...> wrote:
> >
> > Had a buddy call me today and said his 450 died well just the Transmit
> audio on SSB. It receives just fine and has full output on CW just no TX
> audio. I looked trugh the messages and did not find anything close to this
> problem. Has anyone had this happen before? If so what was the cure? I
> would like to know to help him get back on the air as soon as possible
> since he has cancer and is hamming as much as he can with the time he has
> left.
> >
> > Roland AH6RR
> >
>
>
>

[Non-text portions of this message have been removed]

11281. RE: [TS-850_450_690] Re: TS-450 No TX audio on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-07 02:01:32 UTC
From: Dave Gmail
Topic: 11260 Message: 11281

I will take a stab,

Has he confirmed that it is NOT the mike itself. Has he recently added a sound card device, that may be mute the front mike jack. Does he have another mike, or a local hams radio to swap out

Does it work with a sound card device., does it key in cw with full output

Does it key in fsk mode???

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ah6rr1
Sent: April-06-12 6:38 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-450 No TX audio on SSB

I guess nobody has had this problem before.

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@...> wrote:
>
> Had a buddy call me today and said his 450 died well just the Transmit audio on SSB. It receives just fine and has full output on CW just no TX audio. I looked trugh the messages and did not find anything close to this problem. Has anyone had this happen before? If so what was the cure? I would like to know to help him get back on the air as soon as possible since he has cancer and is hamming as much as he can with the time he has left.
>
> Roland AH6RR
>

THANKS FOR USING TS-850_450_690@...! Groups Links

11282. Re: Need TS-430 help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-07 02:55:34 UTC
From: avvidclif
Topic: 11276 Message: 11282

Since every board (almost)in the radio has an R180 can we get a clue which one?

Clif

--- In TS-850_450_690@yahoogroups.com, "k6acj" <k6acj@...> wrote:
>
> I know this is not the TS-430 group but maybe someone is familiar with this ol radio. Resistor R-180 in the VOX circuit is clipped, just want to know if there is a documented reason. CW/SSB with Operation seems fine, nothing found on google. Bill K6ACJ TS430/TS450/TS480
>

11283. TS850 JEZB firmware?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-12 00:15:10 UTC
From: tom@k6aet.org
Topic: 11283 Message: 11283

By any chance does someone have a copy of the JEZB firmware for the TS850? Its IC18. A friend of mine is modifying the firmware to add some support for HiFi AM. He's already managed to tweak the JEZA firmware to support it. Even bought a second digital board in the hopes that it came with the JEZB firmware but no luck...

Thanks!

11284. Re: TS-450 No TX audio on SSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-12 20:08:39 UTC
From: ah6rr1
Topic: 11260 Message: 11284

I was tired after work so I mistakenly thought he said No TX Audio it turned out to be the RX audio and I replaced C104 on the IF board after cleaning the board good. All is fine now and working 100% thanks everyone. I guess I need more coffee through out the day :-).

Roland AH6RR
PS I picked up a Virgin TS-850 and PS-52 yesterday in the mid 60mil serial number range for $500 Now I need to save my pennies to send my other 850 to Clif for a complete tune up since I do not have the proper equipment to do it myself.

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> I will take a stab,
>
> Has he confirmed that it is NOT the mike itself. Has he recently added a
> sound card device, that may be mute the front mike jack. Does he have
> another mike, or a local hams radio to swap out
>
>
> Does it work with a sound card device., does it key in cw with full output
>
> Does it key in fsk mode???
>
>
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ah6rr1
> Sent: April-06-12 6:38 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-450 No TX audio on SSB
>
> I guess nobody has had this problem before.
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@> wrote:
> >
> > Had a buddy call me today and said his 450 died well just the Transmit
> audio on SSB. It receives just fine and has full output on CW just no TX
> audio. I looked trugh the messages and did not find anything close to this
> problem. Has anyone had this happen before? If so what was the cure? I would
> like to know to help him get back on the air as soon as possible since he
> has cancer and is hamming as much as he can with the time he has left.
> >

> > Roland AH6RR
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11285. TS-850SAT TX/RX dead from 4 to 6.999.0 megs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-13 01:42:38 UTC
From: kg4odx
Topic: 11285 Message: 11285

my 850sat is suddenly dead from 4 to 6.999 mgz

11286. RE: [TS-850_450_690] TS-850SAT TX/RX dead from 4 to 6.999.0 megs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-13 19:18:03 UTC
From: Dave Gmail
Topic: 11285 Message: 11286

Need more info, pls.

Is it NO display, no receive, of course no transmit, showing dots instead of display, resonant antenna for that non ham portion?

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kg4odx
Sent: April-12-12 9:43 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850SAT TX/RX dead from 4 to 6.999.0 megs

my 850sat is suddenly dead from 4 to 6.999 mgz

THANKS FOR USING TS-850_450_690@...! Groups Links

11287. 60 Meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-18 22:57:22 UTC
From: n0oer
Topic: 11287 Message: 11287

I would like to know who would you recommend to put 60 meters in my Kenwood TS-450s? I would attempt it myself but eyesight is not what it used to be, TIA.

11288. Ts-450 s Needing help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-19 15:31:57 UTC
From: BobK
Topic: 11288 Message: 11288

Hello first post.
I picked up a ts-450s at a yard sale had been in storge 8 to 9 years,it has good rec and output Ant tuner working. After about 45 min.to an hour being turn on the display gos blank with just dots no #s,and giving a alarm in morse of UL UL UL.
I have reset radio and after it sets for about 15 to 20 min,it will go back to working for another Hr. From reading messages on here Im thinking may have leaking caps. Needing info on where(what board)to start looking for problem,and what caps may be bad.

Thanks
Bob K
KF5DCS

11289. TS 690S service manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-20 00:32:08 UTC
From: Robert Mendel
Topic: 11289 Message: 11289

I'm looking for the schematics and service manual for our clubs radio any suggestions will be appreciated----radio suffers from low output power----on am-it loads up to 20-25 watts----on am or ssb audio causes the output to drop--------Also a member of another group suggested you folks and I lost his email--so if you have a company you would recommend for service please pass that info along as well.

Tom KC9UGC

[Non-text portions of this message have been removed]

11290. Re: TS 690S service manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-20 11:35:14 UTC
From: Eugene Douglas
Topic: 11289 Message: 11290

I reecommend this company.

http://www.avvid.com/

Gene Douglas NØOER 10-10# 76114

[Non-text portions of this message have been removed]

11291. RE: [TS-850_450_690] TS 690S service manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-20 03:06:08 UTC
From: Richard Schmuke
Topic: 11289 Message: 11291

Tom , I think it was me in the other group. I said try Calvin Fisher, hamrepair.com. He did a good job for me. E mail me direct for his phone number.

Rich, Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Robert Mendel
Sent: Thursday, April 19, 2012 7:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS 690S service manual

I'm looking for the schematics and service manual for our clubs radio any suggestions will be appreciated----radio suffers from low output power----on am-it loads up to 20-25 watts----on am or ssb audio causes the output to drop--------Also a member of another group suggested you folks and I lost his email--so if you have a company you would recommend for service please pass that info along as well.

Tom KC9UGC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11292. Re: [TS-850_450_690] TS 690S service manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-20 13:59:30 UTC
From: Bob Richie
Topic: 11289 Message: 11292

This guy did a good job on my TS 450. The wire that connects the S0 239 for the antenna may be solid. Changing to a stranded wire may give better long term reliability.

JOHN C KIMBROUGH, WR3S
324 ANNADEL STREET
MURFREESBORO, TN 37128
USA

Email: wr3s@...

Bob
K5YB
Kerrville, TX 78028

From: Richard Schmuke <rdj@...>
To: TS-850_450_690@yahoogroups.com
Cc: Robert Mendel <rtmendel@...>
Sent: Thursday, April 19, 2012 10:06 PM
Subject: RE: [TS-850_450_690] TS 690S service manual

Tom , I think it was me in the other group. I said try Calvin Fisher, hamrepair.com. He did a good job for me. E mail me direct for his phone number.

Rich, Kd0zz

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Robert Mendel
Sent: Thursday, April 19, 2012 7:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS 690S service manual

I'm looking for the schematics and service manual for our clubs radio any suggestions will be appreciated----radio suffers from low output power----on am-it loads up to 20-25 watts----on am or ssb audio causes the output to drop--------Also a member of another group suggested you folks and I lost his email--so if you have a company you would recommend for service please pass that info along as well.

Tom KC9UGC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11293. Can't move AT-450 Ant Tuner from one TS-450 to another

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-20 21:38:03 UTC
From: drelectrode
Topic: 11293 Message: 11293

I've got a perfectly functional internal AT in one TS-450 but I'd like to transfer it to another TS-450 that has been upgraded with International filter (which I love) and has been aligned. The Rig that the AT is currently in is a bit deaf on the high bands.

When I installed the AT in the second rig, I connected the necessary cables, cut the W5 jumper, enabled the AT in both menus 31 & 32, and pushed in the auto button, nothing. No clicks, pops or otherwise acknowledgement that the AT was in there. On the filter board, relay K15 is not getting energized and there is no voltage on pin 6 of CN6 of the filter board when I tested it. All cables have been checked and reseated.

I put the AT back in the original rig and it still works fine. What am I missing?

Thanks,
Larry N3OJD

11294. Paddle with my Kenwood TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-20 23:56:33 UTC
From: n0oer
Topic: 11294 Message: 11294

I looked at the book and it shows a stright key only with the ts-450. Anyone using a paddle with it? I can't seem to get it to work. Any suggestions?

11295. Re: [TS-850_450_690] Paddle with my Kenwood TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 00:55:21 UTC
From: Kurt Cathcart, KR2C
Topic: 11294 Message: 11295

You will need an external keyer. I use an mfj 401d

-Kurt
KR2C
-----Original Message-----
From: "n0oer" <n0oer@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Fri, 20 Apr 2012 23:56:33
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Paddle with my Kenwood TS-450s

I looked at the book and it shows a stright key only with the ts-450. Anyone using a paddle with it? I can't seem to get it to work. Any suggestions?

[Non-text portions of this message have been removed]

11296. PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 07:02:52 UTC
From: pauldebono@rocketmail.com
Topic: 11296 Message: 11296

I have a Lexma X255 headset, works excellent on a PC. I want to fit it on my TS850, but I am puzzled with the mic connection. It has the usual 3.5mm jack, with a tip, ring & sleeve. The connection to the PC soundcard input is indicating that both the 4.5 volts supply and the audio output are coming from the tip. When tried to feed it this way, with a 10uf dc blocking capacitor, it did not work. Anyone can help please. Thanks

11297. RE: [TS-850_450_690] PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 12:48:37 UTC
From: Dave Gmail
Topic: 11296 Message: 11297

I don't know the brand, but why would a computer headset need 4.5 v at the pin, is it have a battery inside?? Do you have paperwork on this headset?? I found nothing on the WWW.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of pauldebono@...
Sent: April-21-12 3:03 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] PC Headset

I have a Lexma X255 headset, works excellent on a PC. I want to fit it on my TS850, but I am puzzled with the mic connection. It has the usual 3.5mm jack, with a tip, ring & sleeve. The connection to the PC soundcard input is indicating that both the 4.5 volts supply and the audio output are coming from the tip. When tried to feed it this way, with a 10uf dc blocking capacitor, it did not work. Anyone can help please. Thanks

---

THANKS FOR USING TS-850_450_690@...! Groups Links

11298. Re: PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 14:35:05 UTC
From: birchardvilleobservatory
Topic: 11296 Message: 11298

Many of these headsets have a small condenser microphone (I know it is really a capacitor thingy, but that's what I remember them being called). They are very high impedance microphones, so they have a transistor amplifier needing the voltage.

Others are condenser microphones that need bias voltage.

Still others have electret microphones (sort of a permanently charged capacitor design).

In any of these cases, a blocking capacitor won't let the power for the amplifier or bias for the condenser microphone get where it needs to go.

(I made this up from whole cloth -- but it is likely what's happening ;-))

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> I don't know the brand, but why would a computer headset need 4.5 v at the
> pin, is it have a battery inside?? Do you have paperwork on this headset?? I
> found nothing on the WWW.
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of pauldebono@...
> Sent: April-21-12 3:03 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] PC Headset
>
> I have a Lexma X255 headset, works excellent on a PC. I want to fit it on my
> TS850, but I am puzzled with the mic connection. It has the usual 3.5mm
> jack, with a tip, ring & sleeve. The connection to the PC soundcard input is
> indicating that both the 4.5 volts supply and the audio output are coming
> from the tip. When tried to feed it this way, with a 10uf dc blocking
> capacitor, it did not work. Anyone can help please. Thanks
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11299. Re: PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 15:00:27 UTC
From: birchardvilleobservatory
Topic: 11296 Message: 11299

From wikipedia article on TRS connector:

Computer sound
A 3.5mm plug for computer audio

Personal computer sound cards from Creative Labs, Sound Blaster or compatible to these use a 3.5 mm TRS as a mono microphone input, and deliver a 5 V polarising voltage on the ring to power electret microphones from the card manufacturer. Sometimes termed phantom power, this is not a suitable power source for microphones designed for true phantom power and is better termed bias voltage. (Note that this is not a polarizing voltage for the condenser, as electrets by definition have an intrinsic voltage; it is power for a preamplifier FET [transistor] built into the electret microphone can.) Compatibility between different manufacturers is unreliable.

Does this help?

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> Many of these headsets have a small condenser microphone (I know it is really a capacitor thingy, but that's what I remember them being called). They are very high impedance microphones, so they have a transistor amplifier needing the voltage.
>
> Others are condenser microphones that need bias voltage.
>
> Still others have electret microphones (sort of a permanently charged capacitor design).
>
> In any of these cases, a blocking capacitor won't let the power for the amplifier or bias for the condenser microphone get where it needs to go.
>
> (I made this up from whole cloth -- but it is likely what's happening ;-))
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > I don't know the brand, but why would a computer headset need 4.5 v at the
> > pin, is it have a battery inside?? Do you have paperwork on this headset?? I
> > found nothing on the WWW.
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

> > On Behalf Of pauldebono@
> > Sent: April-21-12 3:03 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] PC Headset
> >
> > I have a Lexma X255 headset, works excellent on a PC. I want to fit it on my
> > TS850, but I am puzzled with the mic connection. It has the usual 3.5mm
> > jack, with a tip, ring & sleeve. The connection to the PC soundcard input is
> > indicating that both the 4.5 volts supply and the audio output are coming
> > from the tip. When tried to feed it this way, with a 10uf dc blocking
> > capacitor, it did not work. Anyone can help please. Thanks
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

11300. Re: PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 15:19:24 UTC
From: birchardvilleobservatory
Topic: 11296 Message: 11300

Here's another useful link:
http://www.epanorama.net/circuits/microphone_powering.html

Look for the section, "Sound Blaster Way"

Dan AA3LS
--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory"
<birchardvilleobservatory@...> wrote:
>
> Many of these headsets have a small condenser microphone (I know it is really a capacitor thingy, but that's what I remember them being called). They are very high impedance microphones, so they have a transistor amplifier needing the voltage.
>
> Others are condenser microphones that need bias voltage.
>
> Still others have electret microphones (sort of a permanently charged capacitor design).
>
> In any of these cases, a blocking capacitor won't let the power for the amplifier or bias for the condenser microphone get where it needs to go.
>
> (I made this up from whole cloth -- but it is likely what's happening ;-))
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > I don't know the brand, but why would a computer headset need 4.5 v at the
> > pin, is it have a battery inside?? Do you have paperwork on this headset?? I
> > found nothing on the WWW.
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of pauldebono@
> > Sent: April-21-12 3:03 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] PC Headset
> >
> > I have a Lexma X255 headset, works excellent on a PC. I want to fit it on my
> > TS850, but I am puzzled with the mic connection. It has the usual 3.5mm
> > jack, with a tip, ring & sleeve. The connection to the PC soundcard input is
> > indicating that both the 4.5 volts supply and the audio output are coming
> > from the tip. When tried to feed it this way, with a 10uf dc blocking
> > capacitor, it did not work. Anyone can help please. Thanks

> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

11301. Re: Paddle with my Kenwood TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 15:28:29 UTC
From: bswadener
Topic: 11294 Message: 11301

--- In TS-850_450_690@yahoogroups.com, N0OER wrote:
>
> I looked at the book and it shows a stright key only with the ts-450. Anyone using a paddle with it? I can't seem to get it to work. Any suggestions?
>

The TS450 doesn't have an internal electronic keyer. Use a straight key or other external Morse generator (keyer, bug, keyboard, etc). My TS850S has an internal keyer but I still use an external keyer (WB4VVF Accu-Keyer), my computer during contesting and a nice straight key.

vy 73,
Bryan WA7PRC

11302. Re: Can't move AT-450 Ant Tuner from one TS-450 to another

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 15:30:45 UTC
From: avvidclif
Topic: 11293 Message: 11302

Hold down the Enter button and turn on the radio. This is the menu where you tell the radio what filters you have and IF you are running an AT300. If #1 is "ON" the radio is expecting an external tuner and the internal is disabled.

Clif

--- In TS-850_450_690@yahoogroups.com, "drelectrode" <larrywolken@...> wrote:
>
> I've got a perfectly functional internal AT in one TS-450 but I'd like to transfer it to another TS-450 that has been upgraded with International filter (which I love) and has been aligned. The Rig that the AT is currently in is a bit deaf on the high bands.
>
>
> When I installed the AT in the second rig, I connected the necessary cables, cut the W5 jumper, enabled the AT in both menus 31 & 32, and pushed in the auto button, nothing. No clicks, pops or otherwise acknowledgement that the AT was in there. On the filter board, relay K15 is not getting energized and there is no voltage on pin 6 of CN6 of the filter board when I tested it. All cables have been checked and reseated.
>
> I put the AT back in the original rig and it still works fine. What am I missing?
>
> Thanks,
> Larry N3OJD
>

11303. RE: Paddle on Kenwood TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-21 15:58:15 UTC
From: n0oer
Topic: 11303 Message: 11303

Thanks for all the suggestions.

11304. TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 00:07:34 UTC
From: kk4hho
Topic: 11304 Message: 11304

I have a TS-850 and it is failing to tune on 20 meters on a Off center fed Windome Invert V. Every other band is tuning fine. I had a TS-440SAT before and it was tuning 20m fine on the same ant.

Any thoughts? Car Control is at 12 o'clock too

Thx
Eric
KK4HHO

11305. Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 01:21:21 UTC
From: Bob Naylor
Topic: 11304 Message: 11305

Eric, You are comparing apples to oranges. They are different rigs and the test was done at different times. I would try making small changes in the feed line length or the antenna length. If you change only the feed line length, which I would try first, the SWR will be the same (as long as no other problems exist) but the L and C will change to possibly an impedance that the tuner can handle.Just about anything can change at anytime, for example, if the antenna was near a tree(s) and now since it's spring, it may have leaves on it where it did not last winter, so that can change things. The antenna is being effected by the ground, or nearby objects for that matter, which at one time were wet or covered with snow, and now they are not. Those are just examples. Try adding a jumper coax of a few feet at the rig and try again on all parts of the band. I've seen this B4.
 Let us know how you do.
73, Bob WE6C

--- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:

From: kk4hho <ehask71@gmail.com>
Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
To: TS-850_450_690@yahoogroups.com
Date: Saturday, April 21, 2012, 5:07 PM

I have a TS-850 and it is failing to tune on 20 meters on a Off center fed Windome Invert V. Every other band is tuning fine. I had a TS-440SAT before and it was tuning 20m fine on the same ant.

Any thoughts? Car Control is at 12 o'clock too

Thx

Eric

KK4HHO

[Non-text portions of this message have been removed]

11306. Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 01:36:02 UTC
From: Eric Haskins
Topic: 11304 Message: 11306

Thanks Bob,

My antenna theory may be off but if a 440 with an internal at can tune
it and this very 850 was able to tune it before and nothing has changed
hence I put the 440 back on it and it tuned fine. I'm leaning toward a
radio issue and was wondering if anyone else had seen a 850 with at do this
on only one band before. The antenna is in the same place off a spreader
on my tower too

Eric
KK4HHO
sent from my Samsung Galaxy S2
On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:

> **
>
>
> Eric, You are comparing apples to oranges. They are different rigs and
> the test was done at different times. I would try making small changes in
> the feed line length or the antenna length. If you change only the feed
> line length, which I would try first, the SWR will be the same (as long as
> no other problems exist) but the L and C will change to possibly an
> impedance that the tuner can handle.Just about anything can change at
> anytime, for example, if the antenna was near a tree(s) and now since it's
> spring, it may have leaves on it where it did not last winter, so that can
> change things. The antenna is being effected by the ground, or nearby
> objects for that matter, which at one time were wet or covered with snow,
> and now they are not. Those are just examples. Try adding a jumper coax
> of a few feet at the rig and try again on all parts of the band. I've seen
> this B4. Let us know how you do.
> 73, Bob WE6C
>
> --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:
>
> From: kk4hho <ehask71@...>
> Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, April 21, 2012, 5:07 PM
>
>
>
> I have a TS-850 and it is failing to tune on 20 meters on a Off center fed
> Windome Invert V. Every other band is tuning fine. I had a TS-440SAT before
> and it was tuning 20m fine on the same ant.
>
> Any thoughts? Car Control is at 12 o'clock too

>
> Thx
>
> Eric
>
> KK4HHO
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11307. Re: PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 02:25:16 UTC
From: pauldebono@rocketmail.com
Topic: 11296 Message: 11307

The headset works excellent on my PC. I have checked the mic input connection of my souncard, by inserting a bare 3.5mm jack plug, and found that 4.5 volts are present on the tip. So I tried biasing the tip and took the audio out (via a capacitor) from here. On the mic jack of the headset, there is a direct short between the tip and the ring.

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> From wikipedia article on TRS connector:
>
> Computer sound
> A 3.5mm plug for computer audio
>
> Personal computer sound cards from Creative Labs, Sound Blaster or compatible to these use a 3.5 mm TRS as a mono microphone input, and deliver a 5 V polarising voltage on the ring to power electret microphones from the card manufacturer. Sometimes termed phantom power, this is not a suitable power source for microphones designed for true phantom power and is better termed bias voltage. (Note that this is not a polarizing voltage for the condenser, as electrets by definition have an intrinsic voltage; it is power for a preamplifier FET [transistor] built into the electret microphone can.) Compatibility between different manufacturers is unreliable.
>
> Does this help?
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@> wrote:
> >
> > Many of these headsets have a small condenser microphone (I know it is really a capacitor thingy, but that's what I remember them being called). They are very high impedance microphones, so they have a transistor amplifier needing the voltage.
> >
> > Others are condenser microphones that need bias voltage.
> >
> > Still others have electret microphones (sort of a permanently charged capacitor design).
> >
> > In any of these cases, a blocking capacitor won't let the power for the amplifier or bias for the condenser microphone get where it needs to go.
> >
> > (I made this up from whole cloth -- but it is likely what's happening ;-))
> >
> > Dan AA3LS
> >

> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > >
> > > I don't know the brand, but why would a computer headset need 4.5 v at the
> > > pin, is it have a battery inside?? Do you have paperwork on this headset?? I
> > > found nothing on the WWW.
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of pauldebono@
> > > Sent: April-21-12 3:03 AM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] PC Headset
> > >
> > > I have a Lexma X255 headset, works excellent on a PC. I want to fit it on my
> > > TS850, but I am puzzled with the mic connection. It has the usual 3.5mm
> > > jack, with a tip, ring & sleeve. The connection to the PC soundcard input is
> > > indicating that both the 4.5 volts supply and the audio output are coming
> > > from the tip. When tried to feed it this way, with a 10uf dc blocking
> > > capacitor, it did not work. Anyone can help please. Thanks
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
>

11308. Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 02:31:38 UTC
From: Tom Osborne
Topic: 11304 Message: 11308

Do you have an external tuner so you can get the SWR down before trying to
tune it with the '850? I know the tuner in my TS-450 won't tune if the SWR
is more than 3:1 or so. 73
Tom W7WHY

Thanks Bob,

My antenna theory may be off but if a 440 with an internal at can tune
it and this very 850 was able to tune it before and nothing has changed
hence I put the 440 back on it and it tuned fine. I'm leaning toward a
radio issue and was wondering if anyone else had seen a 850 with at do this
on only one band before. The antenna is in the same place off a spreader
on my tower too

Eric
KK4HHO
sent from my Samsung Galaxy S2
On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:

> **
>
>
> Eric, You are comparing apples to oranges. They are different rigs and
> the test was done at different times. I would try making small changes in
> the feed line length or the antenna length. If you change only the feed
> line length, which I would try first, the SWR will be the same (as long as
> no other problems exist) but the L and C will change to possibly an
> impedance that the tuner can handle.Just about anything can change at
> anytime, for example, if the antenna was near a tree(s) and now since it's
> spring, it may have leaves on it where it did not last winter, so that can
> change things. The antenna is being effected by the ground, or nearby
> objects for that matter, which at one time were wet or covered with snow,
> and now they are not. Those are just examples. Try adding a jumper coax
> of a few feet at the rig and try again on all parts of the band. I've seen
> this B4. Let us know how you do.
> 73, Bob WE6C
>
> --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:
>
> From: kk4hho <ehask71@...>
> Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, April 21, 2012, 5:07 PM
>
>
>

> I have a TS-850 and it is failing to tune on 20 meters on a Off center fed
> Windome Invert V. Every other band is tuning fine. I had a TS-440SAT
> before
> and it was tuning 20m fine on the same ant.
>
> Any thoughts? Car Control is at 12 o'clock too
>
> Thx
>
> Eric
>
> KK4HHO
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11309. Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 03:16:41 UTC
From: Bob Naylor
Topic: 11304 Message: 11309

Eric, It sounds like you made a good A to B test. I still would like you to try to add something to your feedline and see what happens. Maybe Clif here can give you more info than I.
Your know what's interesting is that the paperwork with radios usually says that they will tune an antenna that has an SWR of 3 to 1 or less but I have found that at times they tune a much more mis-match than that.
Keep on testing because we all learn from it. What's interesting to me is that your 850's tuner is working but just not tuning what your 440 is. This is where we need Clif to give us some more info.
Keep trying.
Bob WE6C

--- On Sat, 4/21/12, Eric Haskins <ehask71@...> wrote:

From: Eric Haskins <ehask71@...>
Subject: Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
To: TS-850_450_690@yahoogroups.com
Date: Saturday, April 21, 2012, 6:36 PM

Thanks Bob,

My antenna theory may be off but if a 440 with an internal at can tune

it and this very 850 was able to tune it before and nothing has changed

hence I put the 440 back on it and it tuned fine. I'm leaning toward a

radio issue and was wondering if anyone else had seen a 850 with at do this

on only one band before. The antenna is in the same place off a spreader

on my tower too

Eric

KK4HHO

sent from my Samsung Galaxy S2

On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:

> **

>

>

> Eric, You are comparing apples to oranges. They are different rigs and

> the test was done at different times. I would try making small changes in
> the feed line length or the antenna length. If you change only the feed
> line length, which I would try first, the SWR will be the same (as long as
> no other problems exist) but the L and C will change to possibly an
> impedance that the tuner can handle.Just about anything can change at
> anytime, for example, if the antenna was near a tree(s) and now since it's
> spring, it may have leaves on it where it did not last winter, so that can
> change things. The antenna is being effected by the ground, or nearby
> objects for that matter, which at one time were wet or covered with snow,
> and now they are not. Those are just examples. Try adding a jumper coax
> of a few feet at the rig and try again on all parts of the band. I've seen
> this B4. Let us know how you do.
> 73, Bob WE6C
>
> --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:
>
> From: kk4hho <ehask71@...>
> Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, April 21, 2012, 5:07 PM
>
>
>
> I have a TS-850 and it is failing to tune on 20 meters on a Off center fed
> Windome Invert V. Every other band is tuning fine. I had a TS-440SAT before
> and it was tuning 20m fine on the same ant.
>
> Any thoughts? Car Control is at 12 o'clock too
>

> Thx

>

> Eric

>

> KK4HHO

>

> [Non-text portions of this message have been removed]

>

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11310. Re: [TS-850_450_690] Re: PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 14:27:33 UTC
From: Keon Hayes
Topic: 11296 Message: 11310

Everyone that has responded in reference to the voltage issue is absolutely correct. The microphone you are using is some type of condenser microphone which does need voltage in order for it to function properly. Yes I am not mistaken 1 of the pins and it in the kenwood does supply 5 volts. How to get it in your case I'm not exactly sure but you are on the right track at least. Please post to the group how you got it functioning when you do.
On Apr 21, 2012 10:25 PM, "pauldebono@..." <pawlud@...>
wrote:

> **
>
>
> The headset works excellent on my PC. I have checked the mic input
> connection of my souncard, by inserting a bare 3.5mm jack plug, and found
> that 4.5 volts are present on the tip. So I tried biasing the tip and took
> the audio out (via a capacitor) from here. On the mic jack of the
> headset, there is a direct short between the tip and the ring.
>
> --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory"
> <birchardvilleobservatory@...> wrote:
> >
> > From wikipedia article on TRS connector:
> >
> > Computer sound
> > A 3.5mm plug for computer audio
> >
> > Personal computer sound cards from Creative Labs, Sound Blaster or
> compatible to these use a 3.5 mm TRS as a mono microphone input, and
> deliver a 5 V polarising voltage on the ring to power electret microphones
> from the card manufacturer. Sometimes termed phantom power, this is not a
> suitable power source for microphones designed for true phantom power and
> is better termed bias voltage. (Note that this is not a polarizing voltage
> for the condenser, as electrets by definition have an intrinsic voltage; it
> is power for a preamplifier FET [transistor] built into the electret
> microphone can.) Compatibility between different manufacturers is
> unreliable.
> >
> > Does this help?
> >
> > Dan AA3LS
> >
> > --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory"
> <birchardvilleobservatory@> wrote:
> > >
> > > Many of these headsets have a small condenser microphone (I know it is

> really a capacitor thingy, but that's what I remember them being called).
> They are very high impedance microphones, so they have a transistor
> amplifier needing the voltage.
> > >
> > > Others are condenser microphones that need bias voltage.
> > >
> > > Still others have electret microphones (sort of a permanently charged
> capacitor design).
> > >
> > > In any of these cases, a blocking capacitor won't let the power for
> the amplifier or bias for the condenser microphone get where it needs to
> go.
> > >
> > > (I made this up from whole cloth -- but it is likely what's happening
> ;-))
> > >
> > > Dan AA3LS
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > >
> > > > I don't know the brand, but why would a computer headset need 4.5 v
> at the
> > > > pin, is it have a battery inside?? Do you have paperwork on this
> headset?? I
> > > > found nothing on the WWW.
> > > >
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> > > > On Behalf Of pauldebono@
> > > > Sent: April-21-12 3:03 AM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: [TS-850_450_690] PC Headset
> > > >
> > > > I have a Lexma X255 headset, works excellent on a PC. I want to fit
> it on my
> > > > TS850, but I am puzzled with the mic connection. It has the usual
> 3.5mm
> > > > jack, with a tip, ring & sleeve. The connection to the PC soundcard
> input is
> > > > indicating that both the 4.5 volts supply and the audio output are
> coming
> > > > from the tip. When tried to feed it this way, with a 10uf dc blocking
> > > > capacitor, it did not work. Anyone can help please. Thanks
> > > >
> > > >
> > > >
> > > > ------------------------------------

> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > >
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

11311. Re[2]: [TS-850_450_690] Re: PC Headset

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 16:15:52 UTC
From: ve3wej@gmail.com
Topic: 11296 Message: 11311

pin 5, (of the 8 pin round style)
but be careful some k/w are 8v not 5v...

------ Original Message ------
From: "Keon Hayes" <ke3hay@...m>
To: TS-850_450_690@yahoogroups.com
Sent: 22/04/2012 10:27:33 AM
Subject: Re: [TS-850_450_690] Re: PC Headset
>Everyone that has responded in reference to the voltage issue is absolutely
>correct. The microphone you are using is some type of condenser microphone
>which does need voltage in order for it to function properly. Yes I am not
>mistaken 1 of the pins and it in the kenwood does supply 5 volts. How to
>get it in your case I'm not exactly sure but you are on the right track at
>least. Please post to the group how you got it functioning when you do.
>On Apr 21, 2012 10:25 PM, "pauldebono@..." <pawlud@...>
>wrote:
>
>
>>
>>**
>>
>>
>>The headset works excellent on my PC. I have checked the mic input
>>connection of my souncard, by inserting a bare 3.5mm jack plug, and found
>>that 4.5 volts are present on the tip. So I tried biasing the tip and took
>>the audio out (via a capacitor) from here. On the mic jack of the
>>headset, there is a direct short between the tip and the ring.
>>
>>--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory"
>><birchardvilleobservatory@...> wrote:
>>>
>>> From wikipedia article on TRS connector:
>>>
>>> Computer sound
>>> A 3.5mm plug for computer audio
>>>
>>> Personal computer sound cards from Creative Labs, Sound Blaster or
>>compatible to these use a 3.5 mm TRS as a mono microphone input, and
>>deliver a 5 V polarising voltage on the ring to power electret microphones
>>from the card manufacturer. Sometimes termed phantom power, this is not a
>>suitable power source for microphones designed for true phantom power and
>>is better termed bias voltage. (Note that this is not a polarizing voltage
>>for the condenser, as electrets by definition have an intrinsic voltage; it
>>is power for a preamplifier FET [transistor] built into the electret
>>microphone can.) Compatibility between different manufacturers is

>>unreliable.
>>>
>>> Does this help?
>>>
>>> Dan AA3LS
>>>
>>> --- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory"
>><birchardvilleobservatory@> wrote:
>>> >
>>> > Many of these headsets have a small condenser microphone (I know it is
>>really a capacitor thingy, but that's what I remember them being called).
>>They are very high impedance microphones, so they have a transistor
>>amplifier needing the voltage.
>>> >
>>> > Others are condenser microphones that need bias voltage.
>>> >
>>> > Still others have electret microphones (sort of a permanently charged
>>capacitor design).
>>> >
>>> > In any of these cases, a blocking capacitor won't let the power for
>>the amplifier or bias for the condenser microphone get where it needs to
>>go.
>>> >
>>> > (I made this up from whole cloth -- but it is likely what's happening
>>;-))
>>> >
>>> > Dan AA3LS
>>> >
>>> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
>>> > >
>>> > > I don't know the brand, but why would a computer headset need 4.5 v
>>at the
>>> > > pin, is it have a battery inside?? Do you have paperwork on this
>>headset?? I
>>> > > found nothing on the WWW.
>>> > >
>>> > >
>>> > >
>>> > > -----Original Message-----
>>> > > From: TS-850_450_690@yahoogroups.com [mailto:
>>TS-850_450_690@yahoogroups.com]
>>> > > On Behalf Of pauldebono@
>>> > > Sent: April-21-12 3:03 AM
>>> > > To: TS-850_450_690@yahoogroups.com
>>> > > Subject: [TS-850_450_690] PC Headset
>>> > >
>>> > > I have a Lexma X255 headset, works excellent on a PC. I want to fit
>>it on my
>>> > > TS850, but I am puzzled with the mic connection. It has the usual
>>3.5mm

>>> > > jack, with a tip, ring & sleeve. The connection to the PC soundcard
>>input is
>>> > > indicating that both the 4.5 volts supply and the audio output are
>>coming
>>> > > from the tip. When tried to feed it this way, with a 10uf dc blocking
>>> > > capacitor, it did not work. Anyone can help please. Thanks
>>> > >
>>> > >
>>> > >
>>> > > ------------------------------------
>>> > >
>>> > > THANKS FOR USING TS-850_450_690@! Groups Links
>>> > >
>>> >
>>>
>>
>>
>>
>>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>

11312. For Trade Kenwood TS-850Sat with Inrad Roofing filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 17:59:44 UTC
From: ah6rr1
Topic: 11312 Message: 11312

Aloha All,

I have for trade ONLY a Kenwood TS-850Sat with the Inrad Roofing Filter costs $200 (No other Filters)it has the Mars Mod, the NB Mod and the Remote Memory Battery mod. This radio has been a workhorse for me for the last 8 years and has never failed me it is a mid 50mil serial number in a 7.5 out of 10 condition works 100% will have manual hand mic and power cord. Want to trade for either a TS-480Sat, TS-690Sat(must be late serial number) or a TS-570S radio must have manual/hand mic and power cord I want something with 6 meters since I have a SteppIR Beam that works on 6M. Let me know what you have.

Roland AH6RR
my call at arrl dot net

11313. FS: Kenwood AT-250 Automatic Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 18:59:56 UTC
From: k4zot
Topic: 11313 Message: 11313

I have a nice Kenwood AT-250 Automatic Antenna Tuner for sale - $190 includes shipping. See ad #373705 on eHam.net with photo.

Glenn - K4ZOT

11314. Wanted: TS-690 Mic Gain Pot w/ Knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 16:32:30 UTC
From: Bob - K2KI
Topic: 11296 Message: 11314

Hi all,
Bob de k2ki in Vermont here. I recently bought a TS-690SAT that got bumped and the Mic Gain Pot sheared right off. The original owner told me that the knob and shaft fell into his heating duct. (Bye-Bye).

I need the pot with knob. The part number of the pot R05-3462-05 and the Knob is part number K29-4682-14.

If you have one, please drop me a note offlist.

If you have the entire board that the pot is mounted to (part number X41-3170-00), I would entertain buying it provided the sticker does not shock too much! :-)

Of course I have checked all the usual sources that Kenwood suggests and they are discontinued and not in stock. I even did wide searches on the web using multiple search engines but to no avail.

Any help here would be greatly appreciated.

73...
Bob de k2ki

11315. Re: [TS-850_450_690] For Trade Kenwood TS-850Sat with Inrad Roofing filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-22 21:49:00 UTC
From: Crownhaven
Topic: 11312 Message: 11315

Roland, what is a late serial number for a TS-690S????? Seriously.

Steve, N4JQQ

ah6rr1 wrote:
>
> Aloha All,
>
> I have for trade ONLY a Kenwood TS-850Sat with the Inrad Roofing
> Filter costs $200 (No other Filters)it has the Mars Mod, the NB Mod
> and the Remote Memory Battery mod. This radio has been a workhorse for
> me for the last 8 years and has never failed me it is a mid 50mil
> serial number in a 7.5 out of 10 condition works 100% will have manual
> hand mic and power cord. Want to trade for either a TS-480Sat,
> TS-690Sat(must be late serial number) or a TS-570S radio must have
> manual/hand mic and power cord I want something with 6 meters since I
> have a SteppIR Beam that works on 6M. Let me know what you have.
>
> Roland AH6RR
> my call at arrl dot net
>
>

11316. Re: TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-23 02:38:24 UTC
From: avvidclif
Topic: 11304 Message: 11316

2 different tuners.

Try tuning into a dummyload. If it doesn't do that then it's probably a relay. If it tunes the dummy load there is something about your setup it doesn't like. Look at the SWR on the internal meter??

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Eric, It sounds like you made a good A to B test.Â I still would like you to try to add something to your feedline and see what happens.Â Maybe Clif here can give you more info than I.
> Your know what's interesting is that the paperwork with radios usually says that they will tune an antenna that has an SWR of 3 to 1 or less but I have found that at times they tune a much more mis-match than that.
> Keep on testing because we all learn from it.Â What's interesting to me is that your 850's tuner is working but just not tuning what your 440 is.Â This is where we need Clif to give us some more info.
> Keep trying.
> BobÂ WE6C
>
> --- On Sat, 4/21/12, Eric Haskins <ehask71@...> wrote:
>
> From: Eric Haskins <ehask71@...>
> Subject: Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, April 21, 2012, 6:36 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>

>
>
>
>
>
>
>
>
> Thanks Bob,
>
>
>
> My antenna theory may be off but if a 440 with an internal at can tune
>
> it and this very 850 was able to tune it before and nothing has changed
>
> hence I put the 440 back on it and it tuned fine. I'm leaning toward a
>
> radio issue and was wondering if anyone else had seen a 850 with at do this
>
> on only one band before. The antenna is in the same place off a spreader
>
> on my tower too
>
>
>
> Eric
>
> KK4HHO
>
> sent from my Samsung Galaxy S2
>
> On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:
>
>
>
> > **
>
> >
>
> >
>
> > Eric, You are comparing apples to oranges. They are different rigs and
>
> > the test was done at different times. I would try making small changes in
>
> > the feed line length or the antenna length. If you change only the feed
>
> > line length, which I would try first, the SWR will be the same (as long as
>

> > no other problems exist) but the L and C will change to possibly an
>
> > impedance that the tuner can handle.Just about anything can change at
>
> > anytime, for example, if the antenna was near a tree(s) and now since it's
>
> > spring, it may have leaves on it where it did not last winter, so that can
>
> > change things. The antenna is being effected by the ground, or nearby
>
> > objects for that matter, which at one time were wet or covered with snow,
>
> > and now they are not. Those are just examples. Try adding a jumper coax
>
> > of a few feet at the rig and try again on all parts of the band. I've seen
>
> > this B4. Let us know how you do.
>
> > 73, Bob WE6C
>
> >
>
> > --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:
>
> >
>
> > From: kk4hho <ehask71@...>
>
> > Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
>
> > To: TS-850_450_690@yahoogroups.com
>
> > Date: Saturday, April 21, 2012, 5:07 PM
>
> >
>
> >
>
> >
>
> >
>
> > I have a TS-850 and it is failing to tune on 20 meters on a Off center fed
>
> > Windome Invert V. Every other band is tuning fine. I had a TS-440SAT before
>
> > and it was tuning 20m fine on the same ant.
>
> >
>
> > Any thoughts? Car Control is at 12 o'clock too
>

> >
>
> > Thx
>
> >
>
> > Eric
>
> >
>
> > KK4HHO
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> >
>
> >
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

11317. Re: Ts-450 s Needing help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-23 13:42:54 UTC
From: ka3zvc
Topic: 11288 Message: 11317

Hi Bob

I had the same issue with my TS-450 found out it was a low voltage on vco2 I adjusted the voltage to 5 volts and resolved the issue

Skip KA3ZVC

--- In TS-850_450_690@yahoogroups.com, "BobK" <bobssatellite@...> wrote:
>
> Hello first post.
> I picked up a ts-450s at a yard sale had been in storge 8 to 9 years,it has good rec and output Ant tuner working. After about 45 min.to an hour being turn on the display gos blank with just dots no #s,and giving a alarm in morse of UL UL UL.
> I have reset radio and after it sets for about 15 to 20 min,it will go back to working for another Hr. From reading messages on here Im thinking may have leaking caps. Needing info on where(what board)to start looking for problem,and what caps may be bad.
>
> Thanks
> Bob K
> KF5DCS
>

11318. Re: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-23 15:45:49 UTC
From: Bob Naylor
Topic: 11304 Message: 11318

Clif, His tuner will tune but just not on 20. My guess is that the impedance it sees it cannot tune which is why I think if he adds some feeline it will not change the SWR but may change the impedance enuff so that the tuner can tune it. Make sense?Bob WE6C

--- On Sun, 4/22/12, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m
To: TS-850_450_690@yahoogroups.com
Date: Sunday, April 22, 2012, 7:38 PM

2 different tuners.

Try tuning into a dummyload. If it doesn't do that then it's probably a relay. If it tunes the dummy load there is something about your setup it doesn't like. Look at the SWR on the internal meter??

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:

>

> Eric, It sounds like you made a good A to B test.Â I still would like you to try to add something to your feedline and see what happens.Â Maybe Clif here can give you more info than I.

> Your know what's interesting is that the paperwork with radios usually says that they will tune an antenna that has an SWR of 3 to 1 or less but I have found that at times they tune a much more mis-match than that.

> Keep on testing because we all learn from it.Â What's interesting to me is that your 850's tuner is working but just not tuning what your 440 is.Â This is where we need Clif to give us some more info.

> Keep trying.

> BobÂ WE6C

>

> --- On Sat, 4/21/12, Eric Haskins <ehask71@...> wrote:

>

> From: Eric Haskins <ehask71@...>

> Subject: Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

> To: TS-850_450_690@yahoogroups.com

> Date: Saturday, April 21, 2012, 6:36 PM

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> Â

>

>

>

>

>

>

>

>

>

>

> Thanks Bob,

>

>

>

> My antenna theory may be off but if a 440 with an internal at can tune

>

> it and this very 850 was able to tune it before and nothing has changed

>

> hence I put the 440 back on it and it tuned fine. I'm leaning toward a

>

> radio issue and was wondering if anyone else had seen a 850 with at do this

>

> on only one band before. The antenna is in the same place off a spreader

>

> on my tower too

>

>

>

> Eric

>

> KK4HHO

>

> sent from my Samsung Galaxy S2

>

> On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:

>

>

>

> > **

>

> >

>

> >

>

> > Eric, You are comparing apples to oranges. They are different rigs and

>

> > the test was done at different times. I would try making small changes in

>

> > the feed line length or the antenna length. If you change only the feed

>

> > line length, which I would try first, the SWR will be the same (as long as

>

> > no other problems exist) but the L and C will change to possibly an

>

> > impedance that the tuner can handle.Just about anything can change at

>

> > anytime, for example, if the antenna was near a tree(s) and now since it's

>

> > spring, it may have leaves on it where it did not last winter, so that can

>

> > change things. The antenna is being effected by the ground, or nearby

>

> > objects for that matter, which at one time were wet or covered with snow,

>

> > and now they are not. Those are just examples. Try adding a jumper coax

>

> > of a few feet at the rig and try again on all parts of the band. I've seen

>

> > this B4. Let us know how you do.

>

> > 73, Bob WE6C

>

> >

>

> > --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:

>

> >

>

> > From: kk4hho <ehask71@...>

>

> > Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

>

> > To: TS-850_450_690@yahoogroups.com

>

> > Date: Saturday, April 21, 2012, 5:07 PM

>

> >

>

> >

>

> >

>

> >

>

> > I have a TS-850 and it is failing to tune on 20 meters on a Off center fed

>

> > Windome Invert V. Every other band is tuning fine. I had a TS-440SAT before

>

> > and it was tuning 20m fine on the same ant.

>

> >

>

> > Any thoughts? Car Control is at 12 o'clock too

>

> >

>

> > Thx

>

> >

>

> > Eric

>

> >

>

> > KK4HHO

>

> >

>

> > [Non-text portions of this message have been removed]

>

> >

>

> >

>

> >

>

>

> [Non-text portions of this message have been removed]

```
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
```

[Non-text portions of this message have been removed]

11319. Re: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-23 15:58:17 UTC
From: Eric Haskins
Topic: 11304 Message: 11319

Yes but the issue comes and goes which is what leads me to believe it is a radio issue. Sometimes if I go thru the bands and come back to 20 hit Tune and within a 10 secs its tuned. Other times I turn the radio on tune to 20m hit tune and swr goes up and down then it beeps and I shut off AT and change bands. I understand the issue of different tuners but I have run this antenna on couple other radios to see how well I built it and all internal tuners have successfully tuned it on all bands.

I am investigating the final oscillation issue right now ... unfortunately power spike during the storms this weekend managed to do in my O-Scope and a couple other electric items in my house so I may need to just bite the bullet and send it in for a good going over.

After all I traded a TS-440 and some other stuff for it

Eric

On Mon, Apr 23, 2012 at 11:45 AM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> Clif, His tuner will tune but just not on 20. My guess is that the
> impedance it sees it cannot tune which is why I think if he adds some
> feeline it will not change the SWR but may change the impedance enuff so
> that the tuner can tune it. Make sense?Bob WE6C
>
> --- On Sun, 4/22/12, avvidclif <clif@...> wrote:
>
> From: avvidclif <clif@avvid.com>
> Subject: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, April 22, 2012, 7:38 PM
>
>
>
>
>
>
> 2 different tuners.
>
> Try tuning into a dummyload. If it doesn't do that then it's probably a
> relay. If it tunes the dummy load there is something about your setup it
> doesn't like. Look at the SWR on the internal meter??
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:

>
> >
>
> > Eric, It sounds like you made a good A to B test.? I still would like
> you to try to add something to your feedline and see what happens.? Maybe
> Clif here can give you more info than I.
>
> > Your know what's interesting is that the paperwork with radios usually
> says that they will tune an antenna that has an SWR of 3 to 1 or less but I
> have found that at times they tune a much more mis-match than that.
>
> > Keep on testing because we all learn from it.? What's interesting to me
> is that your 850's tuner is working but just not tuning what your 440 is.?
> This is where we need Clif to give us some more info.
>
> > Keep trying.
>
> > Bob? WE6C
>
> >
>
> > --- On Sat, 4/21/12, Eric Haskins <ehask71@...> wrote:
>
> >
>
> > From: Eric Haskins <ehask71@...>
>
> > Subject: Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
>
> > To: TS-850_450_690@yahoogroups.com
>
> > Date: Saturday, April 21, 2012, 6:36 PM
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >

>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> ?
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> Thanks Bob,
>
> >
>
> >
>
> >
>
> >
>
> My antenna theory may be off but if a 440 with an internal at can tune
>
> >
>
> it and this very 850 was able to tune it before and nothing has changed
>
> >

>
> > hence I put the 440 back on it and it tuned fine. I'm leaning toward a
>
> >
>
> > radio issue and was wondering if anyone else had seen a 850 with at do
> this
>
> >
>
> > on only one band before. The antenna is in the same place off a spreader
>
> >
>
> > on my tower too
>
> >
>
> >
>
> >
>
> > Eric
>
> >
>
> > KK4HHO
>
> >
>
> > sent from my Samsung Galaxy S2
>
> >
>
> > On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:
>
> >
>
> >
>
> >
>
> > > **
>
> >
>
> >
>
> > > >
>
> >
>
> >

> > >
>
> >
>
> > > Eric, You are comparing apples to oranges. They are different rigs and
>
> >
>
> > > the test was done at different times. I would try making small changes
> in
>
> >
>
> > > the feed line length or the antenna length. If you change only the feed
>
> >
>
> > > line length, which I would try first, the SWR will be the same (as
> long as
>
> >
>
> > > no other problems exist) but the L and C will change to possibly an
>
> >
>
> > > impedance that the tuner can handle.Just about anything can change at
>
> >
>
> > > anytime, for example, if the antenna was near a tree(s) and now since
> it's
>
> >
>
> > > spring, it may have leaves on it where it did not last winter, so that
> can
>
> >
>
> > > change things. The antenna is being effected by the ground, or nearby
>
> >
>
> > > objects for that matter, which at one time were wet or covered with
> snow,
>
> >
>
> > > and now they are not. Those are just examples. Try adding a jumper coax

>
> >
>
> > > of a few feet at the rig and try again on all parts of the band. I've
> seen
>
> >
>
> > > this B4. Let us know how you do.
>
> >
>
> > > 73, Bob WE6C
>
> >
>
> > >
>
> >
>
> > > --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:
>
> >
>
> > >
>
> >
>
> > > From: kk4hho <ehask71@...>
>
> >
>
> > > Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
>
> >
>
> > > To: TS-850_450_690@yahoogroups.com
>
> >
>
> > > Date: Saturday, April 21, 2012, 5:07 PM
>
> >
>
> > >
>
> >
>
> > >
>

> >
>
> > >
>
> >
>
> > > I have a TS-850 and it is failing to tune on 20 meters on a Off center
> fed
>
> >
>
> > > Windome Invert V. Every other band is tuning fine. I had a TS-440SAT
> before
>
> >
>
> > > and it was tuning 20m fine on the same ant.
>
> >
>
> > >
>
> >
>
> > > Any thoughts? Car Control is at 12 o'clock too
>
> >
>
> > >
>
> >
>
> > > Thx
>
> >
>
> > >
>
> >
>
> > > Eric
>
> >
>
> > >
>
> >
>
> > > KK4HHO
>

> >
>
> > >
>
> >
>
> > > [Non-text portions of this message have been removed]
>
> >
>
> > >
>
> >
>
> > >
>
> >
>
> > >
>
> >
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>

> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> >
>
> > [Non-text portions of this message have been removed]
>
> >
>
> [Non-text portions of this message have been removed]
>
>
>

--
Eric Haskins
PHP/MySQL
E-Commerce Specialist
978-905-9603 Cell

[Non-text portions of this message have been removed]

11320. Re: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-23 16:01:56 UTC
From: condor@cox.net
Topic: 11304 Message: 11320

If it changes the impedance, it will change the SWR (which is not to say that it would be a bad thing). If he cannot match the impedance the way it is, then he needs to change it.

On Mon, Apr 23, 2012 at 11:45 AM, Bob Naylor wrote:

Clif, His tuner will tune but just not on 20. My guess is that the impedance it sees it cannot tune which is why I think if he adds some feeline it will not change the SWR but may change the impedance enuff so that the tuner can tune it. Make sense?Bob WE6C

--- On Sun, 4/22/12, avvidclif < clif@...
<javascript:parent.wgMail.openComposeWindow('clif@...')> > wrote:

From: avvidclif < clif@avvid.com
<javascript:parent.wgMail.openComposeWindow('clif@...')> >
Subject: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m
To: TS-850_450_690@yahoogroups.com
<javascript:parent.wgMail.openComposeWindow('TS-850_450_690@yahoogroups.com')>
Date: Sunday, April 22, 2012, 7:38 PM

2 different tuners.

Try tuning into a dummyload. If it doesn't do that then it's probably a relay. If it tunes the dummy load there is something about your setup it doesn't like. Look at the SWR on the internal meter??

Clif

--- In TS-850_450_690@yahoogroups.com
<javascript:parent.wgMail.openComposeWindow('TS-850_450_690@yahoogroups.com')>
, Bob Naylor <wotbob01@...> wrote:

>

> Eric, It sounds like you made a good A to B test.Â I still would like
> you to try to add something to your feedline and see what happens.Â
> Maybe Clif here can give you more info than I.

> Your know what's interesting is that the paperwork with radios usually
> says that they will tune an antenna that has an SWR of 3 to 1 or less
> but I have found that at times they tune a much more mis-match than
> that.

> Keep on testing because we all learn from it.Â What's interesting to
> me is that your 850's tuner is working but just not tuning what your
> 440 is.Â This is where we need Clif to give us some more info.

> Keep trying.

> BobÂ WE6C

>

> --- On Sat, 4/21/12, Eric Haskins <ehask71@...> wrote:

>

> From: Eric Haskins <ehask71@...>

> Subject: Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

> To: TS-850_450_690@yahoogroups.com
> <javascript:parent.wgMail.openComposeWindow('TS-850_450_690@yahoogroups.com')>

> Date: Saturday, April 21, 2012, 6:36 PM

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> Â

>

>

>

>

>

>

>

>

>

> Thanks Bob,

>

>

>

> My antenna theory may be off but if a 440 with an internal at can tune

>

> it and this very 850 was able to tune it before and nothing has
> changed

>

> hence I put the 440 back on it and it tuned fine. I'm leaning toward a

>

> radio issue and was wondering if anyone else had seen a 850 with at do
> this

>

> on only one band before. The antenna is in the same place off a
> spreader

>

> on my tower too

>

>

>

> Eric

>

> KK4HHO

>

> sent from my Samsung Galaxy S2

>

> On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@...> wrote:

>

>

>

>> **

>

>>

>

>>

>

>> Eric, You are comparing apples to oranges. They are different rigs
>> and

>

>> the test was done at different times. I would try making small
>> changes in

>

>> the feed line length or the antenna length. If you change only the
>> feed

>

>> line length, which I would try first, the SWR will be the same (as
>> long as

>

>> no other problems exist) but the L and C will change to possibly an

>

>> impedance that the tuner can handle.Just about anything can change at

>

>> anytime, for example, if the antenna was near a tree(s) and now since
>> it's

>

>> spring, it may have leaves on it where it did not last winter, so
>> that can

>

>> change things. The antenna is being effected by the ground, or
>> nearby

>

>> objects for that matter, which at one time were wet or covered with
>> snow,

>

>> and now they are not. Those are just examples. Try adding a jumper
>> coax

>

>> of a few feet at the rig and try again on all parts of the band.
>> I've seen

>

>> this B4. Let us know how you do.

>

>> 73, Bob WE6C

>

>>

>

>> --- On Sat, 4/21/12, kk4hho <ehask71@...> wrote:

>

>>

>

>> From: kk4hho <ehask71@...>

>

>> Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m

>

>> To: TS-850_450_690@yahoogroups.com
>> <javascript:parent.wgMail.openComposeWindow('TS-850_450_690@yahoogroups.com')>

>

>> Date: Saturday, April 21, 2012, 5:07 PM

>

>>

>

>>

>

>>

>

>> I have a TS-850 and it is failing to tune on 20 meters on a Off
>> center fed

>

>> Windome Invert V. Every other band is tuning fine. I had a TS-440SAT
>> before

>

>> and it was tuning 20m fine on the same ant.

>

>>

>

>> Any thoughts? Car Control is at 12 o'clock too

>

>>

>

>> Thx

>

>>

>

>> Eric

>

>>

>

>> KK4HHO

>

>>

>

>> [Non-text portions of this message have been removed]

>

>>

>

>>

>

>>

>

>

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

<javascript:parent.wgMail.openComposeWindow('TS-850_450_690@yahoogroups.com')>
<http://docs.yahoo.com/info/terms/>

[Non-text portions of this message have been removed]

11321. Re: TS-850 Having a hard time Tuning on 20m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-23 16:03:09 UTC
From: avvidclif
Topic: 11304 Message: 11321

Again, what does it do into a dummy load? If it's the radio it will have problems there also.

Clif

--- In TS-850_450_690@yahoogroups.com, Eric Haskins <ehask71@...> wrote:
>
> Yes but the issue comes and goes which is what leads me to believe it is a
> radio issue. Sometimes if I go thru the bands and come back to 20 hit Tune
> and within a 10 secs its tuned. Other times I turn the radio on tune to 20m
> hit tune and swr goes up and down then it beeps and I shut off AT and
> change bands. I understand the issue of different tuners but I have run
> this antenna on couple other radios to see how well I built it and all
> internal tuners have successfully tuned it on all bands.
>
> I am investigating the final oscillation issue right now ... unfortunately
> power spike during the storms this weekend managed to do in my O-Scope and
> a couple other electric items in my house so I may need to just bite the
> bullet and send it in for a good going over.
>
> After all I traded a TS-440 and some other stuff for it
>
> Eric
>
>
>
> On Mon, Apr 23, 2012 at 11:45 AM, Bob Naylor <wotbob01@...> wrote:
>
> > **
> > >
> > >
> > > Clif, His tuner will tune but just not on 20. My guess is that the
> > > impedance it sees it cannot tune which is why I think if he adds some
> > > feeline it will not change the SWR but may change the impedance enuff so
> > > that the tuner can tune it. Make sense?Bob WE6C
> > >
> > > --- On Sun, 4/22/12, avvidclif <clif@...> wrote:
> > >
> > > From: avvidclif <clif@...>
> > > Subject: [TS-850_450_690] Re: TS-850 Having a hard time Tuning on 20m
> > > To: TS-850_450_690@yahoogroups.com
> > > Date: Sunday, April 22, 2012, 7:38 PM
> > >
> > >
> > >

> >
> > 2 different tuners.
> >
> > Try tuning into a dummyload. If it doesn't do that then it's probably a
> > relay. If it tunes the dummy load there is something about your setup it
> > doesn't like. Look at the SWR on the internal meter??
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> >
> > >
> >
> > > Eric, It sounds like you made a good A to B test.Â I still would like
> > you to try to add something to your feedline and see what happens.Â Maybe
> > Clif here can give you more info than I.
> >
> > > Your know what's interesting is that the paperwork with radios usually
> > says that they will tune an antenna that has an SWR of 3 to 1 or less but I
> > have found that at times they tune a much more mis-match than that.
> >
> > > Keep on testing because we all learn from it.Â What's interesting to me
> > is that your 850's tuner is working but just not tuning what your 440 is.Â
> > This is where we need Clif to give us some more info.
> >
> > > Keep trying.
> >
> > > BobÂ WE6C
> >
> > >
> >
> > > --- On Sat, 4/21/12, Eric Haskins <ehask71@> wrote:
> >
> > >
> >
> > > From: Eric Haskins <ehask71@>
> >
> > > Subject: Re: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
> >
> > > To: TS-850_450_690@yahoogroups.com
> >
> > > Date: Saturday, April 21, 2012, 6:36 PM
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >

> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > > Â
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > > Thanks Bob,
> >
> > >
> >
> > >

> >
> > >
> >
> > > My antenna theory may be off but if a 440 with an internal at can tune
> >
> > >
> >
> > > it and this very 850 was able to tune it before and nothing has changed
> >
> > >
> >
> > > hence I put the 440 back on it and it tuned fine. I'm leaning toward a
> >
> > >
> >
> > > radio issue and was wondering if anyone else had seen a 850 with at do
> > this
> >
> > >
> >
> > > on only one band before. The antenna is in the same place off a spreader
> >
> > >
> >
> > > on my tower too
> >
> > >
> >
> > >
> >
> > >
> >
> > > Eric
> >
> > >
> >
> > > KK4HHO
> >
> > >
> >
> > > sent from my Samsung Galaxy S2
> >
> > >
> >
> > > On Apr 21, 2012 9:21 PM, "Bob Naylor" <wotbob01@> wrote:
> >
> > >
> >
> > >
> >
> > >
> >

> > >
> >
> > > > **
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > > > Eric, You are comparing apples to oranges. They are different rigs and
> >
> > >
> >
> > > > the test was done at different times. I would try making small changes
> > in
> >
> > >
> >
> > > > the feed line length or the antenna length. If you change only the feed
> >
> > >
> >
> > > > line length, which I would try first, the SWR will be the same (as
> > long as
> >
> > >
> >
> > > > no other problems exist) but the L and C will change to possibly an
> >
> > >
> >
> > > > impedance that the tuner can handle.Just about anything can change at
> >
> > >
> >
> > > > anytime, for example, if the antenna was near a tree(s) and now since
> > it's
> >
> > >
> >
> > > > spring, it may have leaves on it where it did not last winter, so that
> > can
> >
> > >
> >
> > >

> > > > change things. The antenna is being effected by the ground, or nearby
> > > > > > > > objects for that matter, which at one time were wet or covered with
> > snow,
> > > > > > > > and now they are not. Those are just examples. Try adding a jumper coax
> > > > > > > > of a few feet at the rig and try again on all parts of the band. I've
> > seen
> > > > > > > > this B4. Let us know how you do.
> > > > > > > > 73, Bob WE6C
> > > > > > > > --- On Sat, 4/21/12, kk4hho <ehask71@> wrote:
> > > > > > > > From: kk4hho <ehask71@>
> > > > > > > > Subject: [TS-850_450_690] TS-850 Having a hard time Tuning on 20m
> > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > >

> > > > Date: Saturday, April 21, 2012, 5:07 PM
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > > > I have a TS-850 and it is failing to tune on 20 meters on a Off center
> > fed
> >
> > >
> >
> > > > Windome Invert V. Every other band is tuning fine. I had a TS-440SAT
> > before
> >
> > >
> >
> > > > and it was tuning 20m fine on the same ant.
> >
> > >
> >
> > > >
> >
> > >
> >
> > > > Any thoughts? Car Control is at 12 o'clock too
> >
> > >
> >
> > > >
> >
> > >
> >
> > > > Thx
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >

> > > > Eric
> >
> > >
> >
> > > >
> >
> > >
> >
> > > > KK4HHO
> >
> > >
> >
> > > >
> >
> > >
> >
> > > > [Non-text portions of this message have been removed]
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > > [Non-text portions of this message have been removed]
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > > >
> >
> > >
> >
> > >
> >

> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > >
> >
> > > [Non-text portions of this message have been removed]
> >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

>
>
>
> --
> Eric Haskins
> PHP/MySQL
> E-Commerce Specialist
> 978-905-9603 Cell
>
>
> [Non-text portions of this message have been removed]
>

11322. No ALC or Compression Indication on Meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-24 15:29:49 UTC
From: acbreller
Topic: 11322 Message: 11322

I am recently not getting any indication of ALC or Compression on the meter of my TS-850 when transmitting. The Processor is working and when mic gain and processor are increased, I get increasing volume in the monitored audio. Also power out increases. Have an AL811 amp in line but not turned on. Have not made any recent adjustments to the ALC pot on the amp either.

Any thoughts?

Chris - KJ6ZH

11323. Re: No ALC or Compression Indication on Meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 00:06:53 UTC
From: avvidclif
Topic: 11322 Message: 11323

What is the power out in CW mode on 20m into a dummy load?

Clif

--- In TS-850_450_690@yahoogroups.com, "acbreller" <kj6zh@...> wrote:
>
> I am recently not getting any indication of ALC or Compression on the meter of my TS-850 when transmitting. The Processor is working and when mic gain and processor are increased, I get increasing volume in the monitored audio. Also power out increases. Have an AL811 amp in line but not turned on. Have not made any recent adjustments to the ALC pot on the amp either.
>
> Any thoughts?
>
> Chris - KJ6ZH
>

11324. TS450 High ALC Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 01:59:23 UTC
From: m6gbt
Topic: 11324 Message: 11324

Hi
Just joined the group, Hello to everyone

I have a TS450S and getting high ALC reading going well over the scale, it can be turned down but audio output is next to nil with the car and mic gain turned down low. Having looked on Google. Apparently it seems a common problem. Does anyone have a suggestion to fix it correctly giving clear audio with output wattage , some say alter a pot in the rig?

This happens with the standard stock mic and also an icom SM8 desk mic. The base mic has been reported to have fairly low output on Fm.

Thanks
Pete
M6GBT

11325. Re: [TS-850_450_690] TS450 High ALC Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 02:36:03 UTC
From: Larry Banks
Topic: 11324 Message: 11325

Hi all,

Thanks Pete for bringing this up!

I have this same problem with a TS450SAT and a Heil Goldline GM-4 in either wide or DX position. I have just accepted it and have not received any "bad audio" comments -- but then I mostly "do contests" -- where many stations' audio is pretty bad. I would also love to hear all responses to mediate this problem.

73 -- Larry -- W1DYJ

----- Original Message -----
From: m6gbt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 24, 2012 9:59 PM
Subject: [TS-850_450_690] TS450 High ALC Problem

Hi
Just joined the group, Hello to everyone

I have a TS450S and getting high ALC reading going well over the scale, it can be turned down but audio output is next to nil with the car and mic gain turned down low. Having looked on Google. Apparently it seems a common problem. Does anyone have a suggestion to fix it correctly giving clear audio with output wattage , some say alter a pot in the rig?

This happens with the standard stock mic and also an icom SM8 desk mic. The base mic has been reported to have fairly low output on Fm.

Thanks
Pete
M6GBT

[Non-text portions of this message have been removed]

11326. 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 02:46:50 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11326

What color is the display on your TS-450? Mine is yellow and red. The reason I am asking is that I keep seeing pictures of TS-450's with blue and green displays! The color is similar to the blue color on a TS-440 display. My display looks nothing like that. Did Kenwood make some 450's with blue displays and others with yellow displays? Is there a hidden menu that selects the display color? Is my display dying and just looks weird? What is going on? This is just the kind of weirdness that drives me crazy. Any help or history would be most appreciated.

Thanks and 73,

Paul - k8idx with a yellow 450 display

11327. Re: [TS-850_450_690] 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 03:17:57 UTC
From: Josh Gibbs
Topic: 11324 Message: 11327

Mine is blue, red, and green. Looks exactly like this one:

http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg

http://www.youtube.com/watch?v=dCb7D8v_gH4

Perhaps someone did a mod on yours? Can you post a picture of it?

-Josh KD7PAJ

What color is the display on your TS-450? Mine is yellow and red. The
> reason I am asking is that I keep seeing pictures of TS-450's with blue
> and green displays! The color is similar to the blue color on a TS-440
> display. My display looks nothing like that. Did Kenwood make some 450's
> with blue displays and others with yellow displays? Is there a hidden
> menu that selects the display color? Is my display dying and just looks
> weird? What is going on? This is just the kind of weirdness that drives
> me crazy. Any help or history would be most appreciated.
>
> Thanks and 73,
>
>

[Non-text portions of this message have been removed]

11328. Re: [TS-850_450_690] 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 11:02:24 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11328

I knew it! The only part of my display that matches yours, or the
picture, are the red parts. Everything else is a bright yellow. The
filter designators are a slightly greenish-yellow, but still not like
the picture. In fact I would not even say the red parts are the same
because they are a slightly orange-red. I have done searches and I can't
find any data on a yellow display on the 450s. I don't mind the colors
on my 450, I just don't want to find out that the display is about to
croak. Is there anyone else out there with a yellow display or am I the
only one?

Thanks for the info Josh,

Paul - k8idx

On 4/24/2012 10:17 PM, Josh Gibbs wrote:
>
> Mine is blue, red, and green. Looks exactly like this one:
>
> http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
>
> http://www.youtube.com/watch?v=dCb7D8v_gH4
>
> Perhaps someone did a mod on yours? Can you post a picture of it?
>
> -Josh KD7PAJ
>
> What color is the display on your TS-450? Mine is yellow and red. The
> > reason I am asking is that I keep seeing pictures of TS-450's with blue
> > and green displays! The color is similar to the blue color on a TS-440
> > display. My display looks nothing like that. Did Kenwood make some 450's
> > with blue displays and others with yellow displays? Is there a hidden
> > menu that selects the display color? Is my display dying and just looks
> > weird? What is going on? This is just the kind of weirdness that drives
> > me crazy. Any help or history would be most appreciated.
> >
> > Thanks and 73,
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11329. Re: No ALC or Compression Indication on Meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 14:00:14 UTC
From: acbreller
Topic: 11322 Message: 11329

Full power in CW mode and 80 watts in SSB. When I increase mike gain and processor gain in SSB mode, power out responds and I get increased volume and compression in the earphones when the monitor button is selected. Can even hear over compression if the processor is turned up too high. So it appears that the mike gain and compression is working. Somehow the meter is not indicating ALC or Compression. Meter's ALC is needed for digital modes to verify that gain is not too high.

Chris - KJ6ZH

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the power out in CW mode on 20m into a dummy load?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "acbreller" <kj6zh@> wrote:
> >
> > I am recently not getting any indication of ALC or Compression on the meter of my TS-850 when transmitting. The Processor is working and when mic gain and processor are increased, I get increasing volume in the monitored audio. Also power out increases. Have an AL811 amp in line but not turned on. Have not made any recent adjustments to the ALC pot on the amp either.
> >
> > Any thoughts?
> >
> > Chris - KJ6ZH
> >
>

11330. Re: No ALC or Compression Indication on Meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 14:44:36 UTC
From: avvidclif
Topic: 11322 Message: 11330

Last request, "What is full power out in CW mode into a dunmmy load measured with an external wattmeter"????

Clif

--- In TS-850_450_690@yahoogroups.com, "acbreller" <kj6zh@...> wrote:
>
> Full power in CW mode and 80 watts in SSB. When I increase mike gain and processor gain in SSB mode, power out responds and I get increased volume and compression in the earphones when the monitor button is selected. Can even hear over compression if the processor is turned up too high. So it appears that the mike gain and compression is working. Somehow the meter is not indicating ALC or Compression. Meter's ALC is needed for digital modes to verify that gain is not too high.
>
> Chris - KJ6ZH
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What is the power out in CW mode on 20m into a dummy load?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "acbreller" <kj6zh@> wrote:
> > >
> > > I am recently not getting any indication of ALC or Compression on the meter of my TS-850 when transmitting. The Processor is working and when mic gain and processor are increased, I get increasing volume in the monitored audio. Also power out increases. Have an AL811 amp in line but not turned on. Have not made any recent adjustments to the ALC pot on the amp either.
> > >
> > > Any thoughts?
> > >
> > > Chris - KJ6ZH
> > >
> >
>

11331. Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 14:48:22 UTC
From: avvidclif
Topic: 11324 Message: 11331

Nicotine. I've seen it several times.

Clif

--- In TS-850_450_690@yahoogroups.com, Paul - K8IDX <k8idx@...> wrote:
>
> I knew it! The only part of my display that matches yours, or the
> picture, are the red parts. Everything else is a bright yellow. The
> filter designators are a slightly greenish-yellow, but still not like
> the picture. In fact I would not even say the red parts are the same
> because they are a slightly orange-red. I have done searches and I can't
> find any data on a yellow display on the 450s. I don't mind the colors
> on my 450, I just don't want to find out that the display is about to
> croak. Is there anyone else out there with a yellow display or am I the
> only one?
>
> Thanks for the info Josh,
>
> Paul - k8idx
>
> On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> >
> > Mine is blue, red, and green. Looks exactly like this one:
> >
> > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> >
> > http://www.youtube.com/watch?v=dCb7D8v_gH4
> >
> > Perhaps someone did a mod on yours? Can you post a picture of it?
> >
> > -Josh KD7PAJ
> >
> > What color is the display on your TS-450? Mine is yellow and red. The
> > > reason I am asking is that I keep seeing pictures of TS-450's with blue
> > > and green displays! The color is similar to the blue color on a TS-440
> > > display. My display looks nothing like that. Did Kenwood make some 450's
> > > with blue displays and others with yellow displays? Is there a hidden
> > > menu that selects the display color? Is my display dying and just looks
> > > weird? What is going on? This is just the kind of weirdness that drives
> > > me crazy. Any help or history would be most appreciated.
> > >
> > > Thanks and 73,
> > >
> > >
> >

> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11332. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 17:15:13 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11332

Clif, I don't smoke. When I got the rig it was second hand but it had no signs of smoking like the smell which is easy to detect for me. Do you have a theory as to how this happens? I thought the display is a vac/florescent in a glass envelope. Is there a way to remedy this? Can the glass be cleaned? I guess most importantly how does this effect the longevity of the display? Is it going to die in a few months?

I just took the cover off of the rig and sniffed around and I don't get even a hint of nasty tobacco smell, which is an unpleasant and powerful odor to me. Someone must have done a very good job of de-odorizing it.

Thanks Clif,

Paul

On 4/25/2012 9:48 AM, avvidclif wrote:
>
> Nicotine. I've seen it several times.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:
> >
> > I knew it! The only part of my display that matches yours, or the
> > picture, are the red parts. Everything else is a bright yellow. The
> > filter designators are a slightly greenish-yellow, but still not like
> > the picture. In fact I would not even say the red parts are the same
> > because they are a slightly orange-red. I have done searches and I
> can't
> > find any data on a yellow display on the 450s. I don't mind the colors
> > on my 450, I just don't want to find out that the display is about to
> > croak. Is there anyone else out there with a yellow display or am I the
> > only one?
> >
> > Thanks for the info Josh,
> >
> > Paul - k8idx
> >
> > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > >
> > > Mine is blue, red, and green. Looks exactly like this one:
> > >
> > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > >
> > > http://www.youtube.com/watch?v=dCb7D8v_gH4

> > >
> > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > >
> > > -Josh KD7PAJ
> > >
> > > What color is the display on your TS-450? Mine is yellow and red. The
> > > > reason I am asking is that I keep seeing pictures of TS-450's
> with blue
> > > > and green displays! The color is similar to the blue color on a
> TS-440
> > > > display. My display looks nothing like that. Did Kenwood make
> some 450's
> > > > with blue displays and others with yellow displays? Is there a
> hidden
> > > > menu that selects the display color? Is my display dying and
> just looks
> > > > weird? What is going on? This is just the kind of weirdness that
> drives
> > > > me crazy. Any help or history would be most appreciated.
> > > >
> > > > Thanks and 73,
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

11333. Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 17:40:34 UTC
From: avvidclif
Topic: 11324 Message: 11333

The best clue is if the covers have a bronzish tint. I don't smoke either (anymore) and it's easy for me to smell it but I have seen radios that were smokers with no smell.

The display is probably fine. It has a glass front that needs to be cleaned and then the plastic reddish insert in the front of the radio. Be very careful cleaning it, it scratches very easily.

Clif

--- In TS-850_450_690@yahoogroups.com, Paul - K8IDX <k8idx@...> wrote:
>
>
> Clif, I don't smoke. When I got the rig it was second hand but it had no
> signs of smoking like the smell which is easy to detect for me. Do you
> have a theory as to how this happens? I thought the display is a
> vac/florescent in a glass envelope. Is there a way to remedy this? Can
> the glass be cleaned? I guess most importantly how does this effect the
> longevity of the display? Is it going to die in a few months?
>
> I just took the cover off of the rig and sniffed around and I don't get
> even a hint of nasty tobacco smell, which is an unpleasant and powerful
> odor to me. Someone must have done a very good job of de-odorizing it.
>
> Thanks Clif,
>
> Paul
>
>
>
> On 4/25/2012 9:48 AM, avvidclif wrote:
> >
> > Nicotine. I've seen it several times.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@> wrote:
> > >
> > > I knew it! The only part of my display that matches yours, or the
> > > picture, are the red parts. Everything else is a bright yellow. The
> > > filter designators are a slightly greenish-yellow, but still not like
> > > the picture. In fact I would not even say the red parts are the same
> > > because they are a slightly orange-red. I have done searches and I
> > can't
> > > find any data on a yellow display on the 450s. I don't mind the colors
> > > on my 450, I just don't want to find out that the display is about to

> > > croak. Is there anyone else out there with a yellow display or am I the
> > > only one?
> > >
> > > Thanks for the info Josh,
> > >
> > > Paul - k8idx
> > >
> > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > >
> > > > Mine is blue, red, and green. Looks exactly like this one:
> > > >
> > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > >
> > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > >
> > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > >
> > > > -Josh KD7PAJ
> > > >
> > > > What color is the display on your TS-450? Mine is yellow and red. The
> > > > > reason I am asking is that I keep seeing pictures of TS-450's
> > with blue
> > > > > and green displays! The color is similar to the blue color on a
> > TS-440
> > > > > display. My display looks nothing like that. Did Kenwood make
> > some 450's
> > > > > with blue displays and others with yellow displays? Is there a
> > hidden
> > > > > menu that selects the display color? Is my display dying and
> > just looks
> > > > > weird? What is going on? This is just the kind of weirdness that
> > drives
> > > > > me crazy. Any help or history would be most appreciated.
> > > > >
> > > > > Thanks and 73,
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> >
> >
> [Non-text portions of this message have been removed]

>

11334. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 18:13:42 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11334

That is very good news indeed. Thank you Clif. So I assume I have to remove all of the knobs and the plastic front panel to get to the display, or is there an easier way?

The covers do have a VERY FAINT bronzing effect but it is so faint that I could almost be imagining it. They look silver to me. I guess the person who cleaned it did a very good job. If you hadn't mentioned it I would never have noticed the bronzing. I just wish the guy I bought it from would have been up front about it. I don't like smoke smell but it would not have stopped me from buying the radio. I am not one of those people who won't allow smoking in my house. If someone visits who smokes I am not going to make them go outside to smoke a cigarette. Now cigars if cheap enough can give me a headache but only if they are cheap enough. Hi. At least in spite of his smoking he took very good care of this rig. There isn't a scratch on it and it looks almost new. It sits on top of an IC-7600 and next to an FT-2000. I am just as likely to turn to the 450 as any of the other rigs on my desk. It is a FUN radio. I can't wait to get the display back to normal. I'll clean the display and I'll post the results and any caveats I discover.

Thanks for the good news. I really like this rig and I have installed a TCXO and filters so it's performance is very good now. I would have been very disappointed if you had said that the display was permanently damaged.

73 Clif,

Paul - k8idx

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>
> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:
> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no

> > signs of smoking like the smell which is easy to detect for me. Do you
> > have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this? Can
> > the glass be cleaned? I guess most importantly how does this effect the
> > longevity of the display? Is it going to die in a few months?
> >
> > I just took the cover off of the rig and sniffed around and I don't get
> > even a hint of nasty tobacco smell, which is an unpleasant and powerful
> > odor to me. Someone must have done a very good job of de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >
> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or the
> > > > picture, are the red parts. Everything else is a bright yellow. The
> > > > filter designators are a slightly greenish-yellow, but still not
> like
> > > > the picture. In fact I would not even say the red parts are the same
> > > > because they are a slightly orange-red. I have done searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the
> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >

> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >
> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > > > What color is the display on your TS-450? Mine is yellow and
> red. The
> > > > > > reason I am asking is that I keep seeing pictures of TS-450's
> > > with blue
> > > > > > and green displays! The color is similar to the blue color on a
> > > TS-440
> > > > > > display. My display looks nothing like that. Did Kenwood make
> > > some 450's
> > > > > > with blue displays and others with yellow displays? Is there a
> > > hidden
> > > > > > menu that selects the display color? Is my display dying and
> > > just looks
> > > > > > weird? What is going on? This is just the kind of weirdness
> that
> > > drives
> > > > > > me crazy. Any help or history would be most appreciated.
> > > > > >
> > > > > > Thanks and 73,
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >

[Non-text portions of this message have been removed]

11335. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 19:56:56 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11335

Clif,

I just took the front panel off of my 450 and cleaned all of the display parts with ROR which is a very highly respected lens cleaner used by pro photographers. The display needed cleaning and now it is much sharper but it had no effect on the color. You mentioned a red filter. There was no red filter on my radio. Apparently Kenwood made some 450's with yellow displays or there is something else happening that would cause the display to change color. The front panel has a smoke colored and slightly bluish filter/lens on it. I looked at the exploded diagram and it shows only the parts I found on my 450. In other words I doubt that someone had it apart and left a red filter out when they reassembled the radio. I wonder if a red filter would make the display appear blue. I also noticed that it is NOT a vacuum/florescent display like I thought, it looks like it's an LCD. Anyway, I thought you would want to hear what I found. I guess the florescent tube backlight (bulb) could be going bad and have changed color but I somehow doubt that. I certainly hope not. So the mystery lives on. I just hope my 450 display does the same.

Thanks for your help Clif,

Paul

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>
> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:
> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no
> > signs of smoking like the smell which is easy to detect for me. Do you
> > have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this? Can
> > the glass be cleaned? I guess most importantly how does this effect the
> > longevity of the display? Is it going to die in a few months?

> >
> > I just took the cover off of the rig and sniffed around and I don't get
> > even a hint of nasty tobacco smell, which is an unpleasant and powerful
> > odor to me. Someone must have done a very good job of de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >
> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> 21
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or the
> > > > picture, are the red parts. Everything else is a bright yellow. The
> > > > filter designators are a slightly greenish-yellow, but still not
> like
> > > > the picture. In fact I would not even say the red parts are the same
> > > > because they are a slightly orange-red. I have done searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the
> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >
> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >
> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?

> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > > > What color is the display on your TS-450? Mine is yellow and
> red. The
> > > > > > reason I am asking is that I keep seeing pictures of TS-450's
> > > with blue
> > > > > > and green displays! The color is similar to the blue color on a
> > > TS-440
> > > > > > display. My display looks nothing like that. Did Kenwood make
> > > some 450's
> > > > > > with blue displays and others with yellow displays? Is there a
> > > hidden
> > > > > > menu that selects the display color? Is my display dying and
> > > just looks
> > > > > > weird? What is going on? This is just the kind of weirdness
> that
> > > drives
> > > > > > me crazy. Any help or history would be most appreciated.
> > > > > >
> > > > > > Thanks and 73,
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

11336. Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 19:46:35 UTC
From: m6gbt
Topic: 11324 Message: 11336

Why was this posted on the same thread as High ALC problem?

Pete M6GBT

--- In TS-850_450_690@yahoogroups.com, Paul - K8IDX <k8idx@...> wrote:
>
> What color is the display on your TS-450? Mine is yellow and red. The
> reason I am asking is that I keep seeing pictures of TS-450's with blue
> and green displays! The color is similar to the blue color on a TS-440
> display. My display looks nothing like that. Did Kenwood make some 450's
> with blue displays and others with yellow displays? Is there a hidden
> menu that selects the display color? Is my display dying and just looks
> weird? What is going on? This is just the kind of weirdness that drives
> me crazy. Any help or history would be most appreciated.
>
> Thanks and 73,
>
> Paul - k8idx with a yellow 450 display
>

11337. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 21:25:36 UTC
From: Kurt Cathcart, KR2C
Topic: 11324 Message: 11337

Because.

-----Original Message-----
From: "m6gbt" <m6gbt@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Wed, 25 Apr 2012 19:46:35
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: 450 DISPLAY COLOR

Why was this posted on the same thread as High ALC problem?

Pete M6GBT

--- In TS-850_450_690@yahoogroups.com, Paul - K8IDX <k8idx@...> wrote:
>
> What color is the display on your TS-450? Mine is yellow and red. The
> reason I am asking is that I keep seeing pictures of TS-450's with blue
> and green displays! The color is similar to the blue color on a TS-440
> display. My display looks nothing like that. Did Kenwood make some 450's
> with blue displays and others with yellow displays? Is there a hidden
> menu that selects the display color? Is my display dying and just looks
> weird? What is going on? This is just the kind of weirdness that drives
> me crazy. Any help or history would be most appreciated.
>
> Thanks and 73,
>
> Paul - k8idx with a yellow 450 display
>

[Non-text portions of this message have been removed]

11338. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-25 23:28:54 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11338

Here is a picture of a 450 (not mine) that has a display that looks
exactly like mine. It is comforting to know that I am not the only one.
I just wish I know what the story is. Too bad asking Kenwood would be a
waste of time.

Anyone see a rig like this?

http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg

Paul - k8idx

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>
> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:
> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no
> > signs of smoking like the smell which is easy to detect for me. Do you
> > have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this? Can
> > the glass be cleaned? I guess most importantly how does this effect the
> > longevity of the display? Is it going to die in a few months?
> >
> > I just took the cover off of the rig and sniffed around and I don't get
> > even a hint of nasty tobacco smell, which is an unpleasant and powerful
> > odor to me. Someone must have done a very good job of de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >

> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or the
> > > > picture, are the red parts. Everything else is a bright yellow. The
> > > > filter designators are a slightly greenish-yellow, but still not
> like
> > > > the picture. In fact I would not even say the red parts are the same
> > > > because they are a slightly orange-red. I have done searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the
> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >
> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >
> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > >
> >
> >

[Non-text portions of this message have been removed]

11339. RE: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 00:22:09 UTC
From: Dave Gmail
Topic: 11324 Message: 11339

Are you the original owner?? Have the bulbs maybe been changed??? And not clear lens type?

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul - K8IDX
Sent: April-25-12 7:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Here is a picture of a 450 (not mine) that has a display that looks exactly like mine. It is comforting to know that I am not the only one.
I just wish I know what the story is. Too bad asking Kenwood would be a waste of time.

Anyone see a rig like this?

http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg

Paul - k8idx

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>
> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:
> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no
> > signs of smoking like the smell which is easy to detect for me. Do
> > you have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this?
> > Can the glass be cleaned? I guess most importantly how does this
> > effect the longevity of the display? Is it going to die in a few months?

> >
> > I just took the cover off of the rig and sniffed around and I don't
> > get even a hint of nasty tobacco smell, which is an unpleasant and
> > powerful odor to me. Someone must have done a very good job of
de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >
> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or
> > > > the picture, are the red parts. Everything else is a bright
> > > > yellow. The filter designators are a slightly greenish-yellow,
> > > > but still not
> like
> > > > the picture. In fact I would not even say the red parts are the
> > > > same because they are a slightly orange-red. I have done
> > > > searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the
> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >
> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >

> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > >
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11340. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 00:47:04 UTC
From: Jordan
Topic: 11324 Message: 11340

Looks exactly like mine too....

73...VE6ZT

----- Original Message -----
From: Dave Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 25, 2012 6:22 PM
Subject: RE: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Are you the original owner?? Have the bulbs maybe been changed??? And not clear lens type?

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul - K8IDX
Sent: April-25-12 7:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Here is a picture of a 450 (not mine) that has a display that looks exactly like mine. It is comforting to know that I am not the only one.
I just wish I know what the story is. Too bad asking Kenwood would be a waste of time.

Anyone see a rig like this?

http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg

Paul - k8idx

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>
> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:

> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no
> > signs of smoking like the smell which is easy to detect for me. Do
> > you have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this?
> > Can the glass be cleaned? I guess most importantly how does this
> > effect the longevity of the display? Is it going to die in a few months?
> >
> > I just took the cover off of the rig and sniffed around and I don't
> > get even a hint of nasty tobacco smell, which is an unpleasant and
> > powerful odor to me. Someone must have done a very good job of
de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >
> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or
> > > > the picture, are the red parts. Everything else is a bright
> > > > yellow. The filter designators are a slightly greenish-yellow,
> > > > but still not
> like
> > > > the picture. In fact I would not even say the red parts are the
> > > > same because they are a slightly orange-red. I have done
> > > > searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the
> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,

```
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >
> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >
> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > >
>
>

[Non-text portions of this message have been removed]

------------------------------------

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]
```

11341. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 09:53:19 UTC
From: Bud Haynes
Topic: 11324 Message: 11341

On 4/25/2012 5:28 PM, Paul - K8IDX wrote:
>
> Here is a picture of a 450 (not mine) that has a display that looks
> exactly like mine. It is comforting to know that I am not the only one.
> I just wish I know what the story is. Too bad asking Kenwood would be a
> waste of time.
>
> Anyone see a rig like this?
>
> http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg
>
> Paul - k8idx
>
****

Paul, my 84 year old eyes may be failing me, but to me it looks exactly
like the one on Rigpix

http://www.rigpix.com/index.shtml

Bud - KV7G

--
My Web Site has been moved to
http://qsl.net/kv7g

[Non-text portions of this message have been removed]

11342. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 12:37:59 UTC
From: Kurt Cathcart, KR2C
Topic: 11324 Message: 11342

I was thinking the same thing. It looks like every other TS-450 that I have seen.

-Kurt
KR2C
-----Original Message-----
From: Bud Haynes <kv7g@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Thu, 26 Apr 2012 03:53:19
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Cc: Paul - K8IDX<k8idx@...>
Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

On 4/25/2012 5:28 PM, Paul - K8IDX wrote:
>
> Here is a picture of a 450 (not mine) that has a display that looks
> exactly like mine. It is comforting to know that I am not the only one.
> I just wish I know what the story is. Too bad asking Kenwood would be a
> waste of time.
>
> Anyone see a rig like this?
>
> http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg
>
> Paul - k8idx
>
****

Paul, my 84 year old eyes may be failing me, but to me it looks exactly
like the one on Rigpix

http://www.rigpix.com/index.shtml

Bud - KV7G

--
My Web Site has been moved to
http://qsl.net/kv7g

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11343. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 01:00:40 UTC
From: roland pajarillo
Topic: 11324 Message: 11343

looks like mine too

From: Jordan <Outposter30@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 25, 2012 8:47:04 PM
Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Looks exactly like mine too....

73...VE6ZT

----- Original Message -----
From: Dave Gmail
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 25, 2012 6:22 PM
Subject: RE: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Are you the original owner?? Have the bulbs maybe been changed??? And not
clear lens type?

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul - K8IDX
Sent: April-25-12 7:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow
display

Here is a picture of a 450 (not mine) that has a display that looks exactly
like mine. It is comforting to know that I am not the only one.
I just wish I know what the story is. Too bad asking Kenwood would be a
waste of time.

Anyone see a rig like this?

http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg

Paul - k8idx

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>

> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:
> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no
> > signs of smoking like the smell which is easy to detect for me. Do
> > you have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this?
> > Can the glass be cleaned? I guess most importantly how does this
> > effect the longevity of the display? Is it going to die in a few months?
> >
> > I just took the cover off of the rig and sniffed around and I don't
> > get even a hint of nasty tobacco smell, which is an unpleasant and
> > powerful odor to me. Someone must have done a very good job of
de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >
> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or
> > > > the picture, are the red parts. Everything else is a bright
> > > > yellow. The filter designators are a slightly greenish-yellow,
> > > > but still not
> like
> > > > the picture. In fact I would not even say the red parts are the
> > > > same because they are a slightly orange-red. I have done
> > > > searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the

> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >
> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >
> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > >
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11344. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 03:55:08 UTC
From: BILL KELLEY
Topic: 11324 Message: 11344

Hi, my 450SAT is just as yours is. Does not have any blue buttons, and white display.

Bill AB4KH

From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 25, 2012 8:22 PM
Subject: RE: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Are you the original owner?? Have the bulbs maybe been changed??? And not
clear lens type?

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul - K8IDX
Sent: April-25-12 7:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow
display

Here is a picture of a 450 (not mine) that has a display that looks exactly
like mine. It is comforting to know that I am not the only one.
I just wish I know what the story is. Too bad asking Kenwood would be a
waste of time.

Anyone see a rig like this?

http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg

Paul - k8idx

On 4/25/2012 12:40 PM, avvidclif wrote:
>
> The best clue is if the covers have a bronzish tint. I don't smoke
> either (anymore) and it's easy for me to smell it but I have seen
> radios that were smokers with no smell.
>
> The display is probably fine. It has a glass front that needs to be
> cleaned and then the plastic reddish insert in the front of the radio.
> Be very careful cleaning it, it scratches very easily.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...> wrote:

> >
> >
> > Clif, I don't smoke. When I got the rig it was second hand but it
> had no
> > signs of smoking like the smell which is easy to detect for me. Do
> > you have a theory as to how this happens? I thought the display is a
> > vac/florescent in a glass envelope. Is there a way to remedy this?
> > Can the glass be cleaned? I guess most importantly how does this
> > effect the longevity of the display? Is it going to die in a few months?
> >
> > I just took the cover off of the rig and sniffed around and I don't
> > get even a hint of nasty tobacco smell, which is an unpleasant and
> > powerful odor to me. Someone must have done a very good job of
de-odorizing it.
> >
> > Thanks Clif,
> >
> > Paul
> >
> >
> >
> > On 4/25/2012 9:48 AM, avvidclif wrote:
> > >
> > > Nicotine. I've seen it several times.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> wrote:
> > > >
> > > > I knew it! The only part of my display that matches yours, or
> > > > the picture, are the red parts. Everything else is a bright
> > > > yellow. The filter designators are a slightly greenish-yellow,
> > > > but still not
> like
> > > > the picture. In fact I would not even say the red parts are the
> > > > same because they are a slightly orange-red. I have done
> > > > searches and I
> > > can't
> > > > find any data on a yellow display on the 450s. I don't mind the
> colors
> > > > on my 450, I just don't want to find out that the display is
> about to
> > > > croak. Is there anyone else out there with a yellow display or
> am I the
> > > > only one?
> > > >
> > > > Thanks for the info Josh,

```
> > > >
> > > > Paul - k8idx
> > > >
> > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > >
> > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > >
> > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > >
> > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > >
> > > > > Perhaps someone did a mod on yours? Can you post a picture of it?
> > > > >
> > > > > -Josh KD7PAJ
> > > > >
> > > >
>
>

[Non-text portions of this message have been removed]

------------------------------------

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

[Non-text portions of this message have been removed]
```

11345. Re: TS450 High ALC Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 16:01:33 UTC
From: avvidclif
Topic: 11324 Message: 11345

In CW Mode as you turn up the carrier does the ALC first dot light when the radio reaches 100w? If not probably someone has been in the alignment menu. You will need an audio generator with a calibrated output to set it correctly.

Clif

--- In TS-850_450_690@yahoogroups.com, "Larry Banks" <larryb.w1dyj@...> wrote:
>
> Hi all,
>
> Thanks Pete for bringing this up!
>
> I have this same problem with a TS450SAT and a Heil Goldline GM-4 in either wide or DX position. I have just accepted it and have not received any "bad audio" comments -- but then I mostly "do contests" -- where many stations' audio is pretty bad. I would also love to hear all responses to mediate this problem.
>
> 73 -- Larry -- W1DYJ
>
>
>
> ----- Original Message -----
> From: m6gbt
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, April 24, 2012 9:59 PM
> Subject: [TS-850_450_690] TS450 High ALC Problem
>
>
>
> Hi
> Just joined the group, Hello to everyone
>
> I have a TS450S and getting high ALC reading going well over the scale, it can be turned down but audio output is next to nil with the car and mic gain turned down low. Having looked on Google. Apparently it seems a common problem. Does anyone have a suggestion to fix it correctly giving clear audio with output wattage , some say alter a pot in the rig?
>
> This happens with the standard stock mic and also an icom SM8 desk mic. The base mic has been reported to have fairly low output on Fm.
>
> Thanks
> Pete
> M6GBT
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

11346. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 18:33:02 UTC
From: Chuck Goelz
Topic: 11324 Message: 11346

Paul,

It would appear that my 450SAT is also just like yours...

Cheers,
Chuck, WA3CEJ

On 4/25/2012 11:55 PM, BILL KELLEY wrote:
>
> Hi, my 450SAT is just as yours is. Does not have any blue buttons, and
> white display.
>
> Bill AB4KH
>
> _____
> From: Dave Gmail <ve3wej@... <mailto:ve3wej%40gmail.com>>
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Wednesday, April 25, 2012 8:22 PM
> Subject: RE: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow
> display
>
>
>
> Are you the original owner?? Have the bulbs maybe been changed??? And not
> clear lens type?
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Paul - K8IDX
> Sent: April-25-12 7:29 PM
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow
> display
>
> Here is a picture of a 450 (not mine) that has a display that looks
> exactly
> like mine. It is comforting to know that I am not the only one.
> I just wish I know what the story is. Too bad asking Kenwood would be a
> waste of time.

>
> Anyone see a rig like this?
>
> http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg
>
> Paul - k8idx
>
> On 4/25/2012 12:40 PM, avvidclif wrote:
> >
> > The best clue is if the covers have a bronzish tint. I don't smoke
> > either (anymore) and it's easy for me to smell it but I have seen
> > radios that were smokers with no smell.
> >
> > The display is probably fine. It has a glass front that needs to be
> > cleaned and then the plastic reddish insert in the front of the radio.
> > Be very careful cleaning it, it scratches very easily.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...>
> wrote:
> > >
> > >
> > > Clif, I don't smoke. When I got the rig it was second hand but it
> > had no
> > > signs of smoking like the smell which is easy to detect for me. Do
> > > you have a theory as to how this happens? I thought the display is a
> > > vac/florescent in a glass envelope. Is there a way to remedy this?
> > > Can the glass be cleaned? I guess most importantly how does this
> > > effect the longevity of the display? Is it going to die in a few
> months?
> > >
> > > I just took the cover off of the rig and sniffed around and I don't
> > > get even a hint of nasty tobacco smell, which is an unpleasant and
> > > powerful odor to me. Someone must have done a very good job of
> de-odorizing it.
> > >
> > > Thanks Clif,
> > >
> > > Paul
> > >
> > >
> > >
> > > On 4/25/2012 9:48 AM, avvidclif wrote:
> > > >
> > > > Nicotine. I've seen it several times.
> > > >
> > > > Clif

> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> > wrote:
> > > > >
> > > > > I knew it! The only part of my display that matches yours, or
> > > > > the picture, are the red parts. Everything else is a bright
> > > > > yellow. The filter designators are a slightly greenish-yellow,
> > > > > but still not
> > like
> > > > > the picture. In fact I would not even say the red parts are the
> > > > > same because they are a slightly orange-red. I have done
> > > > > searches and I
> > > > can't
> > > > > find any data on a yellow display on the 450s. I don't mind the
> > colors
> > > > > on my 450, I just don't want to find out that the display is
> > about to
> > > > > croak. Is there anyone else out there with a yellow display or
> > am I the
> > > > > only one?
> > > > >
> > > > > Thanks for the info Josh,
> > > > >
> > > > > Paul - k8idx
> > > > >
> > > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > > >
> > > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > > >
> > > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > > >
> > > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > > >
> > > > > > Perhaps someone did a mod on yours? Can you post a picture
> of it?
> > > > > >
> > > > > > -Josh KD7PAJ
> > > > > >
> > > > > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@...

> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11347. Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 18:58:34 UTC
From: Paul - K8IDX
Topic: 11324 Message: 11347

Thanks to everyone who replied to say they have a 450 with a display like mine with yellow and red instead of blue and green, or to say the opposite. While I am sure that there are some radios out there that were stained by tobacco smoke like Clif has seen, there are apparently some rigs that have a yellow display like mine. So far no one has said that they have had any trouble with these rigs or have had a display that gave up the ghost on them. So at this point there is nothing to do except not worry about it. Unless someone can add any history or experience not already mentioned I guess it is time to close this thread. Of course if you have any useful info on this subject PLEASE say so.

Thanks Clif, Chuck, Bill, Kurt, Bud, Roland, Jordan, Dave, and Pete for all of your help. It is comforting to know that there are others with the same version of the 450 and I am not alone with mine.

73 to all,

Paul - k8idx

P.S. if I left anyone out, please rest assured that I appreciate your help too.

On 4/26/2012 1:33 PM, Chuck Goelz wrote:
>
> Paul,
>
> It would appear that my 450SAT is also just like yours...
>
> Cheers,
> Chuck, WA3CEJ
>
> On 4/25/2012 11:55 PM, BILL KELLEY wrote:
> >
> > Hi, my 450SAT is just as yours is. Does not have any blue buttons, and
> > white display.
> >
> > Bill AB4KH
> >
> > _____
> > From: Dave Gmail <ve3wej@... <mailto:ve3wej%40gmail.com>
> <mailto:ve3wej%40gmail.com>>
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>

> > Sent: Wednesday, April 25, 2012 8:22 PM
> > Subject: RE: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow
> > display
> >
> >
> >
> > Are you the original owner?? Have the bulbs maybe been changed???
> And not
> > clear lens type?
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > [mailto:TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>]
> > On Behalf Of Paul - K8IDX
> > Sent: April-25-12 7:29 PM
> > To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > Subject: Re: [TS-850_450_690] Re: 450 DISPLAY COLOR Picture of yellow
> > display
> >
> > Here is a picture of a 450 (not mine) that has a display that looks
> > exactly
> > like mine. It is comforting to know that I am not the only one.
> > I just wish I know what the story is. Too bad asking Kenwood would be a
> > waste of time.
> >
> > Anyone see a rig like this?
> >
> > http://www.shadowstorm.com/cb/rigs/Kenwood-TS-450sat.jpg
> >
> > Paul - k8idx
> >
> > On 4/25/2012 12:40 PM, avvidclif wrote:
> > >
> > > The best clue is if the covers have a bronzish tint. I don't smoke
> > > either (anymore) and it's easy for me to smell it but I have seen
> > > radios that were smokers with no smell.
> > >
> > > The display is probably fine. It has a glass front that needs to be
> > > cleaned and then the plastic reddish insert in the front of the radio.
> > > Be very careful cleaning it, it scratches very easily.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com

> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@...>
> > wrote:
> > > >
> > > >
> > > > Clif, I don't smoke. When I got the rig it was second hand but it
> > > had no
> > > > signs of smoking like the smell which is easy to detect for me. Do
> > > > you have a theory as to how this happens? I thought the display is a
> > > > vac/florescent in a glass envelope. Is there a way to remedy this?
> > > > Can the glass be cleaned? I guess most importantly how does this
> > > > effect the longevity of the display? Is it going to die in a few
> > months?
> > > >
> > > > I just took the cover off of the rig and sniffed around and I don't
> > > > get even a hint of nasty tobacco smell, which is an unpleasant and
> > > > powerful odor to me. Someone must have done a very good job of
> > de-odorizing it.
> > > >
> > > > Thanks Clif,
> > > >
> > > > Paul
> > > >
> > > >
> > > >
> > > > On 4/25/2012 9:48 AM, avvidclif wrote:
> > > > >
> > > > > Nicotine. I've seen it several times.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > > <mailto:TS-850_450_690%40yahoogroups.com>, Paul - K8IDX <k8idx@>
> > > wrote:
> > > > > >
> > > > > > I knew it! The only part of my display that matches yours, or
> > > > > > the picture, are the red parts. Everything else is a bright
> > > > > > yellow. The filter designators are a slightly greenish-yellow,
> > > > > > but still not
> > > like
> > > > > > the picture. In fact I would not even say the red parts are the
> > > > > > same because they are a slightly orange-red. I have done
> > > > > > searches and I
> > > > > can't
> > > > > > find any data on a yellow display on the 450s. I don't mind the
> > > colors

> > > > > > on my 450, I just don't want to find out that the display is
> > > about to
> > > > > > croak. Is there anyone else out there with a yellow display or
> > > am I the
> > > > > > only one?
> > > > > >
> > > > > > Thanks for the info Josh,
> > > > > >
> > > > > > Paul - k8idx
> > > > > >
> > > > > > On 4/24/2012 10:17 PM, Josh Gibbs wrote:
> > > > > >
> > > > > > > Mine is blue, red, and green. Looks exactly like this one:
> > > > > >
> > > > > > > http://www.universal-radio.com/catalog/hamhf/ts450sL.jpg
> > > > > >
> > > > > > > http://www.youtube.com/watch?v=dCb7D8v_gH4
> > > > > >
> > > > > > > Perhaps someone did a mod on yours? Can you post a picture
> > of it?
> > > > > >
> > > > > > > -Josh KD7PAJ
> > > > > >
> > > > > >
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@...
> <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>
> > <mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo>! Groups Links
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >

[Non-text portions of this message have been removed]

11348. Re: No ALC or Compression Indication on Meter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-26 18:50:18 UTC
From: acbreller
Topic: 11322 Message: 11348

100 watts output. This constitutes full power.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Last request, "What is full power out in CW mode into a dunmmy load measured with an external wattmeter"????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "acbreller" <kj6zh@> wrote:
> >
> > Full power in CW mode and 80 watts in SSB. When I increase mike gain and processor gain in SSB mode, power out responds and I get increased volume and compression in the earphones when the monitor button is selected. Can even hear over compression if the processor is turned up too high. So it appears that the mike gain and compression is working. Somehow the meter is not indicating ALC or Compression. Meter's ALC is needed for digital modes to verify that gain is not too high.
> >
> > Chris - KJ6ZH
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What is the power out in CW mode on 20m into a dummy load?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "acbreller" <kj6zh@> wrote:
> > > >
> > > > I am recently not getting any indication of ALC or Compression on the meter of my TS-850 when transmitting. The Processor is working and when mic gain and processor are increased, I get increasing volume in the monitored audio. Also power out increases. Have an AL811 amp in line but not turned on. Have not made any recent adjustments to the ALC pot on the amp either.
> > > >
> > > > Any thoughts?
> > > >
> > > > Chris - KJ6ZH
> > > >
> > >
> > >
> >
>

11351. Carrier board for ts-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-27 16:05:41 UTC
From: ka3zvc
Topic: 11351 Message: 11351

Hi All

I am in need of a oscillating coil part number L30-0201-05 not able to locate one from Kenwood dealers. Seems to be discontinued, does anyone know of a suitable replacement part or maybe have a complete carrier board x50-3160-00

Thanks

Skip (KA3ZVC)

11352. Kenwood MC50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 09:05:35 UTC
From: m6gbt
Topic: 11352 Message: 11352

Does anyone know the CORRECT wiring pin outs for a Kenwood MC50 mic for a TS450s. I have the MC50 diagram and never saw anything like it before

Thanks
Pete

11353. Re: Carrier board for ts-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 10:27:52 UTC
From: avvidclif
Topic: 11351 Message: 11353

FWIW it is also used in the TS820 Car 1 and Car 2 boards. Might be easier to find one of those.

Clif

--- In TS-850_450_690@yahoogroups.com, "ka3zvc" <ka3zvc@...> wrote:
>
> Hi All
>
> I am in need of a oscillating coil part number L30-0201-05 not able to locate one from Kenwood dealers. Seems to be discontinued, does anyone know of a suitable replacement part or maybe have a complete carrier board x50-3160-00
>
> Thanks
>
> Skip (KA3ZVC)
>

11354. Re: [TS-850_450_690] Re: Carrier board for ts-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 10:29:13 UTC
From: Malti
Topic: 11351 Message: 11354

CWMAN on ebay has lots of Kenwood spares, also others

On 28 April 2012 12:27, avvidclif <clif@...> wrote:

> **
>
>
> FWIW it is also used in the TS820 Car 1 and Car 2 boards. Might be easier
> to find one of those.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ka3zvc" <ka3zvc@...> wrote:
> >
> > Hi All
> >
> > I am in need of a oscillating coil part number L30-0201-05 not able to
> locate one from Kenwood dealers. Seems to be discontinued, does anyone know
> of a suitable replacement part or maybe have a complete carrier board
> x50-3160-00
> >
> > Thanks
> >
> > Skip (KA3ZVC)
> >
>
>
>

[Non-text portions of this message have been removed]

11355. Re: Carrier board for ts-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 10:51:26 UTC
From: skip
Topic: 11351 Message: 11355

Thanks for the replies guys I will try your suggestions

Great Forum

KA3ZVC Skip

[Non-text portions of this message have been removed]

11356. RE: [TS-850_450_690] Kenwood MC50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 12:47:54 UTC
From: Dave Gmail
Topic: 11352 Message: 11356

Take a look at a ts820 manual, for which the mike was made for (and others of that era, it should show the mike wiring of the 4 pin, then you can convert to the 8 pin wiring in the 450 manual

If the connector has been already removed, then you may need to find the mc50 manual to find which colour was on which pin

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of m6gbt
Sent: April-28-12 5:06 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood MC50

Does anyone know the CORRECT wiring pin outs for a Kenwood MC50 mic for a TS450s. I have the MC50 diagram and never saw anything like it before

Thanks
Pete

THANKS FOR USING TS-850_450_690@...! Groups Links

11357. Re: [TS-850_450_690] Kenwood MC50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 11:39:32 UTC
From: Ken Winterling
Topic: 11352 Message: 11357

Pete,

I sent you a wiring diagram directly to your personal e-mail address since the reflector will strip the attachment.. Rather than rewire the MC-50 cable I would make a short adapter cable with a 4 pin male and 8 pin female connectors so you can use the unmodified mic with the TS-450 (and other Kenwood 8 pin radios). That also preserves the MC-50 for use with Kenwood 4 pin radios.

Good luck!

Ken
WA2LBI

On Sat, Apr 28, 2012 at 05:05, m6gbt <m6gbt@...> wrote:

> **
>
>
> Does anyone know the CORRECT wiring pin outs for a Kenwood MC50 mic for a
> TS450s. I have the MC50 diagram and never saw anything like it before
>
> Thanks
> Pete
>
>

[Non-text portions of this message have been removed]

11358. 850 "pinched" audio on 80m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 13:08:35 UTC
From: kk4hho
Topic: 11358 Message: 11358

Hey Everyone,

I have a TS-850 and I keep hearing I have very pinched audio (like I have a clothespin on my nose). At first we thought it was RF and I built a choke for my off-center fed and it improved but people still think I have compression on. Proc is off and I did a reset on the radio. With Monitor on I sound fine

I keep being told to find someone that knows how to setup the radio so I am reaching out for any tips or where to start. I just got the radio and I only have the stock hand mic connected

Thx
Eric
KK4HHO

11359. TS-850 receiver overload?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 14:47:56 UTC
From: Kurt Cathcart
Topic: 11359 Message: 11359

I'm having a little bit of a problem with a new to me TS-850. Everything seems to work well except the receiver seems to overload way too easily. Strong stations (S9, S9+) seem to cause interference from as far away 20 to 30 KHz. I have a full complement of SSB filters down to 1.8KHz. This even happens even with the DSP-100 set to the most narrow settings.

Right next to the TS-850, I have a TS-450 that does not seem to have this problem using that same antennas and not using the DSP-100.

Does anybody have any suggestions?

-Kurt
KR2C

11360. RE: [TS-850_450_690] 850 "pinched" audio on 80m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 16:33:56 UTC
From: Dave Gmail
Topic: 11358 Message: 11360

Could be the mike, how is it on the other bands...

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of kk4hho
Sent: April-28-12 9:09 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 850 "pinched" audio on 80m

Hey Everyone,

I have a TS-850 and I keep hearing I have very pinched audio (like I
have a clothespin on my nose). At first we thought it was RF and I built a
choke for my off-center fed and it improved but people still think I have
compression on. Proc is off and I did a reset on the radio. With Monitor on
I sound fine

I keep being told to find someone that knows how to setup the radio so I am
reaching out for any tips or where to start. I just got the radio and I only
have the stock hand mic connected

Thx
Eric
KK4HHO

THANKS FOR USING TS-850_450_690@...! Groups Links

11361. Re: Kenwood MC50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 16:40:10 UTC
From: m6gbt
Topic: 11352 Message: 11361

Thanks for the help much appreciated

Pete

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Pete,
>
> I sent you a wiring diagram directly to your personal e-mail address since
> the reflector will strip the attachment.. Rather than rewire the MC-50
> cable I would make a short adapter cable with a 4 pin male and 8 pin female
> connectors so you can use the unmodified mic with the TS-450 (and other
> Kenwood 8 pin radios). That also preserves the MC-50 for use with Kenwood
> 4 pin radios.
>
> Good luck!
>
> Ken
> WA2LBI
>
>
>
> On Sat, Apr 28, 2012 at 05:05, m6gbt <m6gbt@...> wrote:
>
> > **
> > >
> > >
> > Does anyone know the CORRECT wiring pin outs for a Kenwood MC50 mic for a
> > TS450s. I have the MC50 diagram and never saw anything like it before
> > >
> > Thanks
> > Pete
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

11362. 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-28 18:10:14 UTC
From: J R
Topic: 526 Message: 11362

hi guys
mr clif
 wu8q here just to thank you again , clif for great job on another 850 kwood .
thanks agn clif for your work well done .and all the work behind what you do for these rigs.great job well done .
i hv put the rig back on air and well pleased with it 100 % .
as always fast on time good qso back and forth on the what is going on with rig updates .if ever need agn
ill be calling clif at avvid .
wu8q JR in wv .

[Non-text portions of this message have been removed]

11363. RE: [TS-850_450_690] 850 "pinched" audio on 80m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-29 03:33:35 UTC
From: Eric Haskins
Topic: 11358 Message: 11363

It appears to be ok on other bands. Im going to try a mc-60 tomm and see.
Talked with some local hams tonight and we tried a few things with filter
settings and they say audio still seems very narrow

--
Eric
KK4HHO

[Non-text portions of this message have been removed]

11364. Re: 450 DISPLAY COLOR Picture of yellow display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-29 05:28:37 UTC
From: Ron
Topic: 11324 Message: 11364

--- In TS-850_450_690@yahoogroups.com, roland pajarillo <du1kgj@...> wrote:
>
> looks like mine too
>

My 450 screen is also a yellow/white (certainly not blue). I have seen 450's with Blue numbers and even blue buttons. It sounds like there have been several "incarnations" of the 450. Is the same true for the 850?

Curiously,
Ron
WQ6X

11365. DSP-100 group

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-04-29 23:13:38 UTC
From: roland
Topic: 11365 Message: 11365

i am inviting those DSP-100 owners to our new group to post their repair tips/ problems /mods and experiences related to the said equipment..everyone is welcome, but spammers...pls also indicate ur callsign in the membership form..

tnx and 73

roland, du1kgj

11367. RE: TS450SAT Not going into TX...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-01 17:43:33 UTC
From: pjansen48
Topic: 11367 Message: 11367

Hello,

My TS450 will not go into transmit mode. Not with the Mic or front panel "send / receive" or via MMTTY. It just stays in RX and never skips beat as far as receive goes (just like as if you were pressing the mike switch with the mic unplugged)

Before it totally stopped transmitting, MMTTY would send the TX signal to the radio and the radio would ignore it. Then several seconds after MMTTY went back to RX the radio would kick into TX and stay in TX until I switched the power off.

Now, even with just the radio alone - with no computer connected - it totally ignores any attempt to get it to go into TX.

Any ideas?

Thanks,

Paul / NO9C

11368. Re: [TS-850_450_690] RE: TS450SAT Not going into TX...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-01 20:09:08 UTC
From: Paul - K8IDX
Topic: 11367 Message: 11368

I noticed that my 450 will do exactly the same behavior if there is a PTT or other transmit signal condition when the power is first applied. I have a mike that has a push on push off xmit key that I never use. I guess one of my cats walked on my desk and stepped on that switch locking it in the xmit position. I thought that the rig was broken until I finally found that switch depressed. I had to remove the xmit signal and cycle the power before everything worked again. I know it's a long shot but the behavior matches perfectly.

Good luck, 73 de Paul - k8idx

On 5/1/2012 12:43 PM, pjansen48 wrote:
>
> Hello,
>
> My TS450 will not go into transmit mode. Not with the Mic or front
> panel "send / receive" or via MMTTY. It just stays in RX and never
> skips beat as far as receive goes (just like as if you were pressing
> the mike switch with the mic unplugged)
>
> Before it totally stopped transmitting, MMTTY would send the TX signal
> to the radio and the radio would ignore it. Then several seconds after
> MMTTY went back to RX the radio would kick into TX and stay in TX
> until I switched the power off.
>
> Now, even with just the radio alone - with no computer connected - it
> totally ignores any attempt to get it to go into TX.
>
> Any ideas?
>
> Thanks,
>
> Paul / NO9C
>
>

[Non-text portions of this message have been removed]

11369. RE: TS450SAT Not going into TX...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-01 23:19:12 UTC
From: Tom Osborne
Topic: 11367 Message: 11369

Hi Paul

Did you try doing a reset? 73
Tom W7WHY

[Non-text portions of this message have been removed]

11370. Re: TS450SAT Not going into TX...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-02 10:17:01 UTC
From: Jim
Topic: 11367 Message: 11370

My TS450 had the same issue until I read in the manual that one of the switches has to be off when it is powered up. Jim

--- In TS-850_450_690@yahoogroups.com, Paul - K8IDX <k8idx@...> wrote:
>
> I noticed that my 450 will do exactly the same behavior if there is a
> PTT or other transmit signal condition when the power is first applied.
> I have a mike that has a push on push off xmit key that I never use. I
> guess one of my cats walked on my desk and stepped on that switch
> locking it in the xmit position. I thought that the rig was broken until
> I finally found that switch depressed. I had to remove the xmit signal
> and cycle the power before everything worked again. I know it's a long
> shot but the behavior matches perfectly.
>
> Good luck, 73 de Paul - k8idx
>
>
> On 5/1/2012 12:43 PM, pjansen48 wrote:
> >
> > Hello,
> >
> > My TS450 will not go into transmit mode. Not with the Mic or front
> > panel "send / receive" or via MMTTY. It just stays in RX and never
> > skips beat as far as receive goes (just like as if you were pressing
> > the mike switch with the mic unplugged)
> >
> > Before it totally stopped transmitting, MMTTY would send the TX signal
> > to the radio and the radio would ignore it. Then several seconds after
> > MMTTY went back to RX the radio would kick into TX and stay in TX
> > until I switched the power off.
> >
> > Now, even with just the radio alone - with no computer connected - it
> > totally ignores any attempt to get it to go into TX.
> >
> > Any ideas?
> >
> > Thanks,
> >
> > Paul / NO9C
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11371. Re: [TS-850_450_690] Re: TS450SAT Not going into TX...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-02 17:42:55 UTC
From: Tom Osborne
Topic: 11367 Message: 11371

Don't know if you ever got this fixed or not, but you have to make sure
to set the menu to allow the '450 to transmit.

Hold the LSB/USB key and power on.

On menu item 19, make sure it is set to off (that seems weird when
looking at how it is worded. Off enables transmit, On disables transmit).

I have had my menu settings get reset by themselves before. 73
Tom W7WHY

> > > Hello,
> > >
> > > My TS450 will not go into transmit mode. Not with the Mic or front
> > > panel "send / receive" or via MMTTY. It just stays in RX and never
> > > skips beat as far as receive goes (just like as if you were pressing
> > > the mike switch with the mic unplugged)
> > >
> > > Before it totally stopped transmitting, MMTTY would send the TX
> signal
> > > to the radio and the radio would ignore it. Then several seconds
> after
> > > MMTTY went back to RX the radio would kick into TX and stay in TX
> > > until I switched the power off.
> > >
> > > Now, even with just the radio alone - with no computer connected - it
> > > totally ignores any attempt to get it to go into TX.
> > >
> > > Any ideas?
> > >
> > > Thanks,
> > >
> > > Paul / NO9C
>

11372. Re: MC-60 MC60A ?? difference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-02 18:50:25 UTC
From: m6gbt
Topic: 6291 Message: 11372

The diference is: MC-60 doesn't have built-in pre-amp

Pete
M6GBT

--- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@...> wrote:
>
> I beleive the a model was able to be wired to the radio, whereas the original was not, otherwise they are the same.
>
>
> VE3WEJ
> Dave Garber
>
> 10-X # 23465
> echolink # 52852
> irlp node 2202
> email ve3wej@...
> ----- Original Message -----
> From: n8nma
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, September 14, 2007 10:20 PM
> Subject: [TS-850_450_690] MC-60 MC60A ?? difference
>
>
> Anyone know the difference between the two ?
> Thanks
>
> Tom
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11373. Re: MC-60 MC60A ?? difference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-02 21:33:39 UTC
From: avvidclif
Topic: 6291 Message: 11373

The MC-60 had a battery powered preamp and a 4 pin mic connector. The MC-60A had a preamp with power from the transceiver or the battery and an 8 pin mic connector.

Main difference was the 4 pin vs 8 pin connector.

Clif

--- In TS-850_450_690@yahoogroups.com, "m6gbt" <m6gbt@...> wrote:
>
> The diference is: MC-60 doesn't have built-in pre-amp
>
> Pete
> M6GBT
>
> --- In TS-850_450_690@yahoogroups.com, "ve3wej gmail" <ve3wej@> wrote:
> >
> > I beleive the a model was able to be wired to the radio, whereas the original was not, otherwise they are the same.
> >
> >
> > VE3WEJ
> > Dave Garber
> >
> > 10-X # 23465
> > echolink # 52852
> > irlp node 2202
> > email ve3wej@
> > ----- Original Message -----
> > From: n8nma
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Friday, September 14, 2007 10:20 PM
> > Subject: [TS-850_450_690] MC-60 MC60A ?? difference
> >
> >
> > Anyone know the difference between the two ?
> > Thanks
> >
> > Tom
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11374. Re: TS450SAT Not going into TX...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-03 12:55:49 UTC
From: pjansen48
Topic: 11367 Message: 11374

Thank you to all who replied...

I think what was going on, was that even though I had unplugged the "computer control" cable to try and narrow it down, I neglected to unplug the PTT/FSK cable on the rear of the unit. (I sort of forgot about that one...)

It seems like there was some issue with the level converter/isolation adapter and/or the LPT port on the computer.

The voltage levels on the 25 pin connector on the rear of the computer didn't seem right and I could not resolve the issue. So I made use of one of the 9 pin COM ports (that I had been using for rotor control). I then also replaced the opto isolator chip in the converter and now it seems to be back to normal. Hopefully it will stay that way - either that, or it is an intermittant problem of some sort...

Thanks again - 73,

Paul / NO9C

--- In TS-850_450_690@yahoogroups.com, Tom Osborne <w7why@...> wrote:
>
> Hi Paul
>
> Did you try doing a reset? 73
> Tom W7WHY
>
>
> [Non-text portions of this message have been removed]
>

11375. Looking for a TS-450 Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-10 19:51:14 UTC
From: Lane G
Topic: 11375 Message: 11375

I am looking for a AT-450 for my radio.
Or a non working 450 with tuner.

11376. Memory Programming TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-10 22:26:20 UTC
From: tpd718
Topic: 11376 Message: 11376

Greetings! Anyone have any experience programming the memory channels of the TS450 by computer? I have downloaded and been playing with the TSControl software and see USB programming cables for sale on ebay. Any instruction is appreciated. If this has been discussed earlier in the group please let me know the message number. Thanks

11378. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-14 07:42:00 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 11378

Hello, This email message is a notification to let you know that a file has been uploaded to the Files area of the TS-850_450_690 group. File : /Kenwood DSP 100 Modification.pdf Uploaded by : alex_barbon Description : DSP100 Jensen Transformer Mod You can access this file at the URL: http://groups.yahoo.com/group/TS-850_450_690/files/Kenwood%20DSP%20100%20Modification.pdf To learn more about file sharing for your group, please visit: http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html Regards, alex_barbon

11379. No HF power output all of the sudden on 690SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-17 01:05:50 UTC
From: aa5te.kb5ehr@gmail.com
Topic: 11379 Message: 11379

I went from 100W to 0W on HF on my TS-690SAT. 6M still works just fine, but HF, not so much - maybe 1W on 10m now; happened all of the sudden a few months back. I hadn't fired that rig up for months on HF. I finally turned it on, went to 10m, put her in auto-tune, and noticed I had a high SWR (3.5:1 or so on all 3 bands, so maybe a bad 10m trap or something, water in the coax, IDK) on my tribander. Went to all 3 bands to determine this. So, let it retune on 10m, cranked the power to 100W key down, about 5 seconds elapse, then POOF, essentially no power on HF. Receive is fine, no smoke or smell, allowing it to cool down for 15 minutes yields about 1W on 10m, lower to nothing on 20m down. 6m, as I said, still works fine (6 has always been a little flaky - power jumps at times, power fluctuates somewhat between 40-50W it seems. Did a microprocessor reset and some more fiddling, still the same. Kind of odd, though, because at first I could get almost 10W of reflected power now but only 1W out, both on the Kenwood meter and my external meter (harmonics? Not sure, but really weird). Switched coax around, still no dice. Fiddled with carrier, ALC and power settings, nada. Also, the current draw correlates well with those findings.

I found that D11, the surge protector had failed, but it may have been that way before this happened. Removed it, no change. No other charred/abnormal components have been noted thus far. Pulled the filter board to look at the finals, the finals IN CIRCUIT check out OK with my meter as much as I can check them without pulling components (~8 ohm B-E, E-B; B-C 0.472V drop).

Any suggestions on what to look at next?

11380. TS-850 display light out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-21 22:37:36 UTC
From: Chris
Topic: 11380 Message: 11380

help. anyone know where i might start looking for the problem?

my TS-850s has been working 100% until just the other day. i turned it on, and with in a min or so the backlight started to fade out to black (dark).

its been a few days now ,but it does come back on intermittantly now and then, usually right after turning it on but then soon fades out again.

any suggestions please.

thanks, chris / ab9qb 73's

11381. Re: [TS-850_450_690] TS-850 display light out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-21 23:22:23 UTC
From: Tom Osborne
Topic: 11380 Message: 11381

On 5/21/2012 3:37 PM, Chris wrote:
>
> help. anyone know where i might start looking for the problem?
>
> my TS-850s has been working 100% until just the other day. i turned it
> on, and with in a min or so the backlight started to fade out to black
> (dark).
>
> its been a few days now ,but it does come back on intermittantly now
> and then, usually right after turning it on but then soon fades out again.
>
> any suggestions please.
>
> thanks, chris / ab9qb 73's
>
HI Chris

Have you tried ti with a different power supply, or a battery.

Also, check the fuse holders in the power cord. Sometimes the fuses get
loose, or some crud can get in there. 73
Tom W7WHY

11382. RE: [TS-850_450_690] TS-850 display light out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-22 01:00:10 UTC
From: Dave Gmail
Topic: 11380 Message: 11382

Check the old messages, I believe a cap on the display is the fault

This has been discussed before

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Chris
Sent: May-21-12 6:38 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 display light out

help. anyone know where i might start looking for the problem?

my TS-850s has been working 100% until just the other day. i turned it on,
and with in a min or so the backlight started to fade out to black (dark).

its been a few days now ,but it does come back on intermittantly now and
then, usually right after turning it on but then soon fades out again.

any suggestions please.

thanks, chris / ab9qb 73's

THANKS FOR USING TS-850_450_690@...! Groups Links

11383. Inrad filter install problem on TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-22 10:27:24 UTC
From: ve3mij
Topic: 11383 Message: 11383

Hi Guys! Great group, I have found it useful. Did a search and couldn't find an answer to my problem.

Installed an Inrad 400 Hz CW 8.83 MHz IF filter and with the 455 filters wide it seems to work fine. But if I select a 455 kHz IF side 2.7 KHz, or 500 Hz (Kenwood) filter, nothing seems to get through.

If I don't have the Inrad filter selected, the 455 kHz filters work fine. It almost seems like they are not matched up in where they are filtering, so when both enabled they block everything.

Any thoughts?

Bought the rig a month after they came out, and still love it! Only replaced the display cap so far, checked the caps on the DDS board and they are still happy.

73

Jim VE3MIJ

11384. Re: TS-850 display light out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-22 14:29:48 UTC
From: Malti
Topic: 11380 Message: 11384

Is your shack damp, humid ? This could be a cause.

[Non-text portions of this message have been removed]

11385. Re: Inrad filter install problem on TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-22 15:51:29 UTC
From: Mel
Topic: 11383 Message: 11385

Hi,
Please be careful that the slope tuning is wide open (maximum
bandwidth) when switching filters or you can get the symptoms
you have observed.
73,
Mel - KF6OZ

--- In TS-850_450_690@yahoogroups.com, "ve3mij" <mij@...> wrote:
>
> Hi Guys! Great group, I have found it useful. Did a search and couldn't find an answer to my problem.
>
> Installed an Inrad 400 Hz CW 8.83 MHz IF filter and with the 455 filters wide it seems to work fine. But if I select a 455 kHz IF side 2.7 KHz, or 500 Hz (Kenwood) filter, nothing seems to get through.
>
> If I don't have the Inrad filter selected, the 455 kHz filters work fine. It almost seems like they are not matched up in where they are filtering, so when both enabled they block everything.
>
> Any thoughts?
>
> Bought the rig a month after they came out, and still love it! Only replaced the display cap so far, checked the caps on the DDS board and they are still happy.
>
> 73
>
> Jim VE3MIJ
>

11386. Recording own TX audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-22 20:44:10 UTC
From: ei3gsb
Topic: 11386 Message: 11386

Hi,

Is it possible to record my own audio while I'm transmitting on my TS-850S? I was talking to a friend the other day who is into hifi audio and I had no problem recording his audio and playing it back to him. However, I thought to myself 'how does my audio sound?'. Obviously I'm aware of the monitor function on the 850 but I'm not certain that what I'm hearing is an accurate reproduction of my transmitted audio.
So... any suggestions as to how I can record my own transmitted audio??

Andrew

11387. Re: Inrad filter install problem on TS-850S/AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-22 21:00:08 UTC
From: ve3mij
Topic: 11383 Message: 11387

Thanks Mel, you nailed it!

I thought I had it wide open, but it turns out I had it wide closed... (If there is such a thing hihi)

Guess I'm a little rusty on the controls. Just getting back in to using HF as I haven't for a few years. Great to know there's nothing to fix! (And that there is that kind of control with the slope tuning in CW!!!)

Really had me puzzled since the rig is DDS, if the mixer frequencies were off.

Thanks, Jim

--- In TS-850_450_690@yahoogroups.com, "Mel" <mel@...> wrote:
>
> Hi,
> Please be careful that the slope tuning is wide open (maximum
> bandwidth) when switching filters or you can get the symptoms
> you have observed.
> 73,
> Mel - KF6OZ
>
> --- In TS-850_450_690@yahoogroups.com, "ve3mij" <mij@> wrote:
> >
> > Hi Guys! Great group, I have found it useful. Did a search and couldn't find an answer to my problem.
> >
> > Installed an Inrad 400 Hz CW 8.83 MHz IF filter and with the 455 filters wide it seems to work fine. But if I select a 455 kHz IF side 2.7 KHz, or 500 Hz (Kenwood) filter, nothing seems to get through.
> >
> > If I don't have the Inrad filter selected, the 455 kHz filters work fine. It almost seems like they are not matched up in where they are filtering, so when both enabled they block everything.
> >
> > Any thoughts?
> >
> > Bought the rig a month after they came out, and still love it! Only replaced the display cap so far, checked the caps on the DDS board and they are still happy.
> >
> > 73
> >
> > Jim VE3MIJ
> >
>

11388. Re: No HF power output all of the sudden on 690SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-23 04:32:53 UTC
From: aa5te.kb5ehr@gmail.com
Topic: 11379 Message: 11388

I went ahead and did in circuit checks of all of the transistors on the PA board; they all appear to be fine. Now, I did notice that R6 and R7 are burnt but still reading the proper resistance (10 ohms; 15 in the manual) even though they're burnt. They slightly melted the insulation on two of the wires that were touching them. But everything else looks fine. Ideas?

--- In TS-850_450_690@yahoogroups.com, aa5te.kb5ehr@... wrote:
>
> I went from 100W to 0W on HF on my TS-690SAT. 6M still works just
> fine, but HF, not so much - maybe 1W on 10m now; happened all of the sudden a few months back. I hadn't fired that rig up for months on HF. I finally turned it on, went to 10m, put her in auto-tune, and noticed I had a high SWR (3.5:1 or so on all 3 bands, so
> maybe a bad 10m trap or something, water in the coax, IDK) on my tribander. Went
> to all 3 bands to determine this. So, let it retune on 10m, cranked the power to
> 100W key down, about 5 seconds elapse, then POOF, essentially no power on HF.
> Receive is fine, no smoke or smell, allowing it to cool down for 15 minutes
> yields about 1W on 10m, lower to nothing on 20m down. 6m, as I said, still works
> fine (6 has always been a little flaky - power jumps at times, power fluctuates somewhat between 40-50W it seems. Did a microprocessor reset and some more fiddling, still the same. Kind of odd, though, because at first I could get almost 10W of reflected power now but only 1W out, both on the Kenwood meter and my external meter (harmonics? Not sure, but really weird). Switched coax around, still no dice. Fiddled with carrier, ALC and power settings, nada. Also, the current draw correlates well with those findings.
>
> I found that D11, the surge protector had failed, but it may have been that way before this happened. Removed it, no change. No other charred/abnormal components have been noted thus far. Pulled the filter board to look at the finals, the finals IN CIRCUIT check out OK with my meter as much as I can check them without pulling components (~8 ohm B-E, E-B; B-C 0.472V drop).
>
> Any suggestions on what to look at next?
>

11389. Re: [TS-850_450_690] Re: No HF power output all of the sudden on 690SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-23 04:50:39 UTC
From: Tom Osborne
Topic: 11379 Message: 11389

Usually if there are burned resistors, it is caused by excess current through them. Something is shorted somewhere. I'd think. 73 and GL
Tom W7WHY

On 5/22/2012 9:32 PM, aa5te.kb5ehr@... wrote:
>
> I went ahead and did in circuit checks of all of the transistors on
> the PA board; they all appear to be fine. Now, I did notice that R6
> and R7 are burnt but still reading the proper resistance (10 ohms; 15
> in the manual) even though they're burnt. They slightly melted the
> insulation on two of the wires that were touching them. But everything
> else looks fine. Ideas?
>
> ---
>

11390. Re: No HF power output all of the sudden on 690SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-23 14:29:47 UTC
From: avvidclif
Topic: 11379 Message: 11390

Replace the drivers. 2 15 ohm resistors in parallel is 7.5 ohms. They are no good. Replace them also and don't forget to set the bias with the new transistors.

Clif

--- In TS-850_450_690@yahoogroups.com, Tom Osborne <w7why@...> wrote:
>
> Usually if there are burned resistors, it is caused by excess current
> through them. Something is shorted somewhere. I'd think. 73 and GL
> Tom W7WHY
>
> On 5/22/2012 9:32 PM, aa5te.kb5ehr@... wrote:
> >
> > I went ahead and did in circuit checks of all of the transistors on
> > the PA board; they all appear to be fine. Now, I did notice that R6
> > and R7 are burnt but still reading the proper resistance (10 ohms; 15
> > in the manual) even though they're burnt. They slightly melted the
> > insulation on two of the wires that were touching them. But everything
> > else looks fine. Ideas?
> >
> > ---
> >
>

11391. Re: No HF power output all of the sudden on 690SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-23 23:39:19 UTC
From: aa5te.kb5ehr@gmail.com
Topic: 11379 Message: 11391

Thanks, Clif! The resistors read 10 ohms (out of circuit) but should be 15 ohms each. And I noticed something that I had not paid attention to before. The solder on the drivers was newer looking than anything else on the board, with more flux residue on the PCB around the leads. And they were clipped off (the leads didn't cover the entire pad). So, I pulled them. Diode checks both show base-emitter completely open, and base-collector on one of them at 0.32V drop, 0.62V on the other one. Also, the schematic calls out 2SC2509's; these are the newer 2SC3133's. So, it appears that these were replaced once upon a time before 2004 when I purchased this rig. So now to find replacements (ebay is looking like it for now, but 2 weeks shipping or more from China). Unless there are other equivalents that are more easily obtained.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Replace the drivers. 2 15 ohm resistors in parallel is 7.5 ohms. They are no good. Replace them also and don't forget to set the bias with the new transistors.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Tom Osborne <w7why@> wrote:
> >
> > Usually if there are burned resistors, it is caused by excess current
> > through them. Something is shorted somewhere. I'd think. 73 and GL
> > Tom W7WHY
> >
> > On 5/22/2012 9:32 PM, aa5te.kb5ehr@ wrote:
> > >
> > > I went ahead and did in circuit checks of all of the transistors on
> > > the PA board; they all appear to be fine. Now, I did notice that R6
> > > and R7 are burnt but still reading the proper resistance (10 ohms; 15
> > > in the manual) even though they're burnt. They slightly melted the
> > > insulation on two of the wires that were touching them. But everything
> > > else looks fine. Ideas?
> > >
> > > ---
> > >
> >
>

11392. Wanted: Good pair of 2SC2509/2SC3133/2SC1945's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-24 00:52:11 UTC
From: aa5te.kb5ehr@gmail.com
Topic: 11392 Message: 11392

Anybody have a good pair of 2SC2509/2SC3133/2SC1945's that they want to part with?

11393. Re: No HF power output all of the sudden on 690SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-24 23:05:24 UTC
From: avvidclif
Topic: 11379 Message: 11393

What's wrong with Kenwood? $23 ea for 2509's

Clif

--- In TS-850_450_690@yahoogroups.com, aa5te.kb5ehr@... wrote:
>
> Thanks, Clif! The resistors read 10 ohms (out of circuit) but should be 15 ohms each. And I noticed something that I had not paid attention to before. The solder on the drivers was newer looking than anything else on the board, with more flux residue on the PCB around the leads. And they were clipped off (the leads didn't cover the entire pad). So, I pulled them. Diode checks both show base-emitter completely open, and base-collector on one of them at 0.32V drop, 0.62V on the other one. Also, the schematic calls out 2SC2509's; these are the newer 2SC3133's. So, it appears that these were replaced once upon a time before 2004 when I purchased this rig. So now to find replacements (ebay is looking like it for now, but 2 weeks shipping or more from China). Unless there are other equivalents that are more easily obtained.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Replace the drivers. 2 15 ohm resistors in parallel is 7.5 ohms. They are no good. Replace them also and don't forget to set the bias with the new transistors.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, Tom Osborne <w7why@> wrote:
> > >
> > > Usually if there are burned resistors, it is caused by excess current
> > > through them. Something is shorted somewhere. I'd think. 73 and GL
> > > Tom W7WHY
> > >
> > > On 5/22/2012 9:32 PM, aa5te.kb5ehr@ wrote:
> > > >
> > > > I went ahead and did in circuit checks of all of the transistors on
> > > > the PA board; they all appear to be fine. Now, I did notice that R6
> > > > and R7 are burnt but still reading the proper resistance (10 ohms; 15
> > > > in the manual) even though they're burnt. They slightly melted the
> > > > insulation on two of the wires that were touching them. But everything
> > > > else looks fine. Ideas?
> > > >
> > > > ---
> > > >
> > >
> >
>

11394. AF Control leaks sound at Zero setting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-26 19:51:25 UTC
From: k4zot
Topic: 11394 Message: 11394

Can someone provide some information on what is causing my TS-850 to leak audio to the speaker even when the AF control is at "0". Even at "0" the sound to the speaker is very noticable.

Thanks very much,

11395. Re: [TS-850_450_690] AF Control leaks sound at Zero setting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-26 19:54:51 UTC
From: Jesse Dominguez
Topic: 11394 Message: 11395

Is the monitor switch pushed IN?
On May 26, 2012 2:52 PM, "k4zot" <packardg@...> wrote:
>
>
>
>
> Can someone provide some information on what is causing my TS-850 to leak audio to the speaker even when the AF control is at "0". Even at "0" the sound to the speaker is very noticable.
>
> Thanks very much,
>
>

[Non-text portions of this message have been removed]

11396. RE: [TS-850_450_690] AF Control leaks sound at Zero setting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-27 00:18:57 UTC
From: Dave Gmail
Topic: 11394 Message: 11396

Have you tried cleaning the af pot, maybe it is just dirty. Monitor button is for transmitted audio as far as I know, not receive audio, which is what I think you are referring to

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of k4zot
Sent: May-26-12 3:51 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] AF Control leaks sound at Zero setting

Can someone provide some information on what is causing my TS-850 to leak audio to the speaker even when the AF control is at "0". Even at "0" the sound to the speaker is very noticable.

Thanks very much,

THANKS FOR USING TS-850_450_690@...! Groups Links

11398. Virus do not open the link

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-05-28 15:00:54 UTC
From: GLENN PACKARD
Topic: 11398 Message: 11398

This is a virus which attacked my email and sent this link to my entire email list. Please do not open the link or you will be infected.

[Non-text portions of this message have been removed]

11402. RE: [TS-850_450_690] AF Control leaks sound at Zero setting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-01 19:31:32 UTC
From: Dave Gmail
Topic: 11394 Message: 11402

Receive audio, or transmit audio

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of k4zot
Sent: May-26-12 3:51 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] AF Control leaks sound at Zero setting

Can someone provide some information on what is causing my TS-850 to leak
audio to the speaker even when the AF control is at "0". Even at "0" the
sound to the speaker is very noticable.

Thanks very much,

THANKS FOR USING TS-850_450_690@...! Groups Links

11404. Re: [TS-850_450_690] (unknown)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-02 15:57:14 UTC
From: Tom Osborne
Topic: 11403 Message: 11404

Gary, you've been hacked.

>

11405. No ssb output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-05 16:06:45 UTC
From: Paul
Topic: 11405 Message: 11405

No ssb output.
Works fine on fm and cw.
Any one have any thoughts?

11406. 850 for sale in Phoenix

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-05 16:43:20 UTC
From: greg andersen
Topic: 11406 Message: 11406

Selling my 850 and PS. HOA problems.

Greg

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul
Sent: Tuesday, June 05, 2012 9:07 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] No ssb output

No ssb output.
Works fine on fm and cw.
Any one have any thoughts?

[Non-text portions of this message have been removed]

11407. RE: [TS-850_450_690] No ssb output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-05 21:09:49 UTC
From: Dave Gmail
Topic: 11405 Message: 11407

What radio?? Does it key in fsk mode??? Fm mode (can someone hear you, or do you just see it keys. Ssb needs audio to "swing", and maybe your mike is dead. Try another mike????

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Paul
Sent: June-05-12 12:07 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] No ssb output

No ssb output.
Works fine on fm and cw.
Any one have any thoughts?

THANKS FOR USING TS-850_450_690@...! Groups Links

11408. TS-850Sat with Inrad roofing filter for sale.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-06 19:59:35 UTC
From: ah6rr1
Topic: 11408 Message: 11408

I have a 50 mil serial number 850 with the Inrad roofing filter installed it has the Mars,NB and remote memory battery mods no leaks on the CAR Board caps. Comes with the manual (not a copy) hand microphone and power cord also a spare DC/DC converter board (just in case)and orignal Shipping box. 8 out of 10 in looks $750 plus split shipping. I also have a PS-52 power supply for it for $125 plus shipping.

You can contact me at my call at arrl dot net.

Roland AH6RR

11409. serial number 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-07 08:28:43 UTC
From: Barry
Topic: 11408 Message: 11409

Hi, about 8 years ago I bought a TS-850, it was only last year I noticed
there was no serial number on it.
Were these just stuck on?
I have the original bill of sale for it, but no serial number on it.
Barry M0IOW

11410. Re: [TS-850_450_690] serial number 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-07 19:39:30 UTC
From: Tom Waraksa
Topic: 11408 Message: 11410

My TS-820S has a metal or foil serial number label on the rear of the chassis in plain site.
73,
Tom - AF8P

--- On Thu, 6/7/12, Barry <Barry@india-whisky.org.uk> wrote:

From: Barry <Barry@...>
Subject: [TS-850_450_690] serial number 850
To: TS-850_450_690@yahoogroups.com
Date: Thursday, June 7, 2012, 8:28 AM

Hi, about 8 years ago I bought a TS-850, it was only last year I noticed

there was no serial number on it.

Were these just stuck on?

I have the original bill of sale for it, but no serial number on it.

Barry M0IOW

[Non-text portions of this message have been removed]

11411. Re: serial number 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-07 20:01:08 UTC
From: Eric
Topic: 11408 Message: 11411

The serial number for the 850 is located on the back of the radio. Your original sales receipt should have the serial number listed, so you would be able to turn in the original warranty registration card. Additionally, the serial number is printed on the original inner shipping box.
Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Barry" <Barry@...> wrote:
>
> Hi, about 8 years ago I bought a TS-850, it was only last year I noticed
> there was no serial number on it.
> Were these just stuck on?
> I have the original bill of sale for it, but no serial number on it.
> Barry M0IOW
>

11412. Re: No ssb output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-14 03:03:27 UTC
From: n0rz1998
Topic: 11405 Message: 11412

I discovered that no ssb output can be caused by having the processor knob turned to zero with the processor on. I turned the processor off and had ssb output. I run a ts850.
I hope this is all that is wrong with your rig.
73

--- In TS-850_450_690@yahoogroups.com, "Paul" <kb8cmw@...> wrote:
>
> No ssb output.
> Works fine on fm and cw.
> Any one have any thoughts?
>

11413. Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-14 09:51:59 UTC
From: Eric
Topic: 11179 Message: 11413

Hello Clif;
I finally got around to trying what you recommended. Life events got in the way and I also had to change the caps on the CAR board. Anyway, it didn't really solve the problem. After spinning the cap and resetting, the audio sounded only slightly better. I pulled the PLL board from my parts rig and that solved the problem. Does the trimmer cap in the LO2 circuit go bad? I opened up the cover and it looks like the LO2 board is raised off of the main board. It looks like it could be a hassle changing out the trimmer. Is there a way to verify it's the trimmer and not some other component? Thanks for steering me in the right direction. I was about to swap out the RF board and would have been very dissapointed.

Eric

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Try spinning the cap in LO2 on the PLL unit for several turns and resetting to spec.
>
> Clif
>
>

11414. Re: TS-850 distorted TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-14 12:10:45 UTC
From: avvidclif
Topic: 11179 Message: 11414

You have to remove the entire sub-assembly and then change the cap. Be careful not to damage thru holes on the PLL board.

Clif

--- In TS-850_450_690@yahoogroups.com, "Eric" <n7dlv@...> wrote:
>
> Hello Clif;
> I finally got around to trying what you recommended. Life events got in the way and I also had to change the caps on the CAR board. Anyway, it didn't really solve the problem. After spinning the cap and resetting, the audio sounded only slightly better. I pulled the PLL board from my parts rig and that solved the problem. Does the trimmer cap in the LO2 circuit go bad? I opened up the cover and it looks like the LO2 board is raised off of the main board. It looks like it could be a hassle changing out the trimmer. Is there a way to verify it's the trimmer and not some other component? Thanks for steering me in the right direction. I was about to swap out the RF board and would have been very dissapointed.
>
> Eric
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Try spinning the cap in LO2 on the PLL unit for several turns and resetting to spec.
> >
> > Clif
> >
> >
>

11415. TS-450S Receive problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-16 13:29:37 UTC
From: Dan Mattingly
Topic: 11415 Message: 11415

I have a friends rig that was damaged badly by high RF input. What happened was he was running the rig mobile. Another ham was running the same band he was but, not the same frequency. The other ham pulled up along side of him so the antennas were only about 4 feet apart. Not realizing the situation the ham keyed down and started talking and was using a linear amp. The 450 started to smoke so my friend turned it off. When he did turn it back on the receive was extremely low. I took the board out and found the lightening protection diodes burned out as well as there traces. I repaired that and I ordered a bunch of pin diode and couple of the transistirs figuring there had to be more damage and there was. I replaced all the front pin diodes on the bandpasses for 160 thru 20 meters. 10 meters was working fine with a S-9 singal with 50uv. All other bnads were at S-3 to S-5 for 17 meters. After replacing the diodes I now get S-6 from 160 to 15 meters and S-8 on 17 meters. Not sure where to look from this point as to the bad component(s). Perhaps the back bandpass diodes are weak and possibly leaking. They all checked good but, that isn't always the case. I also noticed several other switching pin diodes and wondered if they might be causing the issue. They checked good also. I'm now down to looking at the transistors in the circuit. Any ideas would be appreciated. It's a difficult board to trouble shoot with the major amount of compponents on the bottom of the board. I do have a 150MHz scope and a HP8921A service monitor so I can delve into the circuits without any problem. Thanks for your time.

11416. Excessive TX Phase Noise?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-16 20:24:09 UTC
From: Eric
Topic: 11416 Message: 11416

After repairing one of my 850s, thanks Clif, I noticed something unusual about the other 850. When transmitting, mike gain minimum, power minimum, CAR control maximum, I hear a carrier and a rushing type sound in a monitoring receiver. A wire is connected to the 850's antenna, no antenna is connected to the monitoring RCVR. The carrier and the rushing sound do not move the meter on the RCVR, but is fairly strong. With the recently repaired 850, with the same conditions, the rushing sound is not there and the carrier is very weak. I did adjust the null pots and the carrier was reduced, but only slighly. The rushing sound was still there. When transmitting at full power into a dummy load, the audio sounded fine in upper and lower sideband as heard on the monitoring RCVR and the receiver works. All bands are affected. When I purchased the affected 850, the suface mounted electrolytics on the CAR board were replaced by standard electrolytics. Should I replace the electrolytics on the CAR board with SMD devices, or should I look elsewhere? I don't have a spectrum analyzer. I do have a rather unstable signal generator. I suppose I could inject signals into the various TX mixer stages at the proper frequency to see if the noise goes away in an attempt to localize the problem. Any ideas would be appreaciated.

Eric N7DLV

11417. TS-850S Tune button ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-16 17:27:03 UTC
From: Joe Cotignola
Topic: 11417 Message: 11417

Hi All...how exactly does the "TUNE" button on the keypad work ?
The manual says that it emits a sidetone in CW receive mode, but, nothing happens when it is depressed. The TUNE light comes on in the Dsiplay area.

Are there any other settings that control this sidetone getting emitted ?

Thanks in advance

Joe WR2B

[Non-text portions of this message have been removed]

11418. RE: [TS-850_450_690] TS-850S Tune button ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-17 01:33:00 UTC
From: Dave Gmail
Topic: 11417 Message: 11418

The TUNE button works in conjunction with the thru/auto button above it, where if the auto/thru button is depressed, pressing the tune button will TUNE the antenna as best it can. Not sure about a sidetone, cause the radio does not even have to be in cw mode to tune. All I ever hear (that I remember) is the little motors of the tuner whirring.

Also this also will only work if you actually have the tuner installed.

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Joe Cotignola
Sent: June-16-12 1:27 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Tune button ?

Hi All...how exactly does the "TUNE" button on the keypad work ?
The manual says that it emits a sidetone in CW receive mode, but, nothing happens when it is depressed. The TUNE light comes on in the Dsiplay area.

Are there any other settings that control this sidetone getting emitted ?

Thanks in advance

Joe WR2B

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11419. Re: [TS-850_450_690] TS-850S Tune button ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-17 15:04:21 UTC
From: Jim Baumann
Topic: 11417 Message: 11419

Did you mean the tune button abouve the clr botton. It induces a low power carrier for tuning amps and stuff. Sounded like thats what you meant. AB9NA Jim

---

From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, June 16, 2012 9:33:00 PM
Subject: RE: [TS-850_450_690] TS-850S Tune button ?

The TUNE button works in conjunction with the thru/auto button above it, where if the auto/thru button is depressed, pressing the tune button will TUNE the antenna as best it can. Not sure about a sidetone, cause the radio does not even have to be in cw mode to tune. All I ever hear (that I remember) is the little motors of the tuner whirring.

Also this also will only work if you actually have the tuner installed.

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Joe Cotignola
Sent: June-16-12 1:27 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Tune button ?

Hi All...how exactly does the "TUNE" button on the keypad work ?
The manual says that it emits a sidetone in CW receive mode, but, nothing happens when it is depressed. The TUNE light comes on in the Dsiplay area.

Are there any other settings that control this sidetone getting emitted ?

Thanks in advance

Joe WR2B

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

[Non-text portions of this message have been removed]

11420. RE: [TS-850_450_690] TS-850S Tune button ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-18 16:02:06 UTC
From: Bob Naylor
Topic: 11417 Message: 11420

I think you're asking about the "tune" button on the keypad which shares a number button. This button can be used for zero beating CW signals and it can also be used for tuning. When the tune button is in, you can key the mic and get a carrier and the carrier level is adjusted with the carrier control. I use this to tune my antenna tuner and my amp. You can get from zero to approx 60 watts out this way.
When using the tune button for zero beating, you will hear the cw signal above and below the zero beat freq so between the two tones is your zero beat freq.Hope I explained this well enuff.
I hope you were asking about an 850. 73, Bob WE6C

--- On Sat, 6/16/12, Dave Gmail <ve3wej@...> wrote:

From: Dave Gmail <ve3wej@gmail.com>
Subject: RE: [TS-850_450_690] TS-850S Tune button ?
To: TS-850_450_690@yahoogroups.com
Date: Saturday, June 16, 2012, 6:33 PM

The TUNE button works in conjunction with the thru/auto button above it,

where if the auto/thru button is depressed, pressing the tune button will

TUNE the antenna as best it can. Not sure about a sidetone, cause the radio

does not even have to be in cw mode to tune. All I ever hear (that I

remember) is the little motors of the tuner whirring.

Also this also will only work if you actually have the tuner installed.

Dave ve3wej/ve3ie

-----Original Message-----

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

On Behalf Of Joe Cotignola

Sent: June-16-12 1:27 PM

To: TS-850_450_690@yahoogroups.com

Subject: [TS-850_450_690] TS-850S Tune button ?

Hi All...how exactly does the "TUNE" button on the keypad work ?

The manual says that it emits a sidetone in CW receive mode, but, nothing

happens when it is depressed. The TUNE light comes on in the Dsiplay area.

Are there any other settings that control this sidetone getting emitted ?

Thanks in advance

Joe WR2B

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links

[Non-text portions of this message have been removed]

11421. tune button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-18 15:19:47 UTC
From: Joe Cotignola
Topic: 11421 Message: 11421

Clear DaySubject: tune button

thanks for the replies...the Tune button I am referring to is on the numeric keypad above the CLR button.
Problem is that when I press it I expected to get a low power signal so I zero the SWR with my antenna tuner, but nothing happens.
AM I missing a setting somewhere, some other function that needs to be enabled ?
I am using an Iambic paddle for the built-in keyer with the keyer swiych on the back in the ON position.

Thanks
Joe

[Non-text portions of this message have been removed]

11422. RE: [TS-850_450_690] tune button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-18 19:28:50 UTC
From: Dave Gmail
Topic: 11421 Message: 11422

Hi I never remembered using this so I thought I would try it.

Mine keys full output, no sidetone (I may have it turned off), did not need a key, I used the send button.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Joe Cotignola
Sent: June-18-12 11:20 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] tune button

Clear DaySubject: tune button

thanks for the replies...the Tune button I am referring to is on the numeric keypad above the CLR button.
Problem is that when I press it I expected to get a low power signal so I zero the SWR with my antenna tuner, but nothing happens.
AM I missing a setting somewhere, some other function that needs to be enabled ?
I am using an Iambic paddle for the built-in keyer with the keyer swiych on the back in the ON position.

Thanks
Joe

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11423. Re: [TS-850_450_690] Digest Number 2824

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-19 12:59:12 UTC
From: bobandcharlene8@gmail.com
Topic: 11423 Message: 11423

Sent via Nokia Email

------Original message------
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Date: Tuesday, June 19, 2012 7:40:29 AM GMT-0000
Subject: [TS-850_450_690] Digest Number 2824

Kenwood TS-850_450_690 Messages In This Digest (3 Messages) 1a. Re: TS-850S Tune button ?<#1a> From: Bob Naylor 2a. tune button<#2a> From: Joe Cotignola2b. Re: tune button<#2b> From: Dave Gmail View All Topics Create New Topic Messages 1a. Re: TS-850S Tune button ? Posted by: "Bob Naylor" wotbob01@... wotbob01 Mon Jun 18, 2012 9:02 am (PDT)

I think you're asking about the"tune" button on the keypad which shares a number button. This button can be used for zero beating CW signals and it can also be used for tuning. When the tune button is in, you can key the mic and get a carrier and the carrier level is adjusted with the carrier control. I use this to tune my antenna tuner and my amp. You can get from zero to approx 60 watts out this way.
When using the tune button for zero beating, you will hear the cw signal above and below the zero beat freq so between the two tones is your zero beat freq.Hope I explained this well enuff.
I hope you were asking about an 850. 73, Bob WE6C

--- On Sat, 6/16/12, Dave Gmail< ve3wej@...> wrote:

From: Dave Gmail< ve3wej@...>
Subject: RE: [TS-850_450_690] TS-850S Tune button ?
To: TS-850_450_690@yahoogroups.com
Date: Saturday, June 16, 2012, 6:33 PM

The TUNE button works in conjunction with the thru/auto button above it,

where if the auto/thru button is depressed, pressing the tune button will

TUNE the antenna as best it can. Not sure about a sidetone, cause the radio

does not even have to be in cw mode to tune. All I ever hear (that I

remember) is the little motors of the tuner whirring.

Also this also will only work if you actually have the tuner installed.

Dave ve3wej/ve3ie

-----Original Message-----

From: TS-850_450_690@yahoogroups.com [mailto: TS-850_450_690@yahoogroups.com]

On Behalf Of Joe Cotignola

Sent: June-16-12 1:27 PM

To: TS-850_450_690@yahoogroups.com

Subject: [TS-850_450_690] TS-850S Tune button ?

Hi All...how exactly does the"TUNE" button on the keypad work ?

The manual says that it emits a sidetone in CW receive mode, but, nothing

happens when it is depressed. The TUNE light comes on in the Dsiplay area.

Are there any other settings that control this sidetone getting emitted ?

Thanks in advance

Joe WR2B

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

Back to top <#toc> Reply to sender Reply to group Reply via web post
Messages in this topic (4) 2a. tune button Posted by: "Joe Cotignola" connjc@... joewr2b
Mon Jun 18, 2012 9:06 am (PDT)

Clear DaySubject: tune button

thanks for the replies...the Tune button I am referring to is on the numeric keypad above the CLR button.
Problem is that when I press it I expected to get a low power signal so I zero the SWR with my antenna tuner, but nothing happens.
AM I missing a setting somewhere, some other function that needs to be enabled ?
I am using an Iambic paddle for the built-in keyer with the keyer swiych on the back in the ON position.

Thanks
Joe

[Non-text portions of this message have been removed]

Back to top <#toc> Reply to sender Reply to group Reply via web post
Messages in this topic (2) 2b. Re: tune button Posted by: "Dave Gmail" ve3wej@... ve3wej
Mon Jun 18, 2012 12:28 pm (PDT)

Hi I never remembered using this so I thought I would try it.

Mine keys full output, no sidetone (I may have it turned off), did not need
a key, I used the send button.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto: TS-850_450_690@yahoogroups.com]
On Behalf Of Joe Cotignola
Sent: June-18-12 11:20 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] tune button

Clear DaySubject: tune button

thanks for the replies...the Tune button I am referring to is on the numeric
keypad above the CLR button.
Problem is that when I press it I expected to get a low power signal so I
zero the SWR with my antenna tuner, but nothing happens.
AM I missing a setting somewhere, some other function that needs to be
enabled ?
I am using an Iambic paddle for the built-in keyer with the keyer swiych on
the back in the ON position.

Thanks
Joe

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

Back to top <#toc> Reply to sender Reply to group Reply via web post
Messages in this topic (2) Recent Activity * 3 * New Members *
Visit Your Group Drive Traffic Sponsored Search
can help increase
your site traffic.
Y! Groups blog The place to go
to stay informed
on Groups news!
Dog Fanatics on Yahoo! Groups
Find people who are
crazy about dogs.
Need to Reply? Click one of the "Reply" links to respond to a specific message in the Daily
Digest.
Create New Topic Visit Your Group on the Web Messages Files Photos Links Database Polls
Members Calendar THANKS FOR USING TS-850_450_690@...
Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Individual Switch format to Traditional
Visit Your Group Yahoo! Groups Terms of Use Unsubscribe

11424. cat control

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-21 01:16:55 UTC
From: mark
Topic: 11424 Message: 11424

anybody can recommend a good cat control for the kenwood ts 450 sat other than ham radio delux ?
thanks
mark
2w0rmr

11425. Re: [TS-850_450_690] cat control

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-21 04:40:00 UTC
From: Tom Osborne
Topic: 11424 Message: 11425

On 6/20/2012 6:16 PM, mark wrote:
>
> anybody can recommend a good cat control for the kenwood ts 450 sat
> other than ham radio delux ?
> thanks
> mark
> 2w0rmr
>
Go to Ebay and do a search for G4ZLP. He makes some really good CAT cables and they are reasonably priced. I purchased 3 of them here - 2 for my Kenwood TS-450's and 1 for a Yaesu.

You can also Google 'ZLP Electronics. 73
Tom W7WHY

11426. Re: [TS-850_450_690] cat control

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-21 05:19:53 UTC
From: Chuck Goelz
Topic: 11424 Message: 11426

Mark,

The DXLab Suite (free, and always will be) provides a full suite of programs that all operate independently, but also inter-operate and communicate with each other to provide a complete ham radio package geared toward DX activities. In its entirety it provides rig control, logging, award tracking, propagation forecasting , callbook lookups, QSL card or label generation, uploads to LOTW, EQSL and ClubLog, rotor control, digital modes (PSK, RTTY, CW, and can interoperate with other digital programs), spot analysis (with needed stations highlighted), etc.

The rig control program is called Commander and can be used stand-alone. But with such a wonderful suite of programs, you will likely want to utilize others (if not all of them). The suite was created by Dave, AA6YQ about 12 years ago and is continually enhanced to track user needs. Support is provided through an email reflector, and Dave personally addresses most questions personally within 24 hours. Actually, his goal is to actually FIX a reported defect within 24 hours.

I use the suite with my TS-450SAT, and my TS-440SAT. But it supports just about any rig that can be interfaced to a PC.

Check it out at http://www.dxlabsuite.com/ . Good luck!

Chuck, WA3CEJ
*

*
On 6/20/2012 9:16 PM, mark wrote:
>
> anybody can recommend a good cat control for the kenwood ts 450 sat
> other than ham radio delux ?
> thanks
> mark
> 2w0rmr
>
>

[Non-text portions of this message have been removed]

11427. RE: [TS-850_450_690] cat control

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-21 19:24:04 UTC
From: Dave Gmail
Topic: 11424 Message: 11427

If you are referring to software to interface with the radio, or the interface itself.

If you already have the interface then it really depends on how you want to control it

Several software makers (free and the others) interface with the radio. Rtty programs jt65 programs, logging programs. So it really depends on what you prefer to do..

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of mark
Sent: June-20-12 9:17 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] cat control

anybody can recommend a good cat control for the kenwood ts 450 sat other than ham radio delux ?
thanks
mark
2w0rmr

THANKS FOR USING TS-850_450_690@...! Groups Links

11428. Amp Cord for Kenwood TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-24 02:49:06 UTC
From: n0oer
Topic: 11428 Message: 11428

I would like to find out where i can get a cord so I can run my amp with my TS-450. I understand that I probally could make one but being sight impared I would rather not attempt that feat. TIA

11429. Re: [TS-850_450_690] Amp Cord for Kenwood TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-24 04:50:52 UTC
From: Daniel Raney
Topic: 11428 Message: 11429

Ebay ....about $25......one seller is CW-MAN

-----Original Message-----
From: n0oer <n0oer@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Sat, Jun 23, 2012 9:10 pm
Subject: [TS-850_450_690] Amp Cord for Kenwood TS-450

I would like to find out where i can get a cord so I can run my amp with my
S-450. I understand that I probally could make one but being sight impared I
ould rather not attempt that feat. TIA

THANKS FOR USING TS-850_450_690@...! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

11430. Re: [TS-850_450_690] Amp Cord for Kenwood TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-24 06:37:40 UTC
From: David Struebel
Topic: 11428 Message: 11430

There are several sellers on Ebay that have them, just do a search on
"Kenwood amplifier cable"

Here is one as an example

http://www.ebay.com/itm/Kenwood-TS-830-TS-830S-Amplifier-Relay-Cable-With-ALC-/380447701394?pt=US_Radio_Comm_Coaxial_Cables_Connectors&hash=item5894733992#ht_2991wt_1185

Dave WB2FTX

----- Original Message -----
From: "n0oer" <n0oer@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, June 23, 2012 10:49 PM
Subject: [TS-850_450_690] Amp Cord for Kenwood TS-450

>I would like to find out where i can get a cord so I can run my amp with my
>TS-450. I understand that I probally could make one but being sight
>impared I would rather not attempt that feat. TIA
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.2180 / Virus Database: 2437/5089 - Release Date: 06/23/12
>

11431. Looking to buy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-24 13:48:52 UTC
From: David Rust
Topic: 11431 Message: 11431

I'm looking to buy probably this week a TS450s or 850 if the price is right. You can email me off
list.
dlrust@...

Thanks 73 Dave

[Non-text portions of this message have been removed]

11432. Wanting TS-450s or 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-24 17:31:46 UTC
From: David
Topic: 11432 Message: 11432

I am planning on buying a TS450s or 850s this week. Anyone have something for sale?
You can email me off list dlrust@...

Hope this is a permissible posting.
Dave W0DLR

11433. Re: [TS-850_450_690] Amp Cord for Kenwood TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-24 14:28:32 UTC
From: Eugene Douglas
Topic: 11428 Message: 11433

Thanks all that replied to my message.

Gene Douglas NØOER 10-10# 76114

>_____
> From: David Struebel <wb2ftx@optonline.net>
>To: TS-850_450_690@yahoogroups.com
>Sent: Sunday, June 24, 2012 1:37 AM
>Subject: Re: [TS-850_450_690] Amp Cord for Kenwood TS-450
>
>
>
>
>
>There are several sellers on Ebay that have them, just do a search on
>"Kenwood amplifier cable"
>
>Here is one as an example
>
>http://www.ebay.com/itm/Kenwood-TS-830-TS-830S-Amplifier-Relay-Cable-With-ALC-/380447701394?pt=US_Radio_Comm_Coaxial_Cables_Connectors&hash=item5894733992#ht_2991wt_1185
>
>Dave WB2FTX
>
>----- Original Message -----
>From: "n0oer" <mailto:n0oer%40yahoo.com>
>To: <mailto:TS-850_450_690%40yahoogroups.com>
>Sent: Saturday, June 23, 2012 10:49 PM
>Subject: [TS-850_450_690] Amp Cord for Kenwood TS-450
>
>>I would like to find out where i can get a cord so I can run my amp with my
>>TS-450. I understand that I probally could make one but being sight
>>impared I would rather not attempt that feat. TIA
>>
>>
>>
>> ------------------------------------
>>
>> THANKS FOR USING mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo! Groups Links
>>
>>
>>
>>
>>
>>
>> -----

>> No virus found in this message.
>> Checked by AVG - http://www.avg.com/
>> Version: 2012.0.2180 / Virus Database: 2437/5089 - Release Date: 06/23/12
>>
>
>
>
>
>

[Non-text portions of this message have been removed]

11435. TS-690 does not power all the way up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-26 21:41:29 UTC
From: Tim
Topic: 11435 Message: 11435

Traded for a ts690 not in my hands just yet but traded for it as is..Here is what it does when you power it up:Filter selection lights come on, and the LED backlight comes on, that's it. Give it a few minutes, and either it will turn on on it's own, or cycle the power button a few times. If it doesn't transmit when it comes up, then put a finger on the A=B button (full reset), and cycle the power button again. When it starts, it will come up on 14.000, and run fine.
Does this sound like a leaky battery or pll unlock issue?Thanks

11436. RE: [TS-850_450_690] TS-690 does not power all the way up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-27 01:43:23 UTC
From: Dave Gmail
Topic: 11435 Message: 11436

Battery is only for memory backup, as far as I know, so I would say not dead battery, leaky, you can only tell that, but I don't kln ow its location, so I don't know if it would have the issue like the 850.

Almost sounds like a cap not working right away, and causing power to not get to where it needs to.

Pll unlock usually causes the display to blank or "go to the dots" as in the 440, and say UL in cw, and the display, or some indicator (check the manual)

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Tim
Sent: June-26-12 5:41 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-690 does not power all the way up

Traded for a ts690 not in my hands just yet but traded for it as is..Here is what it does when you power it up:Filter selection lights come on, and the LED backlight comes on, that's it. Give it a few minutes, and either it will turn on on it's own, or cycle the power button a few times. If it doesn't transmit when it comes up, then put a finger on the A=B button (full reset), and cycle the power button again. When it starts, it will come up on 14.000, and run fine.
Does this sound like a leaky battery or pll unlock issue?Thanks

---

THANKS FOR USING TS-850_450_690@...! Groups Links

11438. Re: TS-690 does not power all the way up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-27 03:38:40 UTC
From: Tim
Topic: 11435 Message: 11438

I'll check the memory battery it may be leaking causing some trace damage,Or as you said a bad cap somewhere..

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Battery is only for memory backup, as far as I know, so I would say not dead
> battery, leaky, you can only tell that, but I don't kln ow its location, so
> I don't know if it would have the issue like the 850.
>
>
> Almost sounds like a cap not working right away, and causing power to not
> get to where it needs to.
>
>
> Pll unlock usually causes the display to blank or "go to the dots" as in the
> 440, and say UL in cw, and the display, or some indicator (check the manual)
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Tim
> Sent: June-26-12 5:41 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-690 does not power all the way up
>
> Traded for a ts690 not in my hands just yet but traded for it as is..Here is
> what it does when you power it up:Filter selection lights come on, and the
> LED backlight comes on, that's it. Give it a few minutes, and either it will
> turn on on it's own, or cycle the power button a few times. If it doesn't
> transmit when it comes up, then put a finger on the A=B button (full reset),
> and cycle the power button again. When it starts, it will come up on 14.000,
> and run fine.
> Does this sound like a leaky battery or pll unlock issue?Thanks
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11439. Re: TS-690 does not power all the way up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-27 10:49:43 UTC
From: t95lwg,dk2gm,ki4uqu,k4mdx,e79dx
Topic: 11435 Message: 11439

my ts690 does not power at all any more,two days ago started to go off and on for a half sec and then just turns off from him self and can not turn on any more...??? any sugestions ?

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
> I'll check the memory battery it may be leaking causing some trace damage,Or as you said a bad cap somewhere..
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > Battery is only for memory backup, as far as I know, so I would say not dead
> > battery, leaky, you can only tell that, but I don't kln ow its location, so
> > I don't know if it would have the issue like the 850.
> > >
> > >
> > > Almost sounds like a cap not working right away, and causing power to not
> > > get to where it needs to.
> > >
> > >
> > > Pll unlock usually causes the display to blank or "go to the dots" as in the
> > > 440, and say UL in cw, and the display, or some indicator (check the manual)
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of Tim
> > > Sent: June-26-12 5:41 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-690 does not power all the way up
> > >
> > > Traded for a ts690 not in my hands just yet but traded for it as is..Here is
> > > what it does when you power it up:Filter selection lights come on, and the
> > > LED backlight comes on, that's it. Give it a few minutes, and either it will
> > > turn on on it's own, or cycle the power button a few times. If it doesn't
> > > transmit when it comes up, then put a finger on the A=B button (full reset),
> > > and cycle the power button again. When it starts, it will come up on 14.000,
> > > and run fine.
> > > Does this sound like a leaky battery or pll unlock issue?Thanks
> > >
> > >
> > >
> > > ------------------------------------
> > >

> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

11440. RE: [TS-850_450_690] Re: TS-690 does not power all the way up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-27 19:44:04 UTC
From: Dave Gmail
Topic: 11435 Message: 11440

Have you verified your power supply is not at fault, maybe the regul;ator quit (was quitting) and this will cause the radio to not power up. It should have nothing to do with memory backup battery for powering up

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of t95lwg,dk2gm,ki4uqu,k4mdx,e79dx
Sent: June-27-12 6:50 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-690 does not power all the way up

my ts690 does not power at all any more,two days ago started to go off and on for a half sec and then just turns off from him self and can not turn on any more...??? any sugestions ?

--- In TS-850_450_690@yahoogroups.com, "Tim" <tim_luvs_dawn@...> wrote:
>
> I'll check the memory battery it may be leaking causing some trace damage,Or as you said a bad cap somewhere..
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > Battery is only for memory backup, as far as I know, so I would say
> > not dead battery, leaky, you can only tell that, but I don't kln ow
> > its location, so I don't know if it would have the issue like the 850.
> > >
> > >
> > > Almost sounds like a cap not working right away, and causing power
> > > to not get to where it needs to.
> > >
> > >
> > > Pll unlock usually causes the display to blank or "go to the dots"
> > > as in the 440, and say UL in cw, and the display, or some indicator
> > > (check the manual)
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com
> > > [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of Tim
> > > Sent: June-26-12 5:41 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-690 does not power all the way up
> > >
> > > Traded for a ts690 not in my hands just yet but traded for it as

> > is..Here is what it does when you power it up:Filter selection
> > lights come on, and the LED backlight comes on, that's it. Give it a
> > few minutes, and either it will turn on on it's own, or cycle the
> > power button a few times. If it doesn't transmit when it comes up,
> > then put a finger on the A=B button (full reset), and cycle the
> > power button again. When it starts, it will come up on 14.000, and run
fine.
> > Does this sound like a leaky battery or pll unlock issue?Thanks
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

THANKS FOR USING TS-850_450_690@...! Groups Links

11441. Re: TS-690 does not power all the way up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-29 12:47:30 UTC
From: Tim
Topic: 11435 Message: 11441

Here is a short video clip of what the 450 is doing keep in mind that i have verified that the issue is on the control unit that holds the battery for memory back up,we switched boards from a known working unit..But here is what it's doing..A picture worth a thousand words so a video must be even better..I have looked and see no signs of bad solder joints no swelled caps etc..see what you think.
http://youtu.be/ijcFDIbROVk

11442. Kenwood AT-300 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-06-30 22:31:12 UTC
From: n0oer
Topic: 11442 Message: 11442

I am looking to buy a AT-300 antenna tuner for my Kenwood TS-690. If anyone has one for sale or trade please let me know. TIA

11443. Re: [TS-850_450_690] Kenwood AT-300 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-01 13:03:38 UTC
From: Crownhaven
Topic: 11442 Message: 11443

Good luck. I have seen about two of them for sale in the last 10 years or so. There was one about six months ago on QTH.NET. I would just start random Google searches. I happened upon one a couple of years ago, NIB. They are nice pieces of gear.

Steve, N4JQQ

On 6/30/2012 5:31 PM, n0oer wrote:
>
> I am looking to buy a AT-300 antenna tuner for my Kenwood TS-690. If
> anyone has one for sale or trade please let me know. TIA
>
>

[Non-text portions of this message have been removed]

11444. ALC Voltage

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-05 01:27:45 UTC
From: Tim
Topic: 11444 Message: 11444

I have a ts 690s and the rig works great but i see the alc go to full scale and decided to do a few tests and have found per the service manual that i should only see 2.5 volts on the alc test point pin 7 of cn-1 in the rf unit but i see 7.64 volts and vr14 has no effect at all and i think this is why my alc meter pegs with just a whisper.Any ideas or anyone else ever seen this issue?The rig gets great audio reports and puts out full power on all bands.Just the alc voltage is outta whack..Thanks

11445. I need the small circuit board so I can plug in my solder-in yk-88s filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-06 01:48:48 UTC
From: Doug
Topic: 11445 Message: 11445

I bought a used yk-88s filter for my ts-450 but oops, got the solder in version. I don't have the mojo to pull up the rf board to solder it in so I'm looking for the small pcb that's used to let me plug in my filter instead.
Do you have one?
73
Doug
k7kw

11446. Re: [TS-850_450_690] I need the small circuit board so I can plug in my solder-in yk-88s filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-06 03:09:39 UTC
From: Tom Osborne
Topic: 11445 Message: 11446

On 7/5/2012 6:48 PM, Doug wrote:
>
> I bought a used yk-88s filter for my ts-450 but oops, got the solder
> in version. I don't have the mojo to pull up the rf board to solder it
> in so I'm looking for the small pcb that's used to let me plug in my
> filter instead.
> Do you have one?
> 73
> Doug
> k7kw
>
Hi Doug

If you don't find the board, I used a real small piece of coax on each end of the filter soldered to the pins on the plug. Seems to work OK. 73
Tom W7WHY

11447. Re: I need the small circuit board so I can plug in my solder-in yk-88s filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-06 04:03:55 UTC
From: Doug
Topic: 11445 Message: 11447

OK, I like that idea. Thanks Tom
Doug

--- In TS-850_450_690@...m, Tom Osborne <w7why@...> wrote:
>
> On 7/5/2012 6:48 PM, Doug wrote:
> >
> > I bought a used yk-88s filter for my ts-450 but oops, got the solder
> > in version. I don't have the mojo to pull up the rf board to solder it
> > in so I'm looking for the small pcb that's used to let me plug in my
> > filter instead.
> > Do you have one?
> > 73
> > Doug
> > k7kw
> >
> Hi Doug
>
> If you don't find the board, I used a real small piece of coax on each
> end of the filter soldered to the pins on the plug. Seems to work OK. 73
> Tom W7WHY
>

11449. Cable for AT-50 Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-09 02:03:41 UTC
From: n0oer
Topic: 11449 Message: 11449

I am looking for a cable that connects the Kenwood TS-50 to the AT 50 tuner. Anypne have one they want to get rid off or know where i can get one please let me know. TIA

Gene
N0OER

11450. Re: Cable for AT-50 Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-11 02:33:33 UTC
From: avvidclif
Topic: 11449 Message: 11450

Shows to ba available from Kenwood. PN E30-3145-05 $20.35

Clif

--- In TS-850_450_690@yahoogroups.com, "n0oer" <n0oer@...> wrote:
>
> I am looking for a cable that connects the Kenwood TS-50 to the AT 50 tuner. Anypne have one they want to get rid off or know where i can get one please let me know. TIA
>
>
> Gene
> N0OER
>

11451. the 850 today

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-11 09:49:36 UTC
From: Paul Manuel
Topic: 11449 Message: 11451

Hi all,

I had a TS-850SAT a few years ago but sold it. Recently unexpected expenses came up and I sold my Yaesu FT-950. Now I am shopping for another radio and will probably buy an 850 that is being sold locally. It is a 5-million serial number.

I wonder what are everyone's thoughts on the 850 today? I really wanted something other than another FT-950, even though they often sell for only $100 more than the 850. Is the 850 still a viable rig? How does it compare with, say, the Kenwood TS-870, which sometimes sells for around $800?

My personal thoughts are that the TS-850 is one of the best all-around rigs ever made. The FT-950 worked well but I never really developed much "affection" for it, if that makes any sense.

Anyway, I'd just like to get some opinions on the TS-850 and how good it really rates today.

73, Paul K4PDM

11452. Re: Cable for AT-50 Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-11 13:38:08 UTC
From: Eugene Douglas
Topic: 11449 Message: 11452

Thanks Cliff,

73,
Gene Douglas NØOER 10-10# 76114

[Non-text portions of this message have been removed]

11453. Re: the 850 today

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-11 17:16:39 UTC
From: John tf
Topic: 11449 Message: 11453

I was going to say check out http://www.sherweng.com/table.html
But for some unknown to me reason the Yeasu in not on the list .
The Kenwood seems to have one of the best reps. on air sound quality .
I have played the Yeasu but not enough to be able to give a good review .
Next would be looking on this http://www.rigpix.com/
John
KD0CAC

[Non-text portions of this message have been removed]

11454. TS-450SAT no tx on FM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-14 14:47:45 UTC
From: w4maa
Topic: 11454 Message: 11454

I looked back through all the post to see if I could find some information on this and came up with no additional info. The TS450 works fine on all other modes. SSB/AM/FSK/CW and receives FM but there is no ouput on FM. It shows it keys but no ouput or audio of any kind. I did the FM tx setting per the manual and still no dice. Has anyone else had this type of problem?

Bobby W4MAA

11455. Re: TS-450SAT no tx on FM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 00:01:24 UTC
From: MARK WALTON
Topic: 11454 Message: 11455

I have the exact problem with my 450S. Never tried to fix it. I work all CW and digi, so never missed it.

Mark

K3MRK

[Non-text portions of this message have been removed]

11456. Re: TS-450SAT no tx on FM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 00:49:00 UTC
From: w4maa
Topic: 11454 Message: 11456

It does work on all other modes. Looking at the service manual it looks like FM works by bypassing some of the IF section and uses a relay? to bypass the path for FM. I think it is real FM if the circuit is correct. I have not had time to look at the full schematic yet. I will see what I can figure out. Mark do you know if there is a simple alignment of the freq counter to actual frequency? I saw something about TC1 as a ref oscillator is a 20mhz set but I have little info on getting the frequency to match the readout. Seem to be about 20khz high rx on all bands and 21khz off on tx all bands.

Bobby W4MAA

--- In TS-850_450_690@yahoogroups.com, MARK WALTON <k3mrk1@...> wrote:
>
> I have the exact problem with my 450S. Never tried to fix it. I work all CW
> and digi, so never missed it.
>
> Mark
>
> K3MRK
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11457. Ts-850s keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 09:39:36 UTC
From: Paul Manuel
Topic: 11454 Message: 11457

I recently purchased a TS-850SAT and the CW keyer does not work. It either does nothing when enabled or constantly keys.

The 5V is going to each paddle connection and does go to ground when I key the paddle, but it has no effect--the keyer either does nothing or keys itself shortly after turn on and stays that way. The 5V is present even when the keyer keys itself, so the line from the paddle and the jack are not shorted.

Is there a common failure I could look for? Where is the keyer circuit located (I think on the IF board but not sure.)

thanks 73 Paul K4PDM

11458. RE: [TS-850_450_690] Ts-850s keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 17:32:19 UTC
From: Dave Gmail
Topic: 11454 Message: 11458

Did you change the slide switch on the rear of the radio, as stated in the manual?? Have you turned up the key speed as well

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Paul Manuel
Sent: July-17-12 5:40 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Ts-850s keyer

I recently purchased a TS-850SAT and the CW keyer does not work. It either does nothing when enabled or constantly keys.

The 5V is going to each paddle connection and does go to ground when I key the paddle, but it has no effect--the keyer either does nothing or keys itself shortly after turn on and stays that way. The 5V is present even when the keyer keys itself, so the line from the paddle and the jack are not shorted.

Is there a common failure I could look for? Where is the keyer circuit located (I think on the IF board but not sure.)

thanks 73 Paul K4PDM

THANKS FOR USING TS-850_450_690@...! Groups Links

11459. RE: [TS-850_450_690] Ts-850s keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 17:44:23 UTC
From: ik8vze
Topic: 11454 Message: 11459

check the connection on the plug and the keyer? what is the keyer? I can help you if Bencher by-1, they possess a simile.L 'only thing I recall to mind is to check the menu at # 24, key lsb / usb when pressed simultaneously press the power switch, it should be on location off defaults

the best 73 de ik8vze espedito

[Non-text portions of this message have been removed]

11460. RE: [TS-850_450_690] Ts-850s keyer

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 20:30:05 UTC
From: Paul Manuel
Topic: 11454 Message: 11460

Gentlemen thank you for the advice on my keyer.

What I am saying is that the input on the paddle side is OK, with 5 volts on each paddle that goes to 0 volts when the paddle is activated. But the internal keyer always either never keys, or keys with a constant tone as if a straight key were locked down. It does this with or without the paddle connected.

I need suggestions as to what could be wrong with the internal keyer as I have ruled out everything external.

73 Paul K4PDM

Sent from my Motorola ATRIX™ 4G on AT&T

-----Original message-----
From: ik8vze <ik8vze@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, Jul 17, 2012 17:44:19 GMT+00:00
Subject: RE: [TS-850_450_690] Ts-850s keyer

check the connection on the plug and the keyer? what is the keyer? I can help you if Bencher by-1, they possess a simile.L 'only thing I recall to mind is to check the menu at # 24, key lsb / usb when pressed simultaneously press the power switch, it should be on location off defaults

the best 73 de ik8vze espedito

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11461. Re: TS-450SAT no tx on FM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-17 23:25:10 UTC
From: MARK WALTON
Topic: 11454 Message: 11461

Bobby

I don't work on my radios much anymore. I've become more of an appliance operator the past few years. I think I have a service manual for the radio somewhere. I will check and see if there is any info.

Mark

K3MRK

[Non-text portions of this message have been removed]

11462. TS-850 Another Capacitor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-18 03:27:05 UTC
From: ve3xat
Topic: 11462 Message: 11462

Hey guys. I finished changing all the electrolytic capacitors in my TS-850 and found a bad one I thought I would share with you that could be a problem. C610 on the small digital board mounted in the power amp heatsink is a 22uF 10V 105C red Marcon capacitor. It read 0.89uF and had an ESR of 22.8 ohms! I know that is not good. There were several other small ones in the radio that were just starting to leak, you could see small black spots under them on the pcb. If your working in there you might want to check that one out. Good luck.
Mike
VE3XAT

P.S.
Took me 3 days to recap as I cleaned and lubed everything in there.
I think it was worthwhile as I love my 850.

11463. Re: TS-850 Another Capacitor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-19 07:56:50 UTC
From: Alex
Topic: 11462 Message: 11463

Mike

Hi, Same as you did, i replace all electrolytic capacitor on 3 unit of my brother's TS850 and TS450 & TS690, its worth the capacitor overhaul all will last for another 10yrs? Also i have a friend who owns a HP communication service monitor, i had the TS850 re checked all the internal calibration based on the service manual.

I found atleast 1 or 2 electrolytic caps thats is already leaking aside from the known common caps to leak (DDS board, Display and Audio caps). Around 100 capacitors all in all are change.

Hope others will do also on their loved TS850/450/690 that they want to keep and use more in the future.

73
Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "ve3xat" <ve3xat@...> wrote:
>
> Hey guys. I finished changing all the electrolytic capacitors in my TS-850 and found a bad one I thought I would share with you that could be a problem. C610 on the small digital board mounted in the power amp heatsink is a 22uF 10V 105C red Marcon capacitor. It read 0.89uF and had an ESR of 22.8 ohms! I know that is not good. There were several other small ones in the radio that were just starting to leak, you could see small black spots under them on the pcb. If your working in there you might want to check that one out. Good luck.
> Mike
> VE3XAT
>
> P.S.
> Took me 3 days to recap as I cleaned and lubed everything in there.
> I think it was worthwhile as I love my 850.
>

11464. Re: TS-850 Another Capacitor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-20 17:35:08 UTC
From: kicky
Topic: 11462 Message: 11464

--- In TS-850_450_690@yahoogroups.com, "ve3xat" <ve3xat@...> wrote:
>
> Hey guys. I finished changing all the electrolytic capacitors in my TS-850 and found a bad one I thought I would share with you that could be a problem. C610 on the small digital board mounted in the power amp heatsink is a 22uF 10V 105C red Marcon capacitor. It read 0.89uF and had an ESR of 22.8 ohms! I know that is not good. There were several other small ones in the radio that were just starting to leak, you could see small black spots under them on the pcb. If your working in there you might want to check that one out. Good luck.
> Mike
> VE3XAT
>
> P.S.
> Took me 3 days to recap as I cleaned and lubed everything in there.
> I think it was worthwhile as I love my 850.
>
Could you please tell me where the location of this digital board exactly??

11465. (no subject)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-20 15:47:26 UTC
From: kicky
Topic: 11465 Message: 11465

First I apologize for my bad English language..I am a HAM operator in a alnd with very high humidity abiut 85%.I have an 25 years old TS 850S,that is very rarely turned on.After many years I turn the radio on,and find some strange symtomps.First there is almost no power out on any mode,which is there again after warming up the radio.All power output in any mode seems to be ok now,exept in SSB.In SSB I get absolutely no power out,without turning the carier knob clockwise.(Zero output by Carier knob fully counterclockwise,exept if I switch the processor ON).I have replaced all leaked electrolyt caps in the carier unit,as Dave W6 OT,told us,but this symtom remains.I sometimes watch also that the cooling fan,first doesn't turn fast enough,by the transmit mode,but only at first...Now I see also that the build in antenna tuner doesn't function as well.It seems to be OK at the receive mode (with the thru/auto knob on),but at transmit mode it only works by certain position of the carier knob,is this normal..?Could somebody help me with this problem ?Btw I get only about 90 Watts,by full power.
Thank you so much from YB 3 RF-Kicky,East Java Indonesia.

11466. Re: TS-850 Another Capacitor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-20 19:22:38 UTC
From: ve3xat
Topic: 11462 Message: 11466

--- In TS-850_450_690@yahoogroups.com, "kicky" <yb3rf@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "ve3xat" <ve3xat@> wrote:
> >
> > Hey guys. I finished changing all the electrolytic capacitors in my TS-850 and found a bad one I thought I would share with you that could be a problem. C610 on the small digital board mounted in the power amp heatsink is a 22uF 10V 105C red Marcon capacitor. It read 0.89uF and had an ESR of 22.8 ohms! I know that is not good. There were several other small ones in the radio that were just starting to leak, you could see small black spots under them on the pcb. If your working in there you might want to check that one out. Good luck.
> > Mike
> > VE3XAT
> >
> > P.S.
> > Took me 3 days to recap as I cleaned and lubed everything in there.
> > I think it was worthwhile as I love my 850.
> >
> Could you please tell me where the location of this digital board exactly??
>
If you have the TS-850 service manual on pages 129-130. It is the small board on the top middle. On the top left hand corner of the PCB you will see 3 capacitors(C608, C610, C607). It is the middle one. This board is mounted beside the power amplifier(final unit). Inside the heatsink assembly, Page 93 shows it well (digital X46-308)D/4. Good luck!
Mike

11467. Have a S 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-22 18:34:59 UTC
From: Michael in Suffolk
Topic: 11467 Message: 11467

I had a TS 450 SAT and sold it a big mistak on my part, ittook sometime to comeack to the tx in the end I got the 690 and thats ven beter wih 6 on t, hate these rigs with this yllow display, als hate rd displys do you, kep it real re meters and as near as normal displays. Mike M3emb Essex Englad.

[Non-text portions of this message have been removed]

11468. TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-22 21:13:26 UTC
From: n5tog
Topic: 11468 Message: 11468

Does any one have a list of all the capacitors that it would take to do a early 850 10 mil # the complete radio? may be some one has a kit of all caps. or where to buy.. I also have a ts 850 like new, i have had it 2 yrs was never used and works flaw less its a 61 mil number should i ? check or re cap it also or did they have that prob fixed by that late serial number, Thanks Harold n5tog

11469. RE: [TS-850_450_690] TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-22 21:27:21 UTC
From: Chris Niehaus
Topic: 11468 Message: 11469

harold, there are 10 caps on the CAR board that are 16v / 10uF . then 1 on that is 16v /47uF. then on the display board there is 1 that is 16v /470uF lead type. all others are smd's and electrolitic.
mouser ele. Has all
73,s de AB9QB
-----Original Message-----
Date: Sunday, July 22, 2012 5:13:33 pm
To: TS-850_450_690@yahoogroups.com
From: "n5tog" <n5tog@...>
Subject: [TS-850_450_690] TS 850 capacitors

Does any one have a list of all the capacitors that it would take to do a early 850 10 mil # the complete radio? may be some one has a kit of all caps. or where to buy.. I also have a ts 850 like new, i have had it 2 yrs was never used and works flaw less its a 61 mil number should i ? check or re cap it also or did they have that prob fixed by that late serial number, Thanks Harold n5tog

11470. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-23 02:51:42 UTC
From: kb1kox
Topic: 11468 Message: 11470

http://www.ebay.com/itm/Kenwood-TS-850S-HF-Trans-Capacitor-Replacement-Kit-/130720173636?pt=US_Ham_Radio_Transceivers&hash=item1e6f878e44

--- In TS-850_450_690@yahoogroups.com, "Chris Niehaus" <ab9qb@...> wrote:
>

>

11471. Re: Have a Kenwood TS 690 - typing problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-23 08:37:08 UTC
From: Michael in Suffolk
Topic: 11471 Message: 11471

Hi All. Sorry for the typing problems, the set up here is wireless keyboard and the batteries were running down, hope you could read some of what. Mike M3emb.

[Non-text portions of this message have been removed]

11472. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-23 12:02:15 UTC
From: John tf
Topic: 11468 Message: 11472

I 1st found a list & source at ebay ,

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130569838943&category=4674&_trksid=p5197.c0.m619#ht_831wt_1115

John
KD0CAC

[Non-text portions of this message have been removed]

11473. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-23 12:28:03 UTC
From: avvidclif
Topic: 11468 Message: 11473

That kit replaces all the surface mount with thru hole??? Just FYI

Clif

--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>
> I 1st found a list & source at ebay ,
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130569838943&category=4674&_trksid=p5197.c0.m619#ht_831wt_1115
>
> John
> KD0CAC
>
>
> [Non-text portions of this message have been removed]
>

11474. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-23 22:36:43 UTC
From: birchardvilleobservatory
Topic: 11468 Message: 11474

The extended description of the capacitor kit says it includes replacements for all the capacitors in the radio, NOT including the external power supply and NOT including the SMD capacitors from the carrier board.

Dan AA3LS

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> That kit replaces all the surface mount with thru hole??? Just FYI
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@> wrote:
> >
> > I 1st found a list & source at ebay ,
> >
> > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130569838943&category=4674&_trksid=p5197.c0.m619#ht_831wt_1115
> >
> > John
> > KD0CAC
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11475. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-23 23:14:01 UTC
From: avvidclif
Topic: 11468 Message: 11475

I missed that, problem is the Car caps are the ones most likely needing replacement plus the display cap C18, and the audio out cap C182. Oh well...

Clif

--- In TS-850_450_690@yahoogroups.com, "birchardvilleobservatory" <birchardvilleobservatory@...> wrote:
>
> The extended description of the capacitor kit says it includes replacements for all the capacitors in the radio, NOT including the external power supply and NOT including the SMD capacitors from the carrier board.
>
> Dan AA3LS
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > That kit replaces all the surface mount with thru hole??? Just FYI
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@> wrote:
> > >
> > > I 1st found a list & source at ebay ,
> > >
> > > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130569838943&category=4674&_trksid=p5197.c0.m619#ht_831wt_1115
> > >
> > > John
> > > KD0CAC
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

11476. Re: [TS-850_450_690] Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-24 12:08:45 UTC
From: John tf
Topic: 11468 Message: 11476

The kit on top is the one I bought and it did include the SMD caps , I
installed those almost 2 yrs ago .
Maybe send a email to the seller .
Or with the list , go to your local electrical supply house .
Also I saw lots of info suggesting upgrading caps , higher voltage & temp ,
but same capacitance .
John
KD0CAC
73

On Mon, Jul 23, 2012 at 6:14 PM, avvidclif <clif@avvid.com> wrote:

> **
>
>
> I missed that, problem is the Car caps are the ones most likely needing
> replacement plus the display cap C18, and the audio out cap C182. Oh well...
>
> Clif
>
>
> --- In TS-850_450_690@...m, "birchardvilleobservatory"
> <birchardvilleobservatory@...> wrote:
> >
> > The extended description of the capacitor kit says it includes
> replacements for all the capacitors in the radio, NOT including the
> external power supply and NOT including the SMD capacitors from the carrier
> board.
> >
> > Dan AA3LS
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > That kit replaces all the surface mount with thru hole??? Just FYI
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@> wrote:
> > > >
> > > > I 1st found a list & source at ebay ,
> > > >
> > > >
> > > > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130569838943&category=4674&_trksid=p5
197.c0.m619#ht_831wt_1115
> > > >

> > > > John
> > > > KD0CAC
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

11477. Re: TS-850 Another Capacitor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-24 11:10:28 UTC
From: kicky
Topic: 11462 Message: 11477

--- In TS-850_450_690@yahoogroups.com, "ve3xat" <ve3xat@...> wrote:
>
> Hey guys. I finished changing all the electrolytic capacitors in my TS-850 and found a bad one I thought I would share with you that could be a problem. C610 on the small digital board mounted in the power amp heatsink is a 22uF 10V 105C red Marcon capacitor. It read 0.89uF and had an ESR of 22.8 ohms! I know that is not good. There were several other small ones in the radio that were just starting to leak, you could see small black spots under them on the pcb. If your working in there you might want to check that one out. Good luck.
> Mike
> VE3XAT
>
> P.S.
> Took me 3 days to recap as I cleaned and lubed everything in there.
> I think it was worthwhile as I love my 850.
>
I have an 25 years old Ts 850 S,after years with very rarely in used(maybe only on 10 times).I get no SSB power out without turning the carier knob clockwise.There is absolutely NO power with it fully counter clockwise.Could anybody help me?Full power is only about 90 Watts,no more.The antenna tuner seems to be "lazy",it matches impedances ONLY near 50 Ohms...Thank You so much for your help YB3RF-Kicky,East Java Indonesia.

11479. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-07-25 01:34:11 UTC
From: bswadener
Topic: 11468 Message: 11479

It sounds like there's an opportunity to make some dough on a kit of capacitors that tend to go bad. We just need someone who knows what to order... ;-)

vy 73,
Bryan WA7PRC

Clif wrote:
>
> I missed that, problem is the Car caps are the ones most likely needing replacement plus the display cap C18, and the audio out cap C182. Oh well...
>
> Clif

11481. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-01 06:44:19 UTC
From: Steve C
Topic: 11468 Message: 11481

I'm about to do my capacitors in my 850 (20... serial number with old chips, hope they stay working). There is not much leakage that can be seen so I checked them plenty soon enough, just waiting for replacements to come in and building up my confidence in doing this. Watched a video, the guy makes it look easy anyway. The battery I will do some time later, it is not leaking anything and I didn't find any signs of any other problems anywhere...also the radio is working fine. I want to keep it that way!

11482. RE: [TS-850_450_690] Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-01 19:31:43 UTC
From: Dave Gmail
Topic: 11468 Message: 11482

The whole idea of replacing the battery is so that if it leaks, it is NOT going to destroy traqces on the board. While you have it apart, change its location, preventative is better than, shoulda coulda type repairs

Dave ve3wej/ve3ie

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Steve C
Sent: August-01-12 2:44 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS 850 capacitors

I'm about to do my capacitors in my 850 (20... serial number with old chips, hope they stay working). There is not much leakage that can be seen so I checked them plenty soon enough, just waiting for replacements to come in and building up my confidence in doing this. Watched a video, the guy makes it look easy anyway. The battery I will do some time later, it is not leaking anything and I didn't find any signs of any other problems anywhere...also the radio is working fine. I want to keep it that way!

THANKS FOR USING TS-850_450_690@...! Groups Links

11483. Re: TS 850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-02 15:38:42 UTC
From: Alex
Topic: 11468 Message: 11483

Steve

Hi, just a tip on replacing the capacitors. Before you start to remove those capacitors in each board, put a dot mark on top of each capacitor using a marker pen. This way you can identify which capacitor you already change and to be change. Or you can color code same value capacitor so when changing them you can change by same value one after the other value.

This is an additional task but at the end it will benefit you, changing 100+ capacitor is confusing along the way especially when your working few hours straight to finish it board by board.

I use this technique on changing capacitor on 3 units TS850, 1 unit TS450 and a TS690. Even i stop and become tired, i can still identify and track which capacitor is done and to be change. It work for me hope you give it a try.

73
Alex
DV1TBX
--- In TS-850_450_690o@yahoogroups.com, "Steve C" <karaokegod73@...> wrote:
>
> I'm about to do my capacitors in my 850 (20... serial number with old chips, hope they stay working). There is not much leakage that can be seen so I checked them plenty soon enough, just waiting for replacements to come in and building up my confidence in doing this. Watched a video, the guy makes it look easy anyway. The battery I will do some time later, it is not leaking anything and I didn't find any signs of any other problems anywhere...also the radio is working fine. I want to keep it that way!
>

11484. transistor - For the use of!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-02 14:46:19 UTC
From: alanstevenson753
Topic: 11484 Message: 11484

I hope this is not to much off subject. I have been given a number of the following transistors and really don't know what to do with them or what they could be use for.....
3 x 8703G
2 x 8727G
1 x 8725G
2 x 86-06G
As I said no idea what these power up to or what. Alan g6lsw.

11485. RE: [TS-850_450_690] transistor - For the use of!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-02 19:45:54 UTC
From: Dave Gmail
Topic: 11484 Message: 11485

I would check nte
http://nte01.nteinc.com/nte/NTExRefSemiProd.nsf/$$Search?OpenForm
and see if they cross reference to anything usefull

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of alanstevenson753
Sent: August-02-12 10:46 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] transistor - For the use of!!!

I hope this is not to much off subject. I have been given a number of the
following transistors and really don't know what to do with them or what
they could be use for.....
3 x 8703G
2 x 8727G
1 x 8725G
2 x 86-06G
As I said no idea what these power up to or what. Alan g6lsw.

THANKS FOR USING TS-850_450_690@...! Groups Links

11486. Re: transistor - For the use of!!!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-02 19:55:40 UTC
From: dsh_0403
Topic: 11484 Message: 11486

--- In TS-850_450_690@yahoogroups.com, "alanstevenson753" <alanstevenson753@...> wrote:
>
> I hope this is not to much off subject. I have been given a number of the following transistors and really don't know what to do with them or what they could be use for.....
> 3 x 8703G
> 2 x 8727G
> 1 x 8725G
> 2 x 86-06G
> As I said no idea what these power up to or what. Alan g6lsw.
>

This might be totally incorrect but those numbers might only be date codes. Normally I have only seen them on ICs but those figures look like year and week. Is it possible they are that old and are there any other markings or logos on them?

11487. TS 850 capacitor Replacement experience

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-03 15:02:21 UTC
From: Greg
Topic: 11487 Message: 11487

Can anyone suggest a strategy for a complete capacitor replacement in a TS-850? Assuming no obvious trouble spots (i.e. leakage), where should I start? Where should I end? How should any particular board be approached?

If you have undertaken this exercise, tell us about your experiences. Anything we should watch out for? Any tricky spots? Should any caps be just left alone? What worked for you, what didn't work?

Thanks and any advice would be appreciated.

Greg/VE3YTZ

11488. Re: transistor - K-I-S-S type of replys please.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-03 13:08:31 UTC
From: Alan Stevenson
Topic: 11488 Message: 11488

Re Transistors and links given, helpfull as the info maybe but to me it might just as well be geak talk all I need to know is RF power type - Amp power type - PSU type - what are they.
  I am a member of K-I-S-S and like those type of replys. Alan.

[Non-text portions of this message have been removed]

11490. TS-850 CW key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-03 16:36:01 UTC
From: jkadb@ymail.com
Topic: 11490 Message: 11490

Newly acquired TS-850S in the shack, I'm wondering what piece of key hardware to connect for CW? I think the keying electronics are built-in to the TS-850S, but I don't know what key to use or even what that key is called?

J

KJ6YVY

11491. Re: [TS-850_450_690] TS-850 CW key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-03 17:39:58 UTC
From: Bob Naylor
Topic: 11490 Message: 11491

Use a set of paddles from MFJ or Bencher. I think now around a 100 bux. The switch is on the back for either electronic keyer or straight key. The keyer speed control is on the front. You also have the amplifier relay switch on the back that you can turn off if you're not using an amp. With the relay off, you don't hear the relay "clicking" when keying. No use having that relay operating when it's not needed, especially when using QSK.
You will enjoy one of the best radios ever made! I've had mine for just about 20 years and have no desire to replace it!
73, Bob WE6C

--- On Fri, 8/3/12, jkadb@... <jkadb@...> wrote:

From: jkadb@... <jkadb@ymail.com>
Subject: [TS-850_450_690] TS-850 CW key
To: TS-850_450_690@yahoogroups.com
Date: Friday, August 3, 2012, 9:36 AM

Newly acquired TS-850S in the shack, I'm wondering what piece of key hardware to connect for CW? I think the keying electronics are built-in to the TS-850S, but I don't know what key to use or even what that key is called?

J

KJ6YVY

[Non-text portions of this message have been removed]

11492. Re: [TS-850_450_690] TS-850 CW key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-03 17:43:38 UTC
From: Bob Naylor
Topic: 11490 Message: 11492

J, Here's a link. I have this very same one and like it fine. A friend used it on field day and also liked it.73, Bob WE6C
http://www.mfjenterprises.com/Product.php?productid=MFJ-564

--- On Fri, 8/3/12, jkadb@... <jkadb@...> wrote:

From: jkadb@ymail.com <jkadb@...>
Subject: [TS-850_450_690] TS-850 CW key
To: TS-850_450_690@yahoogroups.com
Date: Friday, August 3, 2012, 9:36 AM

Newly acquired TS-850S in the shack, I'm wondering what piece of key hardware to connect for CW? I think the keying electronics are built-in to the TS-850S, but I don't know what key to use or even what that key is called?

J

KJ6YVY

[Non-text portions of this message have been removed]

11493. Re: [TS-850_450_690] TS 850 capacitor Replacement experience

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-03 21:29:35 UTC
From: Alan Riley
Topic: 11487 Message: 11493

Greg, I’m not sure a complete capacitor replacement is necessary.

These are the ones I’ve replaced on mine:
carrier board: all electrolytics (11)
display board: all electrolytics (3)
IF board: C167, C182, C184, and C187

73,
Alan, KD5R

From: Greg
Sent: Friday, August 03, 2012 10:02 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS 850 capacitor Replacement experience

Can anyone suggest a strategy for a complete capacitor replacement in
a TS-850? Assuming no obvious trouble spots (i.e. leakage), where
should I start? Where should I end? How should any particular board be
approached?

If you have undertaken this exercise, tell us about your experiences.
Anything we should watch out for? Any tricky spots? Should any caps be
just left alone? What worked for you, what didn't work?

Thanks and any advice would be appreciated.

Greg/VE3YTZ

[Non-text portions of this message have been removed]

11494. Re: TS 850 capacitor Replacement experience

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-04 12:22:14 UTC
From: Alex Barbon
Topic: 11487 Message: 11494

Greg

Hi, same on what i said to steve. I suggest to mark all capacitor to be replaced by a marker pen on top by a dot mark. With this you can track or follow your work what to change and what have already changed. Even you stop changing you can still continue without checking which is change and not.

I suggest you work 1 board at a time, mark all the connector you will remove so during re install you will not be confused where each connector goes. Carefull on removing the ribbon wire you may cut the trace. Another tip is you can take close up picture shot on each board as a back up, when you became confused on where those connectors were really plug in.

You will smell acid on a leaking capacitor when you desolder it. On my capacitor removal, i flood the 2 capacitor lead with solder lead when it both melt i pull the capacitor with a small long nose plier on the other side. Then proceed with a manual desoldering tool to clear the hole with solder lead or you may use desoldering wick also.

Take time in removing the capacitor its not an easy task, you need patience and time, also some technique. Along the way you will know how to remove it easilly as you go on. Remove one cap and resolder new one same value, with this you will not mistakenly solder wrong value at a wrong place.

I have done this to 3 unit TS850, so far after the change no problem encountered. Hope this helps.

73
Alex
DV1TBX

11495. Re: transistor - For the use of!!! - Put them in the trash.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-04 19:26:41 UTC
From: alanstevenson753
Topic: 11484 Message: 11495

Re transistor first put them in the bin reply was just crazy, they have gone to a guy in the US.
As for shape and size think of 2N3055.
The numbers I gave are not dates that is there ref numbers.
A bit of feed back - is - last stage of either RF power output,
A powerfull PSU, which ties up with the giver to me from a freecycle group was into making 50 amp psu, put them in the trash SIR that was a silly posting. As to KISS any idea as to what it stands for,
the K = Keep. g6lsw Alan.
--- In TS-850_450_690@yahoogroups.com, "dsh_0403" <kenwoodts850@...> wrote:
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "alanstevenson753" <alanstevenson753@> wrote:
> >
> > I hope this is not to much off subject. I have been given a number of the following transistors and really don't know what to do with them or what they could be use for.....
> > 3 x 8703G
> > 2 x 8727G
> > 1 x 8725G
> > 2 x 86-06G
> > As I said no idea what these power up to or what. Alan g6lsw.
> >
>
> This might be totally incorrect but those numbers might only be date codes. Normally I have only seen them on ICs but those figures look like year and week. Is it possible they are that old and are there any other markings or logos on them?
>

11496. Re: TS 850 capacitor Replacement experience

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-06 04:49:18 UTC
From: Steve C
Topic: 11487 Message: 11496

I wasn't going to replace every capacitor in the thing just the aluminum electolytics in the CAR unit. I did one but found myself uncomfortable with doing this. I am going to send it out to be done, and looked over by someone who knows how to find a problem.

--- In TS-850_450_690@yahoogroups.com, Alex Barbon <a.barbon@...> wrote:
>
> Greg
>
> Hi, same on what i said to steve. I suggest to mark all capacitor to
> be replaced by a marker pen on top by a dot mark. With this you can
> track or follow your work what to change and what have already
> changed. Even you stop changing you can still continue without
> checking which is change and not.
>
> I suggest you work 1 board at a time, mark all the connector you will
> remove so during re install you will not be confused where each
> connector goes. Carefull on removing the ribbon wire you may cut the
> trace. Another tip is you can take close up picture shot on each
> board as a back up, when you became confused on where those connectors
> were really plug in.
>
> You will smell acid on a leaking capacitor when you desolder it. On my
> capacitor removal, i flood the 2 capacitor lead with solder lead when
> it both melt i pull the capacitor with a small long nose plier on the
> other side. Then proceed with a manual desoldering tool to clear the
> hole with solder lead or you may use desoldering wick also.
>
> Take time in removing the capacitor its not an easy task, you need
> patience and time, also some technique. Along the way you will know
> how to remove it easilly as you go on. Remove one cap and resolder
> new one same value, with this you will not mistakenly solder wrong
> value at a wrong place.
>
> I have done this to 3 unit TS850, so far after the change no problem
> encountered. Hope this helps.
>
> 73
> Alex
> DV1TBX
>

11497. TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 16:18:02 UTC
From: pauldebono@rocketmail.com
Topic: 11497 Message: 11497

I would like to extend my TS850 for 6m, 2m, and/or 70cm
Would like to know what is available on the market, please

11498. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 17:52:10 UTC
From: Crownhaven
Topic: 11497 Message: 11498

Basically, Downeast Microwave, US company, unless you want to buy high-end German stuff. You can buy common IF units now which makes life much easier. They are probably going to run you in the neighborhood of $500 for the six meter unit and $600 for the two and 432 units. Add $75 to each one for common IF. You don't want split IF. $200 - $300 each for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps and your in business. :)))))) Oooops. Forgot the Heliax. Depends on the length of your run.

You might be better off buying a used FT-736 or an Icom 9410????? I think that is the one.

http://www.downeastmicrowave.com/cat-frame.htm

Steve, N4JQQ

On 8/7/2012 11:18 AM, pauldebono@... wrote:
>
> I would like to extend my TS850 for 6m, 2m, and/or 70cm
> Would like to know what is available on the market, please
>
>

[Non-text portions of this message have been removed]

11499. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 18:14:38 UTC
From: Zack Widup
Topic: 11497 Message: 11499

Also, DEMI makes the TIB-850 which is a transverter interface for the TS-850. There are some tricks to making a transverter interface for the rig if you want to use it on HF, too. There are a couple things I don't like about the design but it works quite well.

73, Zack W9SZ

On Tue, Aug 7, 2012 at 12:52 PM, Crownhaven <crownhaven@...>wrote:

> **
>
>
> Basically, Downeast Microwave, US company, unless you want to buy
> high-end German stuff. You can buy common IF units now which makes life
> much easier. They are probably going to run you in the neighborhood of
> $500 for the six meter unit and $600 for the two and 432 units. Add $75
> to each one for common IF. You don't want split IF. $200 - $300 each
> for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps
> and your in business. :)))))) Oooops. Forgot the Heliax. Depends on
> the length of your run.
>
> You might be better off buying a used FT-736 or an Icom 9410????? I
> think that is the one.
>
> http://www.downeastmicrowave.com/cat-frame.htm
>
> Steve, N4JQQ
>
>
> On 8/7/2012 11:18 AM, pauldebono@... wrote:
> >
> > I would like to extend my TS850 for 6m, 2m, and/or 70cm
> > Would like to know what is available on the market, please
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11500. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 18:46:28 UTC
From: Crownhaven
Topic: 11497 Message: 11500

I have a TIB-850 which I used before DEMI came up with the common IF.
They aren't making them anymore to the best of my knowledge. Virtually
impossible to use with more than one transverter. There just isn't any
reason to buy one with a split IF on these bands that I can think of.

The TIB box was nice. You flipped it one way for your transverter and
the other for HF.

Steve, N4JQQ

On 8/7/2012 1:14 PM, Zack Widup wrote:
> Also, DEMI makes the TIB-850 which is a transverter interface for the
> TS-850. There are some tricks to making a transverter interface for the rig
> if you want to use it on HF, too. There are a couple things I don't like
> about the design but it works quite well.
>
> 73, Zack W9SZ
>
>
> On Tue, Aug 7, 2012 at 12:52 PM, Crownhaven<crownhaven@...>wrote:
>
>
>> **
>>
>>
>> Basically, Downeast Microwave, US company, unless you want to buy
>> high-end German stuff. You can buy common IF units now which makes life
>> much easier. They are probably going to run you in the neighborhood of
>> $500 for the six meter unit and $600 for the two and 432 units. Add $75
>> to each one for common IF. You don't want split IF. $200 - $300 each
>> for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps
>> and your in business. :))))) Oooops. Forgot the Heliax. Depends on
>> the length of your run.
>>
>> You might be better off buying a used FT-736 or an Icom 9410????? I
>> think that is the one.
>>
>> http://www.downeastmicrowave.com/cat-frame.htm
>>
>> Steve, N4JQQ
>>
>>
>> On 8/7/2012 11:18 AM, pauldebono@... wrote:
>>
>>> I would like to extend my TS850 for 6m, 2m, and/or 70cm
>>> Would like to know what is available on the market, please

>>>
>>>
>>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>

11501. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 18:20:10 UTC
From: Larry Banks
Topic: 11497 Message: 11501

Or a Kenwood TS-2000 and get a more modern transceiver than the 850.

73 -- Larry -- W1DYJ

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Cc: pauldebono@...
Sent: Tuesday, August 07, 2012 1:52 PM
Subject: Re: [TS-850_450_690] TS850 Transverters

Basically, Downeast Microwave, US company, unless you want to buy high-end German stuff. You can buy common IF units now which makes life much easier. They are probably going to run you in the neighborhood of $500 for the six meter unit and $600 for the two and 432 units. Add $75 to each one for common IF. You don't want split IF. $200 - $300 each for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps and your in business. :)))))) Oooops. Forgot the Heliax. Depends on the length of your run.

You might be better off buying a used FT-736 or an Icom 9410????? I think that is the one.

http://www.downeastmicrowave.com/cat-frame.htm

Steve, N4JQQ

On 8/7/2012 11:18 AM, pauldebono@... wrote:
>
> I would like to extend my TS850 for 6m, 2m, and/or 70cm
> Would like to know what is available on the market, please
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11502. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 21:08:01 UTC
From: Maximo Coltro
Topic: 11497 Message: 11502

You can to use the TS850SAT with SSB Electronic transverters, LT6S, LT2S and LT70S and if you want one LT23S for 1296 mhz with 28 Mhz FI...
And please, don't compare one TS850 with a transverter with one TS2000....

Saludos cordiales. Máximo. EA7FGJ. IM67XI.

De: Larry Banks <larryb.w1dyj@...>
Para: TS-850_450_690@yahoogroups.com
Enviado: Martes 7 de agosto de 2012 20:20
Asunto: Re: [TS-850_450_690] TS850 Transverters

Or a Kenwood TS-2000 and get a more modern transceiver than the 850.

73 -- Larry -- W1DYJ

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Cc: pauldebono@...
Sent: Tuesday, August 07, 2012 1:52 PM
Subject: Re: [TS-850_450_690] TS850 Transverters

Basically, Downeast Microwave, US company, unless you want to buy high-end German stuff. You can buy common IF units now which makes life much easier. They are probably going to run you in the neighborhood of $500 for the six meter unit and $600 for the two and 432 units. Add $75 to each one for common IF. You don't want split IF. $200 - $300 each for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps and your in business. :)))))) Oooops. Forgot the Heliax. Depends on the length of your run.

You might be better off buying a used FT-736 or an Icom 9410????? I think that is the one.

http://www.downeastmicrowave.com/cat-frame.htm

Steve, N4JQQ

On 8/7/2012 11:18 AM, pauldebono@... wrote:
>
> I would like to extend my TS850 for 6m, 2m, and/or 70cm
> Would like to know what is available on the market, please
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11503. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-07 23:07:25 UTC
From: Crownhaven
Topic: 11497 Message: 11503

Those are great transverters. I don't think they have common IF
though. 20 watts output and they are only about $1200 US.

Steve, N4JQQ

On 8/7/2012 4:08 PM, Maximo Coltro wrote:
>
> You can to use the TS850SAT with SSB Electronic transverters, LT6S,
> LT2S and LT70S and if you want one LT23S for 1296 mhz with 28 Mhz FI...
> And please, don't compare one TS850 with a transverter with one
> TS2000....
>
> Saludos cordiales. Máximo. EA7FGJ. IM67XI.
>
> _____
> De: Larry Banks <larryb.w1dyj@...
> <mailto:larryb.w1dyj%40verizon.net>>
> Para: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Enviado: Martes 7 de agosto de 2012 20:20
> Asunto: Re: [TS-850_450_690] TS850 Transverters
>
>
>
> Or a Kenwood TS-2000 and get a more modern transceiver than the 850.
>
> 73 -- Larry -- W1DYJ
>
> ----- Original Message -----
> From: Crownhaven
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Cc: pauldebono@... <mailto:pauldebono%40rocketmail.com>
> Sent: Tuesday, August 07, 2012 1:52 PM
> Subject: Re: [TS-850_450_690] TS850 Transverters
>
> Basically, Downeast Microwave, US company, unless you want to buy
> high-end German stuff. You can buy common IF units now which makes life
> much easier. They are probably going to run you in the neighborhood of
> $500 for the six meter unit and $600 for the two and 432 units. Add $75
> to each one for common IF. You don't want split IF. $200 - $300 each
> for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps
> and your in business. :)))))) Oooops. Forgot the Heliax. Depends on
> the length of your run.
>

> You might be better off buying a used FT-736 or an Icom 9410????? I
> think that is the one.
>
> http://www.downeastmicrowave.com/cat-frame.htm
>
> Steve, N4JQQ
>
> On 8/7/2012 11:18 AM, pauldebono@...
> <mailto:pauldebono%40rocketmail.com> wrote:
> >
> > I would like to extend my TS850 for 6m, 2m, and/or 70cm
> > Would like to know what is available on the market, please
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11504. Re: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-08 03:14:56 UTC
From: Gary K9GS
Topic: 11497 Message: 11504

What about Elecraft?

http://www.elecraft.com/XV/XV.htm

On 8/7/2012 12:52 PM, Crownhaven wrote:
>
> Basically, Downeast Microwave, US company, unless you want to buy
> high-end German stuff. You can buy common IF units now which makes life
> much easier. They are probably going to run you in the neighborhood of
> $500 for the six meter unit and $600 for the two and 432 units. Add $75
> to each one for common IF. You don't want split IF. $200 - $300 each
> for a brick amplifier. $400 - $500 each for two and 432 MM SSB preamps
> and your in business. :)))))) Oooops. Forgot the Heliax. Depends on
> the length of your run.
>
> You might be better off buying a used FT-736 or an Icom 9410????? I
> think that is the one.
>
> http://www.downeastmicrowave.com/cat-frame.htm
>
> Steve, N4JQQ
>
> On 8/7/2012 11:18 AM, pauldebono@...
> <mailto:pauldebono%40rocketmail.com> wrote:
> >
> > I would like to extend my TS850 for 6m, 2m, and/or 70cm
> > Would like to know what is available on the market, please
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

--

73,

Gary K9GS

Greater Milwaukee DX Association: http://www.gmdxa.org
Society of Midwest Contesters: http://www.w9smc.com
CW Ops #1032 http://www.cwops.org

****

11505. RE: [TS-850_450_690] TS850 Transverters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-08 19:43:12 UTC
From: Dave Gmail
Topic: 11497 Message: 11505

I had a tentec unit 1208?? Or 1209? Cant remember, but it was very limited
to only 8 watts drive and 8 watts output, if I remember.

Ot sure if they are still available, but I do see them on the used market,
usually around 100.00 or so.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Gary K9GS
Sent: August-07-12 11:15 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS850 Transverters

What about Elecraft?

http://www.elecraft.com/XV/XV.htm

On 8/7/2012 12:52 PM, Crownhaven wrote:
>
> Basically, Downeast Microwave, US company, unless you want to buy
> high-end German stuff. You can buy common IF units now which makes
> life much easier. They are probably going to run you in the
> neighborhood of
> $500 for the six meter unit and $600 for the two and 432 units. Add
> $75 to each one for common IF. You don't want split IF. $200 - $300
> each for a brick amplifier. $400 - $500 each for two and 432 MM SSB
> preamps and your in business. :)))))) Oooops. Forgot the Heliax.
> Depends on the length of your run.
>
> You might be better off buying a used FT-736 or an Icom 9410????? I
> think that is the one.
>
> http://www.downeastmicrowave.com/cat-frame.htm
>
> Steve, N4JQQ
>
> On 8/7/2012 11:18 AM, pauldebono@...
> <mailto:pauldebono%40rocketmail.com> wrote:
> >
> > I would like to extend my TS850 for 6m, 2m, and/or 70cm Would like
> > to know what is available on the market, please
> >
> >
>
> [Non-text portions of this message have been removed]
>

>

--

73,

Gary K9GS

Greater Milwaukee DX Association: http://www.gmdxa.org Society of Midwest Contesters: http://www.w9smc.com
CW Ops #1032 http://www.cwops.org

****

THANKS FOR USING TS-850_450_690@...! Groups Links

11507. proper SSB TX freq?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-10 19:55:10 UTC
From: jkadb@ymail.com
Topic: 11507 Message: 11507

My first QSO indicated I was off freq.
I'm newby to phone on HF, just acquired a TS-850S, which I like.
After I tune to RX someone's transmission for best signal, how/where do I tune for TX?

J
KJ6YVY

11508. Re: [TS-850_450_690] proper SSB TX freq?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-10 20:52:35 UTC
From: Tom Osborne
Topic: 11507 Message: 11508

It should tune automatically to the correct frequency.

Make sure your XIT or RIT is not on as that will make your TX and RX frequency different. 73
Tom W7WHY

My first QSO indicated I was off freq.
I'm newby to phone on HF, just acquired a TS-850S, which I like.
After I tune to RX someone's transmission for best signal, how/where do I tune for TX?

J
KJ6YVY

11509. Re: [TS-850_450_690] proper SSB TX freq?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-10 20:53:34 UTC
From: Bob Naylor
Topic: 11507 Message: 11509

Make sure your RIT is off and also the transmit RIT (forgot what they call it). Tune so the voice you are receiving sounds natural and you're good to go. Don't judge by one opinion, get on the air and get another opinion. Enjoy your new toy! In my opinion the 850 is one of the best radios ever made!73, Bob WE6C

--- On Fri, 8/10/12, jkadb@... <jkadb@...> wrote:

From: jkadb@... <jkadb@...>
Subject: [TS-850_450_690] proper SSB TX freq?
To: TS-850_450_690@yahoogroups.com
Date: Friday, August 10, 2012, 12:55 PM

My first QSO indicated I was off freq.

I'm newby to phone on HF, just acquired a TS-850S, which I like.

After I tune to RX someone's transmission for best signal, how/where do I tune for TX?

J

KJ6YVY

[Non-text portions of this message have been removed]

11510. Re: proper SSB TX freq?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-10 20:52:06 UTC
From: Dennis
Topic: 11507 Message: 11510

TX and RX should be together unless the RIT or XIT buttons are pushed in. If the RIT or XIT buttons are pushed a red RIT or XIT will appear to the right of the frequency display. If one or both of these buttons are not pushed, the rig has a problem.
Of course, you can transmit on a frequency (such as 7255.00) and push the RIT button in and adjust to the frequency you are receiving from the transmitting station.
W8YS

[Non-text portions of this message have been removed]

11511. Re: proper SSB TX freq?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-10 21:05:43 UTC
From: John tf
Topic: 11507 Message: 11511

Checking your settings for the mode [as others have mentioned] .
The manual has initial settings for different modes , take a look to see where all the settings should be for phone .
The some history of your rig , ser. # there are some early rigs that had leaky caps , the most important are on the CAR board [very important could make the radio a parts rig] and may affect frequency discrepancies .
I have some similar issues and had better match after replacing caps .
My rig is still off slightly but have not gone through it to get just right yet .
John
KD0CAC

[Non-text portions of this message have been removed]

11512. Re: [TS-850_450_690] proper SSB TX freq?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-10 21:10:34 UTC
From: Zack Widup
Topic: 11507 Message: 11512

With the RIT and XIT off, the frequencies should be the same. The only error I think you could make would be not to have the signal tuned in exactly right on receive. I've noticed with some people's voices it's almost impossible to tune them in correctly.

73, Zack W9SZ

On Fri, Aug 10, 2012 at 2:55 PM, jkadb@... <jkadb@...> wrote:

> **
>
>
> My first QSO indicated I was off freq.
> I'm newby to phone on HF, just acquired a TS-850S, which I like.
> After I tune to RX someone's transmission for best signal, how/where do I
> tune for TX?
>
> J
> KJ6YVY
>
>
>

[Non-text portions of this message have been removed]

11513. Re: transistor - For the use of!!! - Put them in the trash.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-11 14:12:13 UTC
From: John tf
Topic: 11484 Message: 11513

I would like to tag onto the thread of identifying parts ,
power transistors all number on them ,
185 185
M1133 M1132
9212 9250

C C C C
M9851 M9740 M9850 185
458-207 458-009 458-303 M1134
AQ890 AE388 AS458 8511

C
M1134
8517

Thanks
John
KD0CAC

[Non-text portions of this message have been removed]

11514. Problems removing VFO knob, replacing pot on TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-12 18:53:22 UTC
From: Dean
Topic: 11514 Message: 11514

First a quick introduction as this is my first post:

Hello - My name's Dean and I just picked up a TS450S so that I can get back into HF after being away for a few years. Celebrating 20 years as a ham this year and I have always wanted a TS450.

Found what I thought was a good deal in the QRZ classifieds, but when I received it, the mic gain pot shaft was severely bent. There was no evidence of damage to the box, so it must have been that way before shipping. I tried ever so gently and slowly bending it back, but it immediately snapped flush with the potentiometer body.

So I set about disassembling the radio to get at the pot so I could order a replacement and found that the set screw for the VFO knob was stripped. Tried various things to get it to move, but ended up deciding to drill it out. I used a bit that is the same size as the existing hole, but the knob would not budge from the shaft. Tried one drill size up, and still no luck. I am reluctant to apply much force so as not to damage the encoder.

Any thoughts on how to get it to move? Also, anyone know of a source for a new mic gain potentiometer off the top of their head?

Thanks in advance.

73,

Dean - K7ADN
Phoenix, AZ

11515. RE: [TS-850_450_690] Problems removing VFO knob, replacing pot on TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-12 20:41:52 UTC
From: Dave Gmail
Topic: 11514 Message: 11515

Have you tried kenwoodparts.com I would also look at ordering a new vfo knob also

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dean
Sent: August-12-12 2:53 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Problems removing VFO knob, replacing pot on TS450S

First a quick introduction as this is my first post:

Hello - My name's Dean and I just picked up a TS450S so that I can get back into HF after being away for a few years. Celebrating 20 years as a ham this year and I have always wanted a TS450.

Found what I thought was a good deal in the QRZ classifieds, but when I received it, the mic gain pot shaft was severely bent. There was no evidence of damage to the box, so it must have been that way before shipping. I tried ever so gently and slowly bending it back, but it immediately snapped flush with the potentiometer body.

So I set about disassembling the radio to get at the pot so I could order a replacement and found that the set screw for the VFO knob was stripped. Tried various things to get it to move, but ended up deciding to drill it out. I used a bit that is the same size as the existing hole, but the knob would not budge from the shaft. Tried one drill size up, and still no luck. I am reluctant to apply much force so as not to damage the encoder.

Any thoughts on how to get it to move? Also, anyone know of a source for a new mic gain potentiometer off the top of their head?

Thanks in advance.

73,

Dean - K7ADN
Phoenix, AZ

THANKS FOR USING TS-850_450_690@...! Groups Links

11516. Re: Problems removing VFO knob, replacing pot on TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 07:07:10 UTC
From: Dean
Topic: 11514 Message: 11516

Thanks Dave - Unfortunately, it looks like the pot is no longer available. Th VFO knob is $80, so maybe I'll make due with what I have for the time being.

Anyone have any tips for getting the knob off? I can't do anything until I get it off.

73,

Dean - K7ADN

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Have you tried kenwoodparts.com I would also look at ordering a new vfo knob
> also
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Dean
> Sent: August-12-12 2:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Problems removing VFO knob, replacing pot on
> TS450S
>
> First a quick introduction as this is my first post:
>
> Hello - My name's Dean and I just picked up a TS450S so that I can get back
> into HF after being away for a few years. Celebrating 20 years as a ham
> this year and I have always wanted a TS450.
>
> Found what I thought was a good deal in the QRZ classifieds, but when I
> received it, the mic gain pot shaft was severely bent. There was no
> evidence of damage to the box, so it must have been that way before
> shipping. I tried ever so gently and slowly bending it back, but it
> immediately snapped flush with the potentiometer body.
>
> So I set about disassembling the radio to get at the pot so I could order a
> replacement and found that the set screw for the VFO knob was stripped.
> Tried various things to get it to move, but ended up deciding to drill it
> out. I used a bit that is the same size as the existing hole, but the knob
> would not budge from the shaft. Tried one drill size up, and still no luck.
> I am reluctant to apply much force so as not to damage the encoder.
>
> Any thoughts on how to get it to move? Also, anyone know of a source for a
> new mic gain potentiometer off the top of their head?
>

> Thanks in advance.
>
> 73,
>
> Dean - K7ADN
> Phoenix, AZ
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11517. TS 690 with no ATT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 11:42:12 UTC
From: alanstevenson753
Topic: 11517 Message: 11517

I pressed the ATT on my TS 690 just to see if it worked I do not think it has the ATT in it lol.
I did have a 450sat and that had this feature, anyway on the 690 the signal goes down with this button pressed in, anyone any idea as to why. Alan G6lsw

11518. Re: TS 690 with no ATT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 14:01:25 UTC
From: avvidclif
Topic: 11517 Message: 11518

Yep, the ATTenuator is working. Now as for the Ant Tuner??? Got the manual?

Clif

--- In TS-850_450_690@yahoogroups.com, "alanstevenson753" <alanstevenson753@...> wrote:
>
> I pressed the ATT on my TS 690 just to see if it worked I do not think it has the ATT in it lol.
> I did have a 450sat and that had this feature, anyway on the 690 the signal goes down with this button pressed in, anyone any idea as to why. Alan G6lsw
>

11519. RE: [TS-850_450_690] Re: Problems removing VFO knob, replacing pot on TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 19:43:30 UTC
From: Dave Gmail
Topic: 11514 Message: 11519

Email wa4wip, he has parts for 430 and 440's. sometimes he has the 450/690 you have to ask

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Dean
Sent: August-13-12 3:07 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Problems removing VFO knob, replacing pot on TS450S

Thanks Dave - Unfortunately, it looks like the pot is no longer available. Th VFO knob is $80, so maybe I'll make due with what I have for the time being.

Anyone have any tips for getting the knob off? I can't do anything until I get it off.

73,

Dean - K7ADN

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Have you tried kenwoodparts.com I would also look at ordering a new
> vfo knob also
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Dean
> Sent: August-12-12 2:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Problems removing VFO knob, replacing pot on
> TS450S
>
> First a quick introduction as this is my first post:
>
> Hello - My name's Dean and I just picked up a TS450S so that I can get
> back into HF after being away for a few years. Celebrating 20 years
> as a ham this year and I have always wanted a TS450.
>
> Found what I thought was a good deal in the QRZ classifieds, but when

> I received it, the mic gain pot shaft was severely bent. There was no
> evidence of damage to the box, so it must have been that way before
> shipping. I tried ever so gently and slowly bending it back, but it
> immediately snapped flush with the potentiometer body.
>
> So I set about disassembling the radio to get at the pot so I could
> order a replacement and found that the set screw for the VFO knob was
stripped.
> Tried various things to get it to move, but ended up deciding to drill
> it out. I used a bit that is the same size as the existing hole, but
> the knob would not budge from the shaft. Tried one drill size up, and
still no luck.
> I am reluctant to apply much force so as not to damage the encoder.
>
> Any thoughts on how to get it to move? Also, anyone know of a source
> for a new mic gain potentiometer off the top of their head?
>
> Thanks in advance.
>
> 73,
>
> Dean - K7ADN
> Phoenix, AZ
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

THANKS FOR USING TS-850_450_690@...! Groups Links

11520. TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 20:57:23 UTC
From: andrewburfield
Topic: 11520 Message: 11520

Hi all..
I Have just purchased my TS-850 and I am having loads of fun with it. One issue that is bugging me is that the received signal seemed to be weaker than my other receiver. Pushing the 6db attenuator button to the 'IN' position brings the signal up. The 12db attenuator button when pushed in drops the signal level as expected. Can anybody explain this behaviour? it appears that the button is working in reverse!?! Thanks Andy M0KVR

11521. RE: [TS-850_450_690] TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 22:04:15 UTC
From: Dave Gmail
Topic: 11520 Message: 11521

Sounds like one of the resistors put in and out of circuit may be changed value or open....

Happened to me

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of andrewburfield
Sent: August-13-12 4:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Attenuator Problem

Hi all..
I Have just purchased my TS-850 and I am having loads of fun with it. One issue that is bugging me is that the received signal seemed to be weaker than my other receiver. Pushing the 6db attenuator button to the 'IN' position brings the signal up. The 12db attenuator button when pushed in drops the signal level as expected. Can anybody explain this behaviour? it appears that the button is working in reverse!?! Thanks Andy M0KVR

THANKS FOR USING TS-850_450_690@...! Groups Links

11522. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-13 22:18:04 UTC
From: andrewburfield
Topic: 11520 Message: 11522

Thanks for your reply. Where are the att resistors located?

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Sounds like one of the resistors put in and out of circuit may be changed
> value or open....
>
>
> Happened to me
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of andrewburfield
> Sent: August-13-12 4:57 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850S Attenuator Problem
>
> Hi all..
> I Have just purchased my TS-850 and I am having loads of fun with it. One
> issue that is bugging me is that the received signal seemed to be weaker
> than my other receiver. Pushing the 6db attenuator button to the 'IN'
> position brings the signal up. The 12db attenuator button when pushed in
> drops the signal level as expected. Can anybody explain this behaviour? it
> appears that the button is working in reverse!?! Thanks Andy M0KVR
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11523. your 850 in long storage

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-14 07:31:58 UTC
From: Ramon DU1FV
Topic: 11465 Message: 11523

Hi I am from manila (also very humid here). I think the tuner needs a minimum amount of power so that the tuner will work. Other than that , i think your radio needs to be warmed up to get all circuits running. good luck n 73.

11524. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-14 10:50:48 UTC
From: andrewburfield
Topic: 11520 Message: 11524

Funny... Just realised that the 6db attenuator works properly on AM reception. Also if attenuators are off I get AM broadcast breaking through on 17 and 15 meters..

--- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@...> wrote:
>
> Thanks for your reply. Where are the att resistors located?
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > Sounds like one of the resistors put in and out of circuit may be changed
> > value or open....
> >
> >
> > Happened to me
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of andrewburfield
> > Sent: August-13-12 4:57 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] TS-850S Attenuator Problem
> >
> > Hi all..
> > I Have just purchased my TS-850 and I am having loads of fun with it. One
> > issue that is bugging me is that the received signal seemed to be weaker
> > than my other receiver. Pushing the 6db attenuator button to the 'IN'
> > position brings the signal up. The 12db attenuator button when pushed in
> > drops the signal level as expected. Can anybody explain this behaviour? it
> > appears that the button is working in reverse!?! Thanks Andy M0KVR
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

11525. Re: TS 690 with no ATT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-14 15:11:40 UTC
From: Alan Stevenson
Topic: 11517 Message: 11525

Was meaning to say pressed the auto tune re the ts 690 and no responce I was thinking the 690 had this as my 450 did. Alan g6lsw

[Non-text portions of this message have been removed]

11526. Re: TS 690 with no ATT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-14 16:00:09 UTC
From: avvidclif
Topic: 11517 Message: 11526

Look in the cooling slots at the right rear of the top cover. If you see something real close it has a tuner, if it appears empty there is no tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, Alan Stevenson <alanstevenson753@...> wrote:
>
> Was meaning to say pressed the auto tune re the ts 690 and no responce I was thinking the 690 had this as my 450 did. Alan g6lsw
>
> [Non-text portions of this message have been removed]
>

11527. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-14 16:02:12 UTC
From: avvidclif
Topic: 11520 Message: 11527

The attenuators are the first thing the signal goes thru on the RF unit. Mode has nothing to do with it. Most likely you have a leaky diode or 2 in the BPF section of the RF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@...> wrote:
>
> Funny... Just realised that the 6db attenuator works properly on AM reception. Also if attenuators are off I get AM broadcast breaking through on 17 and 15 meters..
>
> --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> >
> > Thanks for your reply. Where are the att resistors located?
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > >
> > > Sounds like one of the resistors put in and out of circuit may be changed
> > > value or open....
> > >
> > >
> > > Happened to me
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of andrewburfield
> > > Sent: August-13-12 4:57 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] TS-850S Attenuator Problem
> > >
> > > Hi all..
> > > I Have just purchased my TS-850 and I am having loads of fun with it. One
> > > issue that is bugging me is that the received signal seemed to be weaker
> > > than my other receiver. Pushing the 6db attenuator button to the 'IN'
> > > position brings the signal up. The 12db attenuator button when pushed in
> > > drops the signal level as expected. Can anybody explain this behaviour? it
> > > appears that the button is working in reverse!?! Thanks Andy M0KVR
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >

> >
>

11528. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-14 18:32:59 UTC
From: andrewburfield
Topic: 11520 Message: 11528

Does this mean that the attenuator is actually working bit I am getting reduced receive sensitivity with the attenuators out of circuit

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The attenuators are the first thing the signal goes thru on the RF unit. Mode has nothing to do with it. Most likely you have a leaky diode or 2 in the BPF section of the RF unit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> >
> > Funny... Just realised that the 6db attenuator works properly on AM reception. Also if attenuators are off I get AM broadcast breaking through on 17 and 15 meters..
> >
> > --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> > >
> > > Thanks for your reply. Where are the att resistors located?
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > >
> > > > Sounds like one of the resistors put in and out of circuit may be changed
> > > > value or open....
> > > >
> > > >
> > > > Happened to me
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > > On Behalf Of andrewburfield
> > > > Sent: August-13-12 4:57 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: [TS-850_450_690] TS-850S Attenuator Problem
> > > >
> > > > Hi all..
> > > > I Have just purchased my TS-850 and I am having loads of fun with it. One
> > > > issue that is bugging me is that the received signal seemed to be weaker
> > > > than my other receiver. Pushing the 6db attenuator button to the 'IN'
> > > > position brings the signal up. The 12db attenuator button when pushed in
> > > > drops the signal level as expected. Can anybody explain this behaviour? it
> > > > appears that the button is working in reverse!?! Thanks Andy M0KVR
> > > >
> > > >

> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > >
> > >
> >
>

11529. Re: TS 690 with no Auto tune - Clif

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-15 08:34:20 UTC
From: alanstevenson753
Topic: 11517 Message: 11529

Hi Clif. I would say that my TS 690 has no auto tuner in it for if you mean to look in those 6 half round air vent slots top right and part down the side it looks empty, pity about that, I do have the manual tuner the Yaesu FT-707 so will have to use that, wonder how much a tuner would cost to go in that space, bad kenwod selling a 450 with and the 690 without. Alan g6lsw

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Look in the cooling slots at the right rear of the top cover. If you see something real close it has a tuner, if it appears empty there is no tuner.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Alan Stevenson <alanstevenson753@> wrote:
> >
> > Was meaning to say pressed the auto tune re the ts 690 and no responce I was thinking the 690 had this as my 450 did. Alan g6lsw
> >
> > [Non-text portions of this message have been removed]
> >
>

11530. Re: TS 690 with no Auto tune - Clif

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-15 14:34:43 UTC
From: avvidclif
Topic: 11517 Message: 11530

The tuner was an option on either one.

Clif

--- In TS-850_450_690@yahoogroups.com, "alanstevenson753" <alanstevenson753@...> wrote:
>
> Hi Clif. I would say that my TS 690 has no auto tuner in it for if you mean to look in those 6 half round air vent slots top right and part down the side it looks empty, pity about that, I do have the manual tuner the Yaesu FT-707 so will have to use that, wonder how much a tuner would cost to go in that space, bad kenwod selling a 450 with and the 690 without. Alan g6lsw
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Look in the cooling slots at the right rear of the top cover. If you see something real close it has a tuner, if it appears empty there is no tuner.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Alan Stevenson <alanstevenson753@> wrote:
> > > >
> > > > Was meaning to say pressed the auto tune re the ts 690 and no responce I was thinking the 690 had this as my 450 did. Alan g6lsw
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> >

11531. Repost needing help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-16 17:02:53 UTC
From: BobK
Topic: 11531 Message: 11531

Hello first post.
I picked up a ts-450s at a yard sale had been in storge 8 to 9 years,it has good rec and output Ant tuner working. After about 45 min.to an hour being turn on the display gos blank with just dots no #s,and giving a alarm in morse of UL UL UL.
I have reset radio and after it sets for about 15 to 20 min,it will go back to working for another Hr. From reading messages on here Im thinking may have leaking caps. Needing info on where(what board)to start looking for problem,and what caps may be bad.

Thanks
Bob K
KF5DCS

11532. RE: [TS-850_450_690] Repost needing help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-16 19:34:14 UTC
From: Dave Gmail
Topic: 11531 Message: 11532

UL is unlock, as in pll so I guess you need to get the service manual and read on check that circuit

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of BobK
Sent: August-16-12 1:03 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Repost needing help

Hello first post.
I picked up a ts-450s at a yard sale had been in storge 8 to 9 years,it has good rec and output Ant tuner working. After about 45 min.to an hour being turn on the display gos blank with just dots no #s,and giving a alarm in morse of UL UL UL.
I have reset radio and after it sets for about 15 to 20 min,it will go back to working for another Hr. From reading messages on here Im thinking may have leaking caps. Needing info on where(what board)to start looking for problem,and what caps may be bad.

Thanks
Bob K
KF5DCS

THANKS FOR USING TS-850_450_690@...! Groups Links

11533. TS450 dc power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-20 05:10:33 UTC
From: m6gbt
Topic: 11533 Message: 11533

Rig has been working fine until yesterday now when I power it up only the 2 filter numbers light up with the display very dim, I cant do a global reset as no buttons are working. No receive or TX I hope its a simple fix has anyone had this issue

Thanks
Pete

11534. CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-20 05:17:04 UTC
From: m6gbt
Topic: 11534 Message: 11534

Having cat problems with both my TS850 and TS450 checked baud rate which is set to 4800 cleared registry for com port assignment in XP pro with SP3. Tried 2 known working cables the problem has just started after many months of trouble free qso's using Ham Radio Deluxe B2893

cant figure out why it would work one min and not the next, I would not have thought 2 rigs and cables could produce the same fault?

Has anyone had this problem?

Thanks
Pete

11535. Re: Paddle with my Kenwood TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-20 07:24:49 UTC
From: Ahmad
Topic: 11294 Message: 11535

Dear all...

I have daiwa dk-210. Can I use it for my TS-450?
And what about wiring? From paddle - dk210 - rig. Which jack I have to use..

ahmad
YC2HNI

--- In TS-850_450_690@yahoogroups.com, "Kurt Cathcart, KR2C" <kurt@...> wrote:
>
> You will need an external keyer. I use an mfj 401d
>
> -Kurt
> KR2C
> -----Original Message-----
> From: "n0oer" <n0oer@...>
> Sender: TS-850_450_690@yahoogroups.com
> Date: Fri, 20 Apr 2012 23:56:33
> To: <TS-850_450_690@yahoogroups.com>
> Reply-To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Paddle with my Kenwood TS-450s
>
> I looked at the book and it shows a stright key only with the ts-450. Anyone using a
paddle with it? I can't seem to get it to work. Any suggestions?
>
>
>
>
> [Non-text portions of this message have been removed]
>

11536. Re: [TS-850_450_690] TS450 dc power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-20 15:36:05 UTC
From: Tom Osborne
Topic: 11533 Message: 11536

HI Pete

I guess you did check the power supply?

I have had problems like that before and the fuse in the fuse holder had come loose and was just barely making contact. 73 and hope you find it.
Tom W7WHY

Rig has been working fine until yesterday now when I power it up only the 2 filter numbers light up with the display very dim, I cant do a global reset as no buttons are working. No receive or TX I hope its a simple fix has anyone had this issue

Thanks
Pete

11537. Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-20 23:59:47 UTC
From: birchardvilleobservatory
Topic: 11534 Message: 11537

You've already done my first suggestion -- "reseating" the connections. You've also already done my second -- "try another cable".

I wish I could give you some other ideas. You said it does not read frequency, but do other functions work at all?

Dan

--- In TS-850_450_690@yahoogroups.com, "m6gbt" <m6gbt@...> wrote:
>
> Having cat problems with both my TS850 and TS450 checked baud rate which is set to 4800 cleared registry for com port assignment in XP pro with SP3. Tried 2 known working cables the problem has just started after many months of trouble free qso's using Ham Radio Deluxe B2893
>
> cant figure out why it would work one min and not the next, I would not have thought 2 rigs and cables could produce the same fault?
>
> Has anyone had this problem?
>
> Thanks
> Pete
>

11538. RE: [TS-850_450_690] Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-21 00:52:32 UTC
From: Dave Gmail
Topic: 11534 Message: 11538

Do you have the serial device on a usb to serial adapter, or direct to it's own serial jack???

Do you have HRD on auto, so it will check all ports and baud rates..
(although it should be on 4800)

4800,8,n,2

Maybe the usb devices re assigned it self

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of birchardvilleobservatory
Sent: August-20-12 8:00 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: CAT trouble.....Failed to read freq

You've already done my first suggestion -- "reseating" the connections.
You've also already done my second -- "try another cable".

I wish I could give you some other ideas. You said it does not read
frequency, but do other functions work at all?

Dan

--- In TS-850_450_690@yahoogroups.com, "m6gbt" <m6gbt@...> wrote:
>
> Having cat problems with both my TS850 and TS450 checked baud rate which
is set to 4800 cleared registry for com port assignment in XP pro with SP3.
Tried 2 known working cables the problem has just started after many months
of trouble free qso's using Ham Radio Deluxe B2893
>
> cant figure out why it would work one min and not the next, I would not
have thought 2 rigs and cables could produce the same fault?
>
> Has anyone had this problem?
>
> Thanks
> Pete
>

THANKS FOR USING TS-850_450_690@...! Groups Links

11539. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-21 06:26:29 UTC
From: Rainer
Topic: 9235 Message: 11539

Hello,

suddenly overnight, my TS-450S has a very low volume RX audio in SSB, cw and FSK only (on internal and external speaker/headphone), S-meter seems working correctly in SSB. RX AM and FM have the normal audio signal intensity and sensitivity. In TX, seems no audio in any mode (S-meter and swr-meter not moving). C104 was replaced but was not the cause (traces are not corroded). Squelch seems not the cause (ok in FM). Parameter reset and visual check of IF board were done. A PA was never connected.
Which circuit board(s) should be checked? Thank's in advance for a hint.

'73,
Rainer 7J6AAO/1

--- In TS-850_450_690@yahoogroups.com, "Jim" <jim41057@...> wrote:
>
> Tnx Clif,
>
> I appreciate the fix and all the info. I had noticed that the old thread ended rather abruptly and didn't know if there was anything else I should be made aware of...I am going to replace the cap and will keep you informed on how it worked out for me.
>
> Thanks again for your info!
>
> 73,
> Jim WA2OQJ
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > I gave you the fix, what else you want?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Jim" <jim41057@> wrote:
> > >
> > > Rodrigo I know this post is old but have you ever come to fix this problem?
> > >
> > > I also have just pulled my old 450s out of mothballs and are having the exact same issues you have described. It started out with a "static crash" sounds in the rcvd audio (internally caused not atmospheric static crashes) then the volume would reduce noticeably until yesterday when like you, I powered the radio up and the audio would be there for a second and then the rf gain bargraph would go full scale and the audio would be gone completely if I turn the rf gain to zero and quickly back up to 10 the audio will come back strong for a second but the bargraph will climb rapidly back up to full scale again. Slowly as the radio heated up the audio would return and the bargraph would drop to normal with the exception that all rcvd signals would be at most s5 or no s reading at all...

> > >
> > > I will check c104 on the if unit as per clif's instructions but was wondering if that was the total cure for your problems!
> > >
> > > 73,
> > > Jim WA2OQJ
> > >
> > >
> > > > From: avvidclif
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Friday, May 07, 2010 11:24 AM
> > > > Subject: [TS-850_450_690] Re: TS-450 low volume
> > > >
> > > > You can't just replace the cap. You have to remove components and clean under them. The AGC line goes thru the same area and is being shorted by the gook. It also damages thru holes and causes all sorts of grief.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Rodrigo" <yid_grps@> w
> > >
>

11540. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-21 14:53:53 UTC
From: andrewburfield
Topic: 11520 Message: 11540

Ok so I found a leaky diode (D16) in the BPF section of the rf unit. I ordered suitable RLS135 replacement diode but I have been sent RLS73. Are these a suitable replacement?

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The attenuators are the first thing the signal goes thru on the RF unit. Mode has nothing to do with it. Most likely you have a leaky diode or 2 in the BPF section of the RF unit.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> >
> > Funny... Just realised that the 6db attenuator works properly on AM reception. Also if attenuators are off I get AM broadcast breaking through on 17 and 15 meters..
> >
> > --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> > >
> > > Thanks for your reply. Where are the att resistors located?
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > >
> > > > Sounds like one of the resistors put in and out of circuit may be changed
> > > > value or open....
> > > >
> > > >
> > > > Happened to me
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > > On Behalf Of andrewburfield
> > > > Sent: August-13-12 4:57 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: [TS-850_450_690] TS-850S Attenuator Problem
> > > >
> > > > Hi all..
> > > > I Have just purchased my TS-850 and I am having loads of fun with it. One
> > > > issue that is bugging me is that the received signal seemed to be weaker
> > > > than my other receiver. Pushing the 6db attenuator button to the 'IN'
> > > > position brings the signal up. The 12db attenuator button when pushed in
> > > > drops the signal level as expected. Can anybody explain this behaviour? it
> > > > appears that the button is working in reverse!?! Thanks Andy M0KVR
> > > >
> > > >

> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > >
> > >
> >
>

11541. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-21 15:20:11 UTC
From: avvidclif
Topic: 11520 Message: 11541

Kenwood doesn't show that as a sub. Where did you get it?

--- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@...> wrote:
>
> Ok so I found a leaky diode (D16) in the BPF section of the rf unit. I ordered suitable RLS135 replacement diode but I have been sent RLS73. Are these a suitable replacement?
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > The attenuators are the first thing the signal goes thru on the RF unit. Mode has nothing to do with it. Most likely you have a leaky diode or 2 in the BPF section of the RF unit.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> > >
> > > Funny... Just realised that the 6db attenuator works properly on AM reception. Also if attenuators are off I get AM broadcast breaking through on 17 and 15 meters..
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> > > >
> > > > Thanks for your reply. Where are the att resistors located?
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > > >
> > > > > Sounds like one of the resistors put in and out of circuit may be changed
> > > > > value or open....
> > > > >
> > > > >
> > > > > Happened to me
> > > > >
> > > > >
> > > > > -----Original Message-----
> > > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > > > On Behalf Of andrewburfield
> > > > > Sent: August-13-12 4:57 PM
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Subject: [TS-850_450_690] TS-850S Attenuator Problem
> > > > >
> > > > > Hi all..
> > > > > I Have just purchased my TS-850 and I am having loads of fun with it. One
> > > > > issue that is bugging me is that the received signal seemed to be weaker
> > > > > than my other receiver. Pushing the 6db attenuator button to the 'IN'

> > > > > position brings the signal up. The 12db attenuator button when pushed in
> > > > > drops the signal level as expected. Can anybody explain this behaviour? it
> > > > > appears that the button is working in reverse!?! Thanks Andy M0KVR
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > > >
> > > >
> > >
> >
>

11542. Re: TS-850S Attenuator Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-21 15:26:08 UTC
From: andrewburfield
Topic: 11520 Message: 11542

Got them from ebay here >> http://www.ebay.co.uk/itm/Kenwood-TS-850S-TS-870-TS-950SDX-RLS135-Diode-kit-/120962407829?pt=UK_Mobile_Phones_Communication_Ham_Radio_Receivers_Transceivers&hash=item1c29ebdd95#ht_500wt_1414

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Kenwood doesn't show that as a sub. Where did you get it?
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> >
> > Ok so I found a leaky diode (D16) in the BPF section of the rf unit. I ordered suitable RLS135 replacement diode but I have been sent RLS73. Are these a suitable replacement?
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > The attenuators are the first thing the signal goes thru on the RF unit. Mode has nothing to do with it. Most likely you have a leaky diode or 2 in the BPF section of the RF unit.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> > > >
> > > > Funny... Just realised that the 6db attenuator works properly on AM reception. Also if attenuators are off I get AM broadcast breaking through on 17 and 15 meters..
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "andrewburfield" <andrewburfield@> wrote:
> > > > >
> > > > > Thanks for your reply. Where are the att resistors located?
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > > > > >
> > > > > > Sounds like one of the resistors put in and out of circuit may be changed
> > > > > > value or open....
> > > > > >
> > > > > >
> > > > > > Happened to me
> > > > > >
> > > > > >
> > > > > > -----Original Message-----
> > > > > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@...m]
> > > > > > On Behalf Of andrewburfield

> > > > > > Sent: August-13-12 4:57 PM
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > Subject: [TS-850_450_690] TS-850S Attenuator Problem
> > > > > >
> > > > > > Hi all..
> > > > > > I Have just purchased my TS-850 and I am having loads of fun with it. One
> > > > > > issue that is bugging me is that the received signal seemed to be weaker
> > > > > > than my other receiver. Pushing the 6db attenuator button to the 'IN'
> > > > > > position brings the signal up. The 12db attenuator button when pushed in
> > > > > > drops the signal level as expected. Can anybody explain this behaviour? it
> > > > > > appears that the button is working in reverse!?! Thanks Andy M0KVR
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

11543. 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-25 22:03:12 UTC
From: Jason Ball
Topic: 11543 Message: 11543

How do to the group.

I'm a fairly new amateur - first licensed 2 years ago and upgraded to the Australian 'Standard' license early this year. While I have several years experience in electronics (hobbiest) radio's are still new to me, so in this instance I was hoping for a little guidance.

I recently bought a TS-850SAT from an estate where it had been shelved for the best part of 10 years. On testing the radio performed exceptionally well and was in top condition, so I probably forked out a little more cash that I should have. Se la vie.

The radio performed well for several days, then I powered up to receive the 'UL' morse. I didn't spend a lot of time playing and based on information on this list pulled the CAR board and found that every capacitor had leaked dialectic over the board. I've now cleaned this up, repaired a couple of damaged via's and scrubbed the board clean - there was significant discolouration on the legs of the 66312's and a lot of stained solder mask - the chips have been cleaned and the damaged solder mask removed to facilitate cleaning of the traces.

The bare copper has now been coated with a protective lacquer and the cap's replaced with higher quality/higher voltage components. I'm fairly sure the board is now 'correct'...

On reinstall on the radio I wanted to test that the initial problem was fixed before proceeding with a cap replacement on other boards and found that the radio works on the higher frequencies, but drops back into the 'UNLOCKED' mode at lower frequencies. The cutoff point for this is exactly 7.5MHz, at 7.499MHz the radio is in error and above this appears to work as it should.

Short transmit tests were performed into a dummy load, an antenna was attached to verify/tune in to a station on 20m to verify receive operation.

To my inexperienced mind I would guess this is a VFO/PLL issue - as the CAR would not be frequency dependent especially with such a clear cutoff point... is this a fair assumption ? I acknowledge this doesn't test all the outputs of the board, but the important signals must be working (IF etc).

My next step is to borrow a CRO (mine is limited to 10MHz) to verify the PLL frequency and then follow the VFO calibration.

Has anybody got any better 'hints' on where to look?

Thanks
Jason.

--
--
Teach your kids Science, or somebody else will :/

jason@...
vk2vjb@... <vk2flnx@...>
callsign: vk2vjb

[Non-text portions of this message have been removed]

11544. Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-25 23:23:40 UTC
From: avvidclif
Topic: 11543 Message: 11544

First rule of repair: Alignment/calibration DOES NOT fix a problem, just makes it harder to find once it is figured out that wasn't the problem.

Step one; get a copy of the service manual.
Step two; Page 98 shows VCO-1 covers the exact range of the unlock condition. Ignore the markings shown in the manual the rest of the book lists them as VCO-1A, VCO-1B, VCO-1C, VCO-1D, and not VCO1-4. Don't ask I didn't write the book.
Step three; got to page 5 and look at the interaction between the different PLL's and what can cause each to unlock.

In this case if the radio works from 7.5-30 mHz then it can only be VCO-1A. Experience tells me it's probably the 10pf trimmer cap.

Now that you know exactly where the problem is an attempt at adjustment is justified. Those trimmers are bad about being flaky so several quick spins on TC1 and see if it will adjust to the book setting. Probably will but will quit again in time. Replace it now or later.

While in there do the spin and set number on Step 8. Do NOT get the 2 TC1's confused. The step 8 TC1 is on a small PCB inside a shielded area. Look at page 107.

Clif

--- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
>
> How do to the group.
>
> I'm a fairly new amateur - first licensed 2 years ago and upgraded to the
> Australian 'Standard' license early this year. While I have several years
> experience in electronics (hobbiest) radio's are still new to me, so in
> this instance I was hoping for a little guidance.
>
> I recently bought a TS-850SAT from an estate where it had been shelved for
> the best part of 10 years. On testing the radio performed exceptionally
> well and was in top condition, so I probably forked out a little more cash
> that I should have. Se la vie.
>
> The radio performed well for several days, then I powered up to receive the
> 'UL' morse. I didn't spend a lot of time playing and based on information
> on this list pulled the CAR board and found that every capacitor had leaked
> dialectic over the board. I've now cleaned this up, repaired a couple of
> damaged via's and scrubbed the board clean - there was significant
> discolouration on the legs of the 66312's and a lot of stained solder mask
> - the chips have been cleaned and the damaged solder mask removed to
> facilitate cleaning of the traces.
>
> The bare copper has now been coated with a protective lacquer and the cap's

> replaced with higher quality/higher voltage components. I'm fairly sure
> the board is now 'correct'...
>
> On reinstall on the radio I wanted to test that the initial problem was
> fixed before proceeding with a cap replacement on other boards and found
> that the radio works on the higher frequencies, but drops back into the
> 'UNLOCKED' mode at lower frequencies. The cutoff point for this is
> exactly 7.5MHz, at 7.499MHz the radio is in error and above this appears to
> work as it should.
>
> Short transmit tests were performed into a dummy load, an antenna was
> attached to verify/tune in to a station on 20m to verify receive operation.
>
> To my inexperienced mind I would guess this is a VFO/PLL issue - as the CAR
> would not be frequency dependent especially with such a clear cutoff
> point... is this a fair assumption ? I acknowledge this doesn't test all
> the outputs of the board, but the important signals must be working (IF
> etc).
>
> My next step is to borrow a CRO (mine is limited to 10MHz) to verify the
> PLL frequency and then follow the VFO calibration.
>
> Has anybody got any better 'hints' on where to look?
>
> Thanks
> Jason.
>
>
> --
> --
> Teach your kids Science, or somebody else will :/
>
> jason@...
> vk2vjb@... <vk2flnx@...>
> callsign: vk2vjb
>
>
> [Non-text portions of this message have been removed]
>

11545. Re: [TS-850_450_690] Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-26 00:05:33 UTC
From: Jason Ball
Topic: 11543 Message: 11545

Thank you Clif, very much appreciated. I've also noted caps on all visible boards that need to be replaced, so this will simply be part of an extended excercise to refurbish the radio.

I've got a soft copy of the service manual which will have to suffice for now.

Cheers
Jason.

On 26/08/2012, at 9:23 AM, "avvidclif" <clif@...> wrote:

> First rule of repair: Alignment/calibration DOES NOT fix a problem, just makes it harder to find once it is figured out that wasn't the problem.
>
> Step one; get a copy of the service manual.
> Step two; Page 98 shows VCO-1 covers the exact range of the unlock condition. Ignore the markings shown in the manual the rest of the book lists them as VCO-1A, VCO-1B, VCO-1C, VCO-1D, and not VCO1-4. Don't ask I didn't write the book.
> Step three; got to page 5 and look at the interaction between the different PLL's and what can cause each to unlock.
>
> In this case if the radio works from 7.5-30 mHz then it can only be VCO-1A. Experience tells me it's probably the 10pf trimmer cap.
>
> Now that you know exactly where the problem is an attempt at adjustment is justified. Those trimmers are bad about being flaky so several quick spins on TC1 and see if it will adjust to the book setting. Probably will but will quit again in time. Replace it now or later.
>
> While in there do the spin and set number on Step 8. Do NOT get the 2 TC1's confused. The step 8 TC1 is on a small PCB inside a shielded area. Look at page 107.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
> >
> > How do to the group.
> >
> > I'm a fairly new amateur - first licensed 2 years ago and upgraded to the
> > Australian 'Standard' license early this year. While I have several years
> > experience in electronics (hobbiest) radio's are still new to me, so in
> > this instance I was hoping for a little guidance.
> >
> > I recently bought a TS-850SAT from an estate where it had been shelved for
> > the best part of 10 years. On testing the radio performed exceptionally
> > well and was in top condition, so I probably forked out a little more cash

> > that I should have. Se la vie.
> >
> > The radio performed well for several days, then I powered up to receive the
> > 'UL' morse. I didn't spend a lot of time playing and based on information
> > on this list pulled the CAR board and found that every capacitor had leaked
> > dialectic over the board. I've now cleaned this up, repaired a couple of
> > damaged via's and scrubbed the board clean - there was significant
> > discolouration on the legs of the 66312's and a lot of stained solder mask
> > - the chips have been cleaned and the damaged solder mask removed to
> > facilitate cleaning of the traces.
> >
> > The bare copper has now been coated with a protective lacquer and the cap's
> > replaced with higher quality/higher voltage components. I'm fairly sure
> > the board is now 'correct'...
> >
> > On reinstall on the radio I wanted to test that the initial problem was
> > fixed before proceeding with a cap replacement on other boards and found
> > that the radio works on the higher frequencies, but drops back into the
> > 'UNLOCKED' mode at lower frequencies. The cutoff point for this is
> > exactly 7.5MHz, at 7.499MHz the radio is in error and above this appears to
> > work as it should.
> >
> > Short transmit tests were performed into a dummy load, an antenna was
> > attached to verify/tune in to a station on 20m to verify receive operation.
> >
> > To my inexperienced mind I would guess this is a VFO/PLL issue - as the CAR
> > would not be frequency dependent especially with such a clear cutoff
> > point... is this a fair assumption ? I acknowledge this doesn't test all
> > the outputs of the board, but the important signals must be working (IF
> > etc).
> >
> > My next step is to borrow a CRO (mine is limited to 10MHz) to verify the
> > PLL frequency and then follow the VFO calibration.
> >
> > Has anybody got any better 'hints' on where to look?
> >
> > Thanks
> > Jason.
> >
> >
> > --
> > --
> > Teach your kids Science, or somebody else will :/
> >
> > jason@...
> > vk2vjb@... <vk2flnx@...>
> > callsign: vk2vjb
> >
> >
> > [Non-text portions of this message have been removed]

> >
>
>

[Non-text portions of this message have been removed]

11546. Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-26 15:31:30 UTC
From: k4zot
Topic: 11543 Message: 11546

Jason and All:

It would be very helpful to everyone if you could post your serial number of your radio. I also suggest to others posting with problems that everyone try and do the same. It is very helpful to know the serial numbers to try and see if we can isolate some of these repair issues to certain serial numbers of production. My serial number #70400068 which I believe was mfg in 1995. I have had no issues with this radio. Just a suggestion, perhaps others may also benefit from it.

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
>
> Thank you Clif, very much appreciated. I've also noted caps on all visible boards that need to be replaced, so this will simply be part of an extended excercise to refurbish the radio.
>
> I've got a soft copy of the service manual which will have to suffice for now.
>
> Cheers
> Jason.
>
> On 26/08/2012, at 9:23 AM, "avvidclif" <clif@...> wrote:
>
> > First rule of repair: Alignment/calibration DOES NOT fix a problem, just makes it harder to find once it is figured out that wasn't the problem.
> >
> > Step one; get a copy of the service manual.
> > Step two; Page 98 shows VCO-1 covers the exact range of the unlock condition. Ignore the markings shown in the manual the rest of the book lists them as VCO-1A, VCO-1B, VCO-1C, VCO-1D, and not VCO1-4. Don't ask I didn't write the book.
> > Step three; got to page 5 and look at the interaction between the different PLL's and what can cause each to unlock.
> >
> > In this case if the radio works from 7.5-30 mHz then it can only be VCO-1A. Experience tells me it's probably the 10pf trimmer cap.
> >
> > Now that you know exactly where the problem is an attempt at adjustment is justified. Those trimmers are bad about being flaky so several quick spins on TC1 and see if it will adjust to the book setting. Probably will but will quit again in time. Replace it now or later.
> >
> > While in there do the spin and set number on Step 8. Do NOT get the 2 TC1's confused. The step 8 TC1 is on a small PCB inside a shielded area. Look at page 107.
> >
> > Clif

> >
> > --- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@> wrote:
> > >
> > > How do to the group.
> > >
> > > I'm a fairly new amateur - first licensed 2 years ago and upgraded to the
> > > Australian 'Standard' license early this year. While I have several years
> > > experience in electronics (hobbiest) radio's are still new to me, so in
> > > this instance I was hoping for a little guidance.
> > >
> > > I recently bought a TS-850SAT from an estate where it had been shelved for
> > > the best part of 10 years. On testing the radio performed exceptionally
> > > well and was in top condition, so I probably forked out a little more cash
> > > that I should have. Se la vie.
> > >
> > > The radio performed well for several days, then I powered up to receive the
> > > 'UL' morse. I didn't spend a lot of time playing and based on information
> > > on this list pulled the CAR board and found that every capacitor had leaked
> > > dialectic over the board. I've now cleaned this up, repaired a couple of
> > > damaged via's and scrubbed the board clean - there was significant
> > > discolouration on the legs of the 66312's and a lot of stained solder mask
> > > - the chips have been cleaned and the damaged solder mask removed to
> > > facilitate cleaning of the traces.
> > >
> > > The bare copper has now been coated with a protective lacquer and the cap's
> > > replaced with higher quality/higher voltage components. I'm fairly sure
> > > the board is now 'correct'...
> > >
> > > On reinstall on the radio I wanted to test that the initial problem was
> > > fixed before proceeding with a cap replacement on other boards and found
> > > that the radio works on the higher frequencies, but drops back into the
> > > 'UNLOCKED' mode at lower frequencies. The cutoff point for this is
> > > exactly 7.5MHz, at 7.499MHz the radio is in error and above this appears to
> > > work as it should.
> > >
> > > Short transmit tests were performed into a dummy load, an antenna was
> > > attached to verify/tune in to a station on 20m to verify receive operation.
> > >
> > > To my inexperienced mind I would guess this is a VFO/PLL issue - as the CAR
> > > would not be frequency dependent especially with such a clear cutoff
> > > point... is this a fair assumption ? I acknowledge this doesn't test all
> > > the outputs of the board, but the important signals must be working (IF
> > > etc).
> > >
> > > My next step is to borrow a CRO (mine is limited to 10MHz) to verify the
> > > PLL frequency and then follow the VFO calibration.
> > >
> > > Has anybody got any better 'hints' on where to look?
> > >
> > > Thanks

> > > Jason.
> > >
> > >
> > > --
> > > --
> > > Teach your kids Science, or somebody else will :/
> > >
> > > jason@
> > > vk2vjb@ <vk2flnx@>
> > > callsign: vk2vjb
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11547. Re: The TS850 surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-26 22:06:24 UTC
From: wn9d
Topic: 11226 Message: 11547

While transmitting I saw a flash of bright light from the rear of my TS-850. Yep, the surge absorber is fried. First time ever for me. My manual is silent on this, yet I believe it prudent to not operate the rig and disconnect the antenna until surge absorber is replaced.

Presently power output remains at 20 W max CW & FSK, about 50 W on SSB peaks. The power (PWR) control has no effect on power output, only the CAR control does. Has anyone else experienced similar symptoms associated with frying a surge absorber?

Randy WN9D

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The 3a fuse on the back is for the AT300 socket, nothing else.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> >
> > If this was happening while connect anything live, it may have been the 3
> > amp fuse on the rear of the set???
> >
> >
> >
> >
> > -----Original Message-----
> > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > On Behalf Of pauldebono@
> > Sent: March-27-12 8:45 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] The TS850 surge absorber
> >
> > I saw a big flash from the back of my TS850, and is probably a blown surge
> > absorber. Do I need to change it ? If so, from where I can get it please ?
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
>

11548. Re: [TS-850_450_690] Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-26 21:43:21 UTC
From: Jason Ball
Topic: 11543 Message: 11548

On 27/08/2012, at 1:31 AM, "k4zot" <packardg@...> wrote:

>
>
> Jason and All:
>
> It would be very helpful to everyone if you could post your serial number of your radio.
>

Sorry, should have included that. The serial is 31215562 so early model, fortunately it has the 66312's.

I think Clif was on the button for the trimmer cap, although voltages at the test pin dont match the values in the service guide so im digging further on this one. The up side is the radio is fully operational so im happy.

Cheers
J.

[Non-text portions of this message have been removed]

11549. Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-27 02:20:39 UTC
From: avvidclif
Topic: 11543 Message: 11549

The set point will match, the check point is appx and as long as it's in range of the VCO's operating range it's OK.

Clif

--- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
>
>
>
> On 27/08/2012, at 1:31 AM, "k4zot" <packardg@...> wrote:
>
> >
> >
> > Jason and All:
> >
> > It would be very helpful to everyone if you could post your serial number of your radio.
> >
>
> Sorry, should have included that. The serial is 31215562 so early model, fortunately it has the 66312's.
>
> I think Clif was on the button for the trimmer cap, although voltages at the test pin dont match the values in the service guide so im digging further on this one. The up side is the radio is fully operational so im happy.
>
> Cheers
> J.
>
> [Non-text portions of this message have been removed]
>

11551. Re: [TS-850_450_690] Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-27 04:59:08 UTC
From: Jason Ball
Topic: 11543 Message: 11551

On Mon, Aug 27, 2012 at 12:20 PM, avvidclif <clif@...> wrote:

> **
>
>
> The set point will match, the check point is appx and as long as it's in
> range of the VCO's operating range it's OK.
>
>
it's definitely not in spec - although the error may be as simple as me
using the wrong ground point for the measurement.

I'm getting 1.8v at TP1 on the PLL board regardless of the setting for the
trimmer (VCO1 -- TC1). I was planning on verifying this with the repair
tech art the radio club this week as It's more likely a measurement error
on my part.

(ref service guide pages 107, 98/VCO1).

Cheers
J.

--
--
Teach your kids Science, or somebody else will :/

jason@...
vk2vjb@... <vk2flnx@...>
callsign: vk2vjb

[Non-text portions of this message have been removed]

11552. Re: 'UNLOCKED' at frequencies under 7.5MHz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-27 14:56:10 UTC
From: avvidclif
Topic: 11543 Message: 11552

Make sure you are adjusting TC1 that is next to TP1, not the other one.

Clif

--- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
>
> On Mon, Aug 27, 2012 at 12:20 PM, avvidclif <clif@...> wrote:
>
> > **
> >
> >
> > The set point will match, the check point is appx and as long as it's in
> > range of the VCO's operating range it's OK.
> >
> >
> it's definitely not in spec - although the error may be as simple as me
> using the wrong ground point for the measurement.
>
> I'm getting 1.8v at TP1 on the PLL board regardless of the setting for the
> trimmer (VCO1 -- TC1). I was planning on verifying this with the repair
> tech art the radio club this week as It's more likely a measurement error
> on my part.
>
> (ref service guide pages 107, 98/VCO1).
>
> Cheers
> J.
>
>
> --
> --
> Teach your kids Science, or somebody else will :/
>
> jason@...
> vk2vjb@... <vk2flnx@...>
> callsign: vk2vjb
>
>
> [Non-text portions of this message have been removed]
>

11553. Re: Repost needing help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-27 19:30:08 UTC
From: Stefaan
Topic: 11531 Message: 11553

Hi Bob,

That is indeed a PLL error.
Very common error. Most TS850's that I have seen had this problem after some time.
PLL chips need to be replaced or what Kenwood Service did was replacing the complete board.
The bad news is that these are custom chips made for Kenwood and by now they are obsolete.
Even Kenwood does not have them.

73
Stefaan - ON4FG

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> UL is unlock, as in pll so I guess you need to get the service manual and
> read on check that circuit
>
>
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of BobK
> Sent: August-16-12 1:03 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Repost needing help
>
> Hello first post.
> I picked up a ts-450s at a yard sale had been in storge 8 to 9 years,it has
> good rec and output Ant tuner working. After about 45 min.to an hour being
> turn on the display gos blank with just dots no #s,and giving a alarm in
> morse of UL UL UL.
> I have reset radio and after it sets for about 15 to 20 min,it will go back
> to working for another Hr. From reading messages on here Im thinking may
> have leaking caps. Needing info on where(what board)to start looking for
> problem,and what caps may be bad.
>
> Thanks
> Bob K
> KF5DCS
>
>
>
>
>
> ------------------------------------
>

> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11554. Re: The TS850 surge absorber

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-27 19:36:14 UTC
From: avvidclif
Topic: 11226 Message: 11554

Need to know what band? What about the rest of the bands? CW mode and max power and carrier. Probably shorted a few RX BPF diodes as well as killed the rx.

Clif

--- In TS-850_450_690@yahoogroups.com, "wn9d" <wn9d@...> wrote:
>
> While transmitting I saw a flash of bright light from the rear of my TS-850. Yep, the surge absorber is fried. First time ever for me. My manual is silent on this, yet I believe it prudent to not operate the rig and disconnect the antenna until surge absorber is replaced.
>
> Presently power output remains at 20 W max CW & FSK, about 50 W on SSB peaks. The power (PWR) control has no effect on power output, only the CAR control does. Has anyone else experienced similar symptoms associated with frying a surge absorber?
>
> Randy WN9D
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > The 3a fuse on the back is for the AT300 socket, nothing else.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@> wrote:
> > >
> > > If this was happening while connect anything live, it may have been the 3
> > > amp fuse on the rear of the set???
> > >
> > >
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> > > On Behalf Of pauldebono@
> > > Sent: March-27-12 8:45 AM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] The TS850 surge absorber
> > >
> > > I saw a big flash from the back of my TS850, and is probably a blown surge
> > > absorber. Do I need to change it ? If so, from where I can get it please ?
> > >
> > >
> > >

> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> >
>

11555. Fox-Tango filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 15:53:34 UTC
From: k4pdm
Topic: 11555 Message: 11555

I am considering buying a Fox-Tango CW filter for my TS-850SAT.

I know that they were good filters. Are they aging gracefully?

In other words, is it possible to expect as-new performance for now and some time in the future?

73 Thanks Paul K4PDM

11556. TS450 out of frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 13:14:24 UTC
From: isabelle.fourias
Topic: 11556 Message: 11556

Hi all,

My TS450s is a little bit down that the frequency displayed. About 200Hz of the initial frequency in TX. (In TX I display 14.200 and the trx TX on +/- 14.199,8)

I can correct this issue with the Xit, but I would like adjust correctly the trx without the Xit button.

Someone could tell me how to do ?

In RX I have the same pbl.

73s Marc

11557. RE: [TS-850_450_690] TS450 out of frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 19:20:33 UTC
From: Dave Gmail
Topic: 11556 Message: 11557

Where is the rit, or if shift, are they off or centered

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of isabelle.fourias
Sent: August-29-12 9:14 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450 out of frequency

Hi all,

My TS450s is a little bit down that the frequency displayed. About 200Hz of
the initial frequency in TX. (In TX I display 14.200 and the trx TX on +/-
14.199,8)

I can correct this issue with the Xit, but I would like adjust correctly the
trx without the Xit button.

Someone could tell me how to do ?

In RX I have the same pbl.

73s Marc

THANKS FOR USING TS-850_450_690@...! Groups Links

11558. RE: [TS-850_450_690] Fox-Tango filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 19:20:33 UTC
From: Dave Gmail
Topic: 11555 Message: 11558

Inrad filter , ok, but how do you wire and mount a yaesu filter in a kenwood radio

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of k4pdm
Sent: August-29-12 11:54 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Fox-Tango filter

I am considering buying a Fox-Tango CW filter for my TS-850SAT.

I know that they were good filters. Are they aging gracefully?

In other words, is it possible to expect as-new performance for now and some time in the future?

73 Thanks Paul K4PDM

THANKS FOR USING TS-850_450_690@...! Groups Links

11559. RE: [TS-850_450_690] Fox-Tango filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 19:52:24 UTC
From: Paul Manuel
Topic: 11555 Message: 11559

Fox Tango made filters for various brands, didn't they? They later became International radio and them Inrad.

Sent from my Motorola ATRIX™ 4G on AT&T

-----Original message-----
From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wed, Aug 29, 2012 19:20:40 GMT+00:00
Subject: RE: [TS-850_450_690] Fox-Tango filter

[Non-text portions of this message have been removed]

11560. RE: [TS-850_450_690] Fox-Tango filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 20:44:02 UTC
From: Dave Gmail
Topic: 11555 Message: 11560

Ok??? I had never heard that, so yaesu guys on this list will have to answer

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Paul Manuel
Sent: August-29-12 3:52 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Fox-Tango filter

Fox Tango made filters for various brands, didn't they? They later became International radio and them Inrad.

Sent from my Motorola ATRIX™ 4G on AT&T

-----Original message-----
From: Dave Gmail <ve3wej@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wed, Aug 29, 2012 19:20:40 GMT+00:00
Subject: RE: [TS-850_450_690] Fox-Tango filter

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11561. Re: [TS-850_450_690] Fox-Tango filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-29 20:44:08 UTC
From: Tom Osborne
Topic: 11555 Message: 11561

Inrad is the way to go. In the '450 and '850, they plug in. Easy job to mount them. 73
Tom W7WHY

>Inrad filter , ok, but how do you wire and mount a yaesu filter in a
>kenwood
>radio

11562. Re: TS450 out of frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-08-30 11:14:55 UTC
From: isabelle.fourias
Topic: 11556 Message: 11562

Hey,

The rit/xit are centered => 0.0
My 450 is transmitting about 200 hertz lower than is indicated on my radio readout.

Does anyone know how I might adjust that, or calibrate it back to on frequency?

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Where is the rit, or if shift, are they off or centered
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of isabelle.fourias
> Sent: August-29-12 9:14 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS450 out of frequency
>
> Hi all,
>
> My TS450s is a little bit down that the frequency displayed. About 200Hz of
> the initial frequency in TX. (In TX I display 14.200 and the trx TX on +/-
> 14.199,8)
>
> I can correct this issue with the Xit, but I would like adjust correctly the
> trx without the Xit button.
>
> Someone could tell me how to do ?
>
> In RX I have the same pbl.
>
> 73s Marc
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11563. dds2 chip brake point.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-02 15:06:56 UTC
From: Fredrick
Topic: 11563 Message: 11563

I'm looking at a 7 mill serial number 850 and was wondering
what the brake point for the new/better dds chips was.
Also do they all have the leaky cap problem or is it
less likely on a late production rig?

Can't wait to get it it will be taking place of my ts-830.
It will be nice to not have to tune anytime I change freq and be
able to work split without the remote VFO(don't have one anyway)
One other question. Is there a way to hook up my sm220 to the 455khz
if stage to monitor the rf in signal?

I've also hooked my 830 on the if2 8.83mhz to my sdr rx and tune the sdr to 8.83mhz and use it as a band-scope. Works well enough. Plus only cost about $70.00 to do.

11564. TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-02 20:27:59 UTC
From: w9ffc
Topic: 11564 Message: 11564

I have the Ameritron 811 amplifier (600 watt) and I would like to find out how some of you tune up your amplifier when driven by a TS850. I know much has been written on this subject and that's the confusing part.
Do I use the rigs tune button, which only gives 50 watts output, setting up the amplifier with 50 watts drive and then when tuned use the PWR knob to increase the drive and finally retune the amplifier, or use key down cw with full power out of rig and tune the amplifer at full power?

Thanks for your comments.....Bob

11565. Re: [TS-850_450_690] TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-02 22:00:26 UTC
From: Crownhaven
Topic: 11564 Message: 11565

I tune in FSK mode.

Steve, N4JQQ

On 9/2/2012 3:27 PM, w9ffc wrote:
>
> I have the Ameritron 811 amplifier (600 watt) and I would like to find
> out how some of you tune up your amplifier when driven by a TS850. I
> know much has been written on this subject and that's the confusing part.
> Do I use the rigs tune button, which only gives 50 watts output,
> setting up the amplifier with 50 watts drive and then when tuned use
> the PWR knob to increase the drive and finally retune the amplifier,
> or use key down cw with full power out of rig and tune the amplifer at
> full power?
>
> Thanks for your comments.....Bob
>
>

[Non-text portions of this message have been removed]

11566. Re: dds2 chip brake point.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-03 10:07:23 UTC
From: Alex
Topic: 11563 Message: 11566

Fredrick

You should find a TS850 with serial 5 mill serial its DDS chip is already improve/new one, but this is not an assurance that the caps wont leak, my brother have a 6 mill 850 but still it shows capacitor leak same as his 3 mill 850. So its the capacitor it self is the problem, when i replace those DDS board caps i use higher voltage rating. If iam not mistaken the orig is 10V i replace it with 16V, same lead less type caps.

Hope this helps.

Alex
DV1TBX

--- In TS-850_450_6

90@yahoogroups.com, "Fredrick" <geartech@...> wrote:
>
> I'm looking at a 7 mill serial number 850 and was wondering
> what the brake point for the new/better dds chips was.
> Also do they all have the leaky cap problem or is it
> less likely on a late production rig?
>
> Can't wait to get it it will be taking place of my ts-830.
> It will be nice to not have to tune anytime I change freq and be
> able to work split without the remote VFO(don't have one anyway)
> One other question. Is there a way to hook up my sm220 to the 455khz
> if stage to monitor the rf in signal?
>
> I've also hooked my 830 on the if2 8.83mhz to my sdr rx and tune the sdr to 8.83mhz and use it as a band-scope. Works well enough. Plus only cost about $70.00 to do.
>

11567. Re: TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-03 17:55:49 UTC
From: bswadener
Topic: 11564 Message: 11567

Bob,

The "Tune" button has no function for tuning an external amplifier. It is a receive only function, used to zero-beat a Morse signal.

I just use CW mode with a straight key, and adjust CAR to adjust drive to my SB-220. If I'm going to operate using CW, I tune the amplifier for maximum output, with grid current no higher than the maximum allowed for my amplifier. If I'm going to operate SSB, I then adjust for best linearity as shown by my monitor oscilloscope.

Tuning for maximum CW power and then using SSB/AM results in severe flat topping (clipping), and a signal that's a mile wide.

vy 73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, W9FFC wrote:
>
> I have the Ameritron 811 amplifier (600 watt) and I would like to find out how some of you tune up your amplifier when driven by a TS850. I know much has been written on this subject and that's the confusing part.
> Do I use the rigs tune button, which only gives 50 watts output, setting up the amplifier with 50 watts drive and then when tuned use the PWR knob to increase the drive and finally retune the amplifier, or use key down cw with full power out of rig and tune the amplifer at full power?
>
> Thanks for your comments.....Bob

11568. Problem with SSB power output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-03 15:20:34 UTC
From: kicky
Topic: 11568 Message: 11568

There is no SSB power output from my TS 850 S,without turning the carier knob clockwise.Absolutely no SSB power,when I shut off the carier knob.Could somebody help me...?I have changed all caps on the carier unit.Thank You from YB3RF-Kicky.

11569. Re: TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-03 20:28:55 UTC
From: w9ffc
Topic: 11564 Message: 11569

Thanks to all for your comments, I'm on the right track now.

73.....Bob

--- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
>
> Bob,
>
> The "Tune" button has no function for tuning an external amplifier. It is a receive only function, used to zero-beat a Morse signal.
>
> I just use CW mode with a straight key, and adjust CAR to adjust drive to my SB-220. If I'm going to operate using CW, I tune the amplifier for maximum output, with grid current no higher than the maximum allowed for my amplifier. If I'm going to operate SSB, I then adjust for best linearity as shown by my monitor oscilloscope.
>
> Tuning for maximum CW power and then using SSB/AM results in severe flat topping (clipping), and a signal that's a mile wide.
>
> vy 73,
> Bryan WA7PRC
>
> --- In TS-850_450_690@yahoogroups.com, W9FFC wrote:
> >
> > I have the Ameritron 811 amplifier (600 watt) and I would like to find out how some of you tune up your amplifier when driven by a TS850. I know much has been written on this subject and that's the confusing part.
> > Do I use the rigs tune button, which only gives 50 watts output, setting up the amplifier with 50 watts drive and then when tuned use the PWR knob to increase the drive and finally retune the amplifier, or use key down cw with full power out of rig and tune the amplifer at full power?
> >
> > Thanks for your comments.....Bob
>

11570. Re: [TS-850_450_690] Re: TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-03 21:09:12 UTC
From: Eric Camerato
Topic: 11564 Message: 11570

Hi friends. To complement what friends said, has a ameritron video on youtube...

http://m.youtube.com/results?q=tune%20ameritron%20amplifier#/watch?v=OT1UaCrVvd4
http://m.youtube.com/results?q=tune%20ameritron%20amplifier#/watch?v=zPcfRfn_No0

73...

[Non-text portions of this message have been removed]

11571. Re: TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-05 12:58:47 UTC
From: Ramon DU1FV
Topic: 11564 Message: 11571

I think Bob meant "at tune" button not the "tune" button.

11572. Some keys on TS-850 no longer work

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-06 03:03:22 UTC
From: Tom Rohrs
Topic: 11564 Message: 11572

Suddenly some of the keys on the front of my TS-850 no longer work.

Some that don't work are: MHZ, Down, Up, both Filter keys, maybe more

Some keys that do work: F.Lock, all Mode keys, Meter, at least some on the "Key" keypad, and more

Some I can't tell for sure.

Any idea of what I should check?

Thanks

73,

-Tom-

K5TTL

[Non-text portions of this message have been removed]

11573. RE: [TS-850_450_690] Some keys on TS-850 no longer work

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-06 04:25:22 UTC
From: Tom Rohrs
Topic: 11564 Message: 11573

Nevermind. I reset the processor and that fixed the problem.

73
Tom, K5TTL

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Tom Rohrs
Sent: Wednesday, September 05, 2012 10:03 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Some keys on TS-850 no longer work

Suddenly some of the keys on the front of my TS-850 no longer work.

Some that don't work are: MHZ, Down, Up, both Filter keys, maybe more

Some keys that do work: F.Lock, all Mode keys, Meter, at least some on the
"Key" keypad, and more

Some I can't tell for sure.

Any idea of what I should check?

Thanks

73,

-Tom-

K5TTL

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

11574. Re: Some keys on TS-850 no longer work

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-06 04:29:59 UTC
From: avvidclif
Topic: 11564 Message: 11574

Page 181 of the service manual shows they are in a 6x6 matrix. If you would map out which work and which don't you could compare to the matrix and see which data lines are missing. With that info it shouldn't be hard to fix. Or at least isolate where the problem is.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Rohrs" <tgrohrs@...> wrote:
>
> Suddenly some of the keys on the front of my TS-850 no longer work.
>
> Some that don't work are: MHZ, Down, Up, both Filter keys, maybe more
>
> Some keys that do work: F.Lock, all Mode keys, Meter, at least some on the
> "Key" keypad, and more
>
> Some I can't tell for sure.
>
>
>
> Any idea of what I should check?
>
>
>
> Thanks
>
> 73,
>
> -Tom-
>
> K5TTL
>
>
>
> [Non-text portions of this message have been removed]
>

11575. RE: [TS-850_450_690] Re: Some keys on TS-850 no longer work

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-06 14:32:06 UTC
From: Tom Rohrs
Topic: 11564 Message: 11575

Thanks very much, Clif!

I "re-booted" the radio and that cleared up the problem. Don't know how it got "confused", but it appears to be working fine now.

73
Tom, K5TTL

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of avvidclif
Sent: Wednesday, September 05, 2012 11:30 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Some keys on TS-850 no longer work

Page 181 of the service manual shows they are in a 6x6 matrix. If you would map out which work and which don't you could compare to the matrix and see which data lines are missing. With that info it shouldn't be hard to fix. Or at least isolate where the problem is.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Rohrs" <tgrohrs@...> wrote:
>
> Suddenly some of the keys on the front of my TS-850 no longer work.
>
> Some that don't work are: MHZ, Down, Up, both Filter keys, maybe more
>
> Some keys that do work: F.Lock, all Mode keys, Meter, at least some on
> the "Key" keypad, and more
>
> Some I can't tell for sure.
>
>
>
> Any idea of what I should check?
>
>
>
> Thanks
>
> 73,
>
> -Tom-
>
> K5TTL

>
>
>
> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...! Groups Links

11576. Re: [TS-850_450_690] Re: TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-06 16:49:16 UTC
From: Bob Naylor
Topic: 11564 Message: 11576

Bryan, The tune button (not the antenna tune button) is also used to help tune for example, with the tune button on, you can key the mic and get about half power out controlled by the carrier control. I use this all the time since my antenna uses open wire feed line.Bob
 WE6C

--- On Mon, 9/3/12, bswadener <bswadener@...> wrote:

From: bswadener <bswadener@yahoo.com>
Subject: [TS-850_450_690] Re: TS850 and Amplifier Tuning
To: TS-850_450_690@yahoogroups.com
Date: Monday, September 3, 2012, 10:55 AM

Bob,

The "Tune" button has no function for tuning an external amplifier. It is a receive only function, used to zero-beat a Morse signal.

I just use CW mode with a straight key, and adjust CAR to adjust drive to my SB-220. If I'm going to operate using CW, I tune the amplifier for maximum output, with grid current no higher than the maximum allowed for my amplifier. If I'm going to operate SSB, I then adjust for best linearity as shown by my monitor oscilloscope.

Tuning for maximum CW power and then using SSB/AM results in severe flat topping (clipping), and a signal that's a mile wide.

vy 73,

Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, W9FFC wrote:

>

> I have the Ameritron 811 amplifier (600 watt) and I would like to find out how some of you tune up your amplifier when driven by a TS850. I know much has been written on this subject and that's the confusing part.

> Do I use the rigs tune button, which only gives 50 watts output, setting up the amplifier with 50 watts drive and then when tuned use the PWR knob to increase the drive and finally retune the amplifier, or use key down cw with full power out of rig and tune the amplifer at full power?

>

> Thanks for your comments.....Bob

[Non-text portions of this message have been removed]

11577. Re: TS850 and Amplifier Tuning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-07 01:32:00 UTC
From: bswadener
Topic: 11564 Message: 11577

It's still of no value to Bob/W9FFC.

vy 73,
Bryan WA7PRC

--- Bob Naylor wrote:
>
> Bryan, The tune button (not the antenna tune button) is also used to help tune for example, with the tune button on, you can key the mic and get about half power out controlled by the carrier control. I use this all the time since my antenna uses open wire feed line.Bob Â WE6C
>
> --- On Mon, 9/3/12, bswadener <bswadener@...> wrote:
>
> From: Bryan WA7PRC
> Subject: [TS-850_450_690] Re: TS850 and Amplifier Tuning
> To: TS-850_450_690@yahoogroups.com
> Date: Monday, September 3, 2012, 10:55 AM
>
>
> Bob,
>
> The "Tune" button has no function for tuning an external amplifier. It is a receive only function, used to zero-beat a Morse signal.
>
> I just use CW mode with a straight key, and adjust CAR to adjust drive to my SB-220. If I'm going to operate using CW, I tune the amplifier for maximum output, with grid current no higher than the maximum allowed for my amplifier. If I'm going to operate SSB, I then adjust for best linearity as shown by my monitor oscilloscope.
>
> Tuning for maximum CW power and then using SSB/AM results in severe flat topping (clipping), and a signal that's a mile wide.
>
> vy 73,
>
> Bryan WA7PRC
>
> --- In TS-850_450_690@yahoogroups.com, W9FFC wrote:
>
> >
> > I have the Ameritron 811 amplifier (600 watt) and I would like to find out how some of you tune up your amplifier when driven by a TS850. I know much has been written on this subject and that's the confusing part.
> > Do I use the rigs tune button, which only gives 50 watts output, setting up the amplifier with 50 watts drive and then when tuned use the PWR knob to increase the drive

and finally retune the amplifier, or use key down cw with full power out of rig and tune the amplifer at full power?
> >
> > Thanks for your comments.....Bob

11578. Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-07 22:44:09 UTC
From: m6gbt
Topic: 11534 Message: 11578

Sorry for late reply Dan
I have since tried 2 ftdi cables 6 pin to usb and still no success tried the rig on another pc is there anything else you or anyone can suggest

Thanks
Pete

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Do you have the serial device on a usb to serial adapter, or direct to it's
> own serial jack???
>
>
> Do you have HRD on auto, so it will check all ports and baud rates..
> (although it should be on 4800)
>
> 4800,8,n,2
>
>
> Maybe the usb devices re assigned it self
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of birchardvilleobservatory
> Sent: August-20-12 8:00 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: CAT trouble.....Failed to read freq
>
> You've already done my first suggestion -- "reseating" the connections.
> You've also already done my second -- "try another cable".
>
> I wish I could give you some other ideas. You said it does not read
> frequency, but do other functions work at all?
>
> Dan
>
> --- In TS-850_450_690@yahoogroups.com, "m6gbt" <m6gbt@> wrote:
> >
> > Having cat problems with both my TS850 and TS450 checked baud rate which
> is set to 4800 cleared registry for com port assignment in XP pro with SP3.
> Tried 2 known working cables the problem has just started after many months
> of trouble free qso's using Ham Radio Deluxe B2893
> >
> > cant figure out why it would work one min and not the next, I would not

> have thought 2 rigs and cables could produce the same fault?
> >
> > Has anyone had this problem?
> >
> > Thanks
> > Pete
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

11579. Re: [TS-850_450_690] Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-08 03:45:55 UTC
From: Tom Osborne
Topic: 11534 Message: 11579

Hi Pete

I had the same problem with my TS-450 and it was the interface board where the cable plugs in to the radio that was going bad. I bought another board off of eBay and it's worked fine ever since. 73
Tom W7WHY

Sorry for late reply Dan
I have since tried 2 ftdi cables 6 pin to usb and still no success tried the rig on another pc is there anything else you or anyone can suggest

Thanks
Pete

11580. RE: [TS-850_450_690] Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-08 04:05:38 UTC
From: Dave Gmail
Topic: 11534 Message: 11580

What com ports is windows reporting the adapters to be at. If they are NOT showing up, then you may have either the wrong driver, or a defective unit(s)???

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of m6gbt
Sent: September-07-12 6:44 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: CAT trouble.....Failed to read freq

Sorry for late reply Dan
I have since tried 2 ftdi cables 6 pin to usb and still no success tried the rig on another pc is there anything else you or anyone can suggest

Thanks
Pete

--- In TS-850_450_690@yahoogroups.com, "Dave Gmail" <ve3wej@...> wrote:
>
> Do you have the serial device on a usb to serial adapter, or direct to it's
> own serial jack???
>
>
> Do you have HRD on auto, so it will check all ports and baud rates..
> (although it should be on 4800)
>
> 4800,8,n,2
>
>
> Maybe the usb devices re assigned it self
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of birchardvilleobservatory
> Sent: August-20-12 8:00 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: CAT trouble.....Failed to read freq
>
> You've already done my first suggestion -- "reseating" the connections.
> You've also already done my second -- "try another cable".
>
> I wish I could give you some other ideas. You said it does not read

> frequency, but do other functions work at all?
>
> Dan
>
> --- In TS-850_450_690@yahoogroups.com, "m6gbt" <m6gbt@> wrote:
> >
> > Having cat problems with both my TS850 and TS450 checked baud rate which
> is set to 4800 cleared registry for com port assignment in XP pro with
SP3.
> Tried 2 known working cables the problem has just started after many
months
> of trouble free qso's using Ham Radio Deluxe B2893
> >
> > cant figure out why it would work one min and not the next, I would not
> have thought 2 rigs and cables could produce the same fault?
> >
> > Has anyone had this problem?
> >
> > Thanks
> > Pete
> >
>
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>

THANKS FOR USING TS-850_450_690@...! Groups Links

11581. Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-08 06:05:57 UTC
From: m6gbt
Topic: 11534 Message: 11581

Hi Dan
Since my 450 went up with a bang for no apparent reason I have an 850 have you any idea of the part number for the 6 pin acc1 board?

Thanks
Pete

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Pete
>
> I had the same problem with my TS-450 and it was the interface board where
> the cable plugs in to the radio that was going bad. I bought another board
> off of eBay and it's worked fine ever since. 73
> Tom W7WHY
>
>
>
> Sorry for late reply Dan
> I have since tried 2 ftdi cables 6 pin to usb and still no success tried the
> rig on another pc is there anything else you or anyone can suggest
>
> Thanks
> Pete
>

11582. Re: [TS-850_450_690] Re: CAT trouble.....Failed to read freq

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-08 16:14:37 UTC
From: Tom Osborne
Topic: 11534 Message: 11582

The one that came out of my '450 was X46-3120-00. And,, under that is
J72-0105-32. 73
Tom W7WHY

Hi Dan
Since my 450 went up with a bang for no apparent reason I have an 850 have
you any idea of the part number for the 6 pin acc1 board?

Thanks
Pete

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi Pete
>
> I had the same problem with my TS-450 and it was the interface board where
> the cable plugs in to the radio that was going bad. I bought another board
> off of eBay and it's worked fine ever since. 73
> Tom W7WHY
>
>
>
> Sorry for late reply Dan
> I have since tried 2 ftdi cables 6 pin to usb and still no success tried
> the
> rig on another pc is there anything else you or anyone can suggest
>
> Thanks
> Pete
>

11583. Re: CAT problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-08 06:01:25 UTC
From: m6gbt
Topic: 3662 Message: 11583

I have had to of these cables go the same way, checked them out with hyper terminal since then tried 2 ftdi cables which echo back and still no go did you find a solution? this problem is with my 450 & 850

Pete
--- In TS-850_450_690@yahoogroups.com, "pa0mir" <n.byl@...> wrote:
>
> Hi,
>
> RIG: TS450
> CAT: homebrew with 7404 and MAX232
> tried different computers, all the same problem
> In september before leaving for 9H all was fine
> Had a working CAT interface, doing everything fine
> Now back and putting station together again no frequency readout anymore.
> After my holiday put everything together again but now the RIG does listen to the CAT but does not give any replies to the computer. Yet the path back is working, tested when putting a signal backward.
> So give a command, rig listens e.g. QSY or change mode
> But ask frequency rig does not give out information
> Anybody has an idea as to this point? Checked every setting and connection, but found nothing amiss.
>
> PA0MIR/9H3MIR
> pa0mir@...
>
> [Non-text portions of this message have been removed]
>

11584. new member - missing buttons - wanted!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-14 08:23:08 UTC
From: m6usv
Topic: 11584 Message: 11584

Hi all,

I have just joined the group and pleased to see a info centre for the 850.

Its been a bit of a learning curve as I am new to the hobby with only a year of 'am gear under my belt.

First issue was the rig had been dropped and the face was bashed in, luckily the plastic is only marked and not damaged but a large amount of bending had been required to make the frame straight behind the front facia. None of the buttons in the centre of the radio would touch the buttons at the back of the frame and PCBs so the radio was near unusable.

All that is fixed and last night I set about doing more than receive. I quickly found out the limited operation on 40m where in the UK the band goes outside of the limits of this radio. I don't know the history of the bands in the UK but I can only guess that 20 years ago we didn't have up to 7.2. The manual states that it should have up to 7.3 but it didn't.

Anyways, I'm quite happy now with the radio, it seems good despite seeming a little hard work in comparison to my other radios but im getting used to it and I think im going to warm to it and really like it.

I need help with one thing though.....

Does anybody have any spares for sale? In particular I would like to buy a set of buttons for the front of the radio.

I'm missing 4 buttons in total. The [0] (zero) from the number pad along with its neighbor the [ENT] button. I would be quite happy with any other button from the radio and I will demark and remark with the correct label if anybody has others. I'm also after 2 of the push extension buttons that fit over the [Thru/Auto] and [AT Tune] although these are not important as I dont have the internal tuner to actually use but I would rather not have holes in the facia.

I would also at some point like to acquire a digital board for the recording facility to add to this radios ability.

Hi all and thanks

Denis - 2e0usv - Nr Sheffield, UK

11585. Re: new member - missing buttons - wanted!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-16 23:55:06 UTC
From: john_aa3m
Topic: 11584 Message: 11585

This recorder works well.

http://www.piexx.com/index.php?main_page=product_info&products_id=61

Best Regards
John

> I would also at some point like to acquire a digital board for the recording facility to add to this radios ability.
>
> Hi all and thanks
>
> Denis - 2e0usv - Nr Sheffield, UK
>

11586. TS450 Computer Programming

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-18 14:44:40 UTC
From: tpd718
Topic: 11586 Message: 11586

Can anyone provide any information on programming the TS450 by computer? Cable, interfaces, software, radio settings and/or set up. I have the USB cable, but not sure how to proceed. Any information would be appreciated. Thanks.

11587. Re: [TS-850_450_690] TS450 Computer Programming

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-18 19:39:30 UTC
From: Tom Osborne
Topic: 11586 Message: 11587

Hi

Not sure what you mean by 'programming'. Most of the settings for the Kenwoods are 4800, N, 8 and 2.

If you are looking for rig control, or CAT, download the latest copy of Ham Radio Deluxe (it's free).

There is an option ther for setting up comports, etc. You can click on 'auto detect' and it will find the comport, baud rate, etc. 73

Tom W7WHY

Can anyone provide any information on programming the TS450 by computer? Cable, interfaces, software, radio settings and/or set up. I have the USB cable, but not sure how to proceed. Any information would be appreciated. Thanks.

11588. Re: TS450 Computer Programming

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-19 12:38:51 UTC
From: tpd718
Topic: 11586 Message: 11588

Thanks for the reply. I am really just intrested in programming the memory channels via computer. I will take a at Ham Radio Deluxe.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Hi
>
> Not sure what you mean by 'programming'. Most of the settings for the
> Kenwoods are 4800, N, 8 and 2.
>
> If you are looking for rig control, or CAT, download the latest copy of Ham
> Radio Deluxe (it's free).
>
> There is an option ther for setting up comports, etc. You can click on
> 'auto detect' and it will find the comport, baud rate, etc. 73
>
> Tom W7WHY
>
>
>
>
> Can anyone provide any information on programming the TS450 by computer?
> Cable, interfaces, software, radio settings and/or set up. I have the USB
> cable, but not sure how to proceed. Any information would be appreciated.
> Thanks.
>

11589. Re: [TS-850_450_690] Re: TS450 Computer Programming

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-19 18:41:26 UTC
From: Frank Raffaele
Topic: 11586 Message: 11589

HRD doesn't program the memory channels. This is the only program I have found (to date) that does: http://groups.yahoo.com/group/Kenwood_Smart_Memory/ (open membership)

It's bare-bones basic, free and pretty straight forward.

Frank.

----- Original Message -----
From: tpd718
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 19, 2012 8:38 AM
Subject: [TS-850_450_690] Re: TS450 Computer Programming

Thanks for the reply. I am really just intrested in programming the memory channels via computer. I will take a at Ham Radio Deluxe.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:

[Non-text portions of this message have been removed]

11590. Re: TS450 Computer Programming

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-20 01:58:13 UTC
From: tpd718
Topic: 11586 Message: 11590

That is exactly what I was looking for. Thanks! However, it's not detecting my radio. I set the comm port as directed. I enabled data transfer (#17). Anything else I need to do? I got this radio used. It had a hard life and I had to get some repair work done on it. I suspect this function may not be working.

--- In TS-850_450_690@yahoogroups.com, Frank Raffaele <kc2mbv@...> wrote:
>
> HRD doesn't program the memory channels. This is the only program I have found (to date) that does: http://groups.yahoo.com/group/Kenwood_Smart_Memory/ (open membership)
>
> It's bare-bones basic, free and pretty straight forward.
>
> Frank.
>
>
> ----- Original Message -----
> From: tpd718
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, September 19, 2012 8:38 AM
> Subject: [TS-850_450_690] Re: TS450 Computer Programming
>
>
>
> Thanks for the reply. I am really just intrested in programming the memory channels via computer. I will take a at Ham Radio Deluxe.
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
>
>
> [Non-text portions of this message have been removed]
>

11591. Re: TS450 Computer Programming

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-20 02:25:11 UTC
From: avvidclif
Topic: 11586 Message: 11591

Read the manual.

#1 the data transfer function is to copy one radios settings to another, not communicate with a computer. Turn it OFF

#2 The radio data connection is TTL level not RS232. You must have a TTL-RS232 Converter for the computer to "talk" to the radio.

Clif

--- In TS-850_450_690@yahoogroups.com, "tpd718" <tpd718@...> wrote:
>
> That is exactly what I was looking for. Thanks! However, it's not detecting my radio. I set the comm port as directed. I enabled data transfer (#17). Anything else I need to do? I got this radio used. It had a hard life and I had to get some repair work done on it. I suspect this function may not be working.
>
> --- In TS-850_450_690@yahoogroups.com, Frank Raffaele <kc2mbv@> wrote:
> >
> > HRD doesn't program the memory channels. This is the only program I have found (to date) that does: http://groups.yahoo.com/group/Kenwood_Smart_Memory/ (open membership)
> >
> > It's bare-bones basic, free and pretty straight forward.
> >
> > Frank.
> >
> >
> > ----- Original Message -----
> > From: tpd718
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, September 19, 2012 8:38 AM
> > Subject: [TS-850_450_690] Re: TS450 Computer Programming
> >
> >
> >
> > Thanks for the reply. I am really just intrested in programming the memory channels via computer. I will take a at Ham Radio Deluxe.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@> wrote:
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11592. Electrolytics

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-21 18:23:49 UTC
From: villy.madsen
Topic: 11592 Message: 11592

An interesting article on the effects of temperature etc on Electrolytics

http://www.edn.com/design/components-and-packaging/4396282/Power-Tip--50--Avoid-these-common-aluminum-electrolytic-capacitor-pitfalls?cid=Newsletter+-+EDN+on+Power+Technology

11593. Count on Newark in a pinch (slightly OT- but not much)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-22 16:20:57 UTC
From: w7jpg
Topic: 11593 Message: 11593

I have to share some really good news regarding Newark's weekend support. A 47 uF 16V electrolytic to be used on my TS-850's CAR board has been on back order for five weeks. I figured I'd better call before I kicked or the board disintegrated.

I called the customer service number on the Newark packing list thinking there was a 10% chance someone would answer the phone on Saturday. Predictably, the first part of the recorded message stated that they don't do business on Saturday..etc. etc.

Now for the good news. According to the lady on the recorded message, Newark offers a weekend emergency order service. For a minimum order of (only) $100 and a minimum shipping charge of (only) $250, the emergency order team will help if you leave your number for them to call back. I guess hams aren't their major clients.

Thought you all would enjoy this pick-me-up and throw me down on the floor LMAO story.

73
Chris
W7JPG

11594. Service Manual error for IF Unit C-167?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-22 22:34:13 UTC
From: w7jpg
Topic: 11468 Message: 11594

I am also preparing to recap my 850s. I was looking for (and found) one of the caps that Clif mentioned needs to be replaced (C-182 audio section). While looking for other 470 uF caps, I was comparing the IF Unit parts list on page 73 in the service manual to the schematic (p154 - lower right corner) and component side view (p142 -lower left corner). Anyway on page 73, C-167 is shown as a 470 uF 10wv electro. When I went to the component page, the cap looks to be much smaller than C-182. The schematic shows this cap to be 10 uF 16V. It appears the parts list is wrong but I thought I would check with the experts. Any more errors like this to trip up us newbies?
Thanks,
Chris
W7JPG

--- In TS-850_450_690@yahoogroups.com, "Steve C" <karaokegod73@...> wrote:
>
> I'm about to do my capacitors in my 850 (20... serial number with old chips, hope they stay working). There is not much leakage that can be seen so I checked them plenty soon enough, just waiting for replacements to come in and building up my confidence in doing this. Watched a video, the guy makes it look easy anyway. The battery I will do some time later, it is not leaking anything and I didn't find any signs of any other problems anywhere...also the radio is working fine. I want to keep it that way!
>

11595. Re: Service Manual error for IF Unit C-167?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 02:47:39 UTC
From: avvidclif
Topic: 11468 Message: 11595

You keep mixing up numbers, C187, C182, & C167. The cap to be replaced is C187 which is a 470uf 10v 105 deg cap. I use a 470uf 25v 105 deg cap.

Clif

--- In TS-850_450_690@yahoogroups.com, "w7jpg" <ckepus@...> wrote:
>
>
>
> I am also preparing to recap my 850s. I was looking for (and found) one of the caps that Clif mentioned needs to be replaced (C-182 audio section). While looking for other 470 uF caps, I was comparing the IF Unit parts list on page 73 in the service manual to the schematic (p154 - lower right corner) and component side view (p142 -lower left corner). Anyway on page 73, C-167 is shown as a 470 uF 10wv electro. When I went to the component page, the cap looks to be much smaller than C-182. The schematic shows this cap to be 10 uF 16V. It appears the parts list is wrong but I thought I would check with the experts. Any more errors like this to trip up us newbies?
> Thanks,
> Chris
> W7JPG
>
> --- In TS-850_450_690@yahoogroups.com, "Steve C" <karaokegod73@> wrote:
> >
> > I'm about to do my capacitors in my 850 (20... serial number with old chips, hope they stay working). There is not much leakage that can be seen so I checked them plenty soon enough, just waiting for replacements to come in and building up my confidence in doing this. Watched a video, the guy makes it look easy anyway. The battery I will do some time later, it is not leaking anything and I didn't find any signs of any other problems anywhere...also the radio is working fine. I want to keep it that way!
> >
>

11596. Re: Count on Newark in a pinch (slightly OT- but not much)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 02:50:37 UTC
From: David Rust
Topic: 11593 Message: 11596

Not surprising, customer service and the wash your windshield at the filling station are a thing of the past.

Sad....
Dave W0dLR

11597. Re: [TS-850_450_690] Count on Newark in a pinch (slightly OT- but not much)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 06:29:52 UTC
From: Zack Widup
Topic: 11593 Message: 11597

I have not been happy with Newark's service. Even during weekdays I
have had some bad experiences with them. I decided several years ago
that I wouldn't deal with them unless I absolutely had to.

On the other hand, I have had superb service from both Digi-Key and
Mouser Electronics for years. I ordered some connectors from Mouser a
few years ago and they sent me the wrong ones, which happened to also
be worth about 10 times the ones I ordered. Since I couldn't use them
and felt the parts were too costly to keep, I got a RM # from them and
they paid for the return. And then they sent me a small gift
certificate for doing it! I couldn't complain about that.

73, Zack W9SZ

On 9/22/12, w7jpg <ckepus@...> wrote:
> I have to share some really good news regarding Newark's weekend support. A
> 47 uF 16V electrolytic to be used on my TS-850's CAR board has been on back
> order for five weeks. I figured I'd better call before I kicked or the
> board disintegrated.
>
> I called the customer service number on the Newark packing list thinking
> there was a 10% chance someone would answer the phone on Saturday.
> Predictably, the first part of the recorded message stated that they don't
> do business on Saturday..etc. etc.
>
> Now for the good news. According to the lady on the recorded message, Newark
> offers a weekend emergency order service. For a minimum order of (only)
> $100 and a minimum shipping charge of (only) $250, the emergency order team
> will help if you leave your number for them to call back. I guess hams
> aren't their major clients.
>
> Thought you all would enjoy this pick-me-up and throw me down on the floor
> LMAO story.
>
> 73
> Chris
> W7JPG
>
>
>
>

11598. Re: Count on Newark in a pinch (slightly OT- but not much)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 11:36:14 UTC
From: dsh_0403
Topic: 11593 Message: 11598

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz.zack@...> wrote:
>
> I have not been happy with Newark's service. Even during weekdays I
> have had some bad experiences with them. I decided several years ago
> that I wouldn't deal with them unless I absolutely had to.
>
> On the other hand, I have had superb service from both Digi-Key and
> Mouser Electronics for years. I ordered some connectors from Mouser a
> few years ago and they sent me the wrong ones, which happened to also
> be worth about 10 times the ones I ordered. Since I couldn't use them
> and felt the parts were too costly to keep, I got a RM # from them and
> they paid for the return. And then they sent me a small gift
> certificate for doing it! I couldn't complain about that.
>
> 73, Zack W9SZ
>

I had a similar experience with Newark perhaps about 6 years ago. I had ordered some parts for a project and when the order arrived it included 5 giant electrolytic capacitors that I had not ordered that cost well over a $100. They sent out the right caps that I had ordered when I told them about the mix up and they paid the shipping back on the electrolytics but no gift certificate of any size. I guess that should not be a surprise to either your or JPG. They are usually my last choice for parts as well.

11599. Carrier Output power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 15:11:45 UTC
From: andrewburfield
Topic: 11599 Message: 11599

Hi,
With the PWR control fully clockwise, 100w on the CAR control is reached at exactly halfway (position 5) of the dial. I see 100w AM,FM,CW and FSK on the meter. after this halfway position is passed there is no furthur power output but the alc begins to rise to full scale by poistion 10. Is something incorrectly adjusted?

11600. Re: Service Manual error for IF Unit C-167?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 16:13:08 UTC
From: w7jpg
Topic: 11468 Message: 11600

Thanks for the info on the C187 replacement. I found EB5AGV's pictures of the audio section of the IF Unit which clearly shows C187, not C182, as the leaker.

Regarding C167: As stated in my prior message, I was looking through the IF Unit parts list for other 450 uF caps and noted C167 which is identified as a 450 uF electro cap. However, the schematic shows this as a 10 uF cap. Hence my question about the error.

Chris
W7JPG

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You keep mixing up numbers, C187, C182, & C167. The cap to be replaced is C187 which is a 470uf 10v 105 deg cap. I use a 470uf 25v 105 deg cap.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "w7jpg" <ckepus@> wrote:
> >
> >
> >
> > I am also preparing to recap my 850s. I was looking for (and found) one of the caps that Clif mentioned needs to be replaced (C-182 audio section). While looking for other 470 uF caps, I was comparing the IF Unit parts list on page 73 in the service manual to the schematic (p154 - lower right corner) and component side view (p142 -lower left corner). Anyway on page 73, C-167 is shown as a 470 uF 10wv electro. When I went to the component page, the cap looks to be much smaller than C-182. The schematic shows this cap to be 10 uF 16V. It appears the parts list is wrong but I thought I would check with the experts. Any more errors like this to trip up us newbies?
> > Thanks,
> > Chris
> > W7JPG
> >
> > --- In TS-850_450_690@yahoogroups.com, "Steve C" <karaokegod73@> wrote:
> > >
> > > I'm about to do my capacitors in my 850 (20... serial number with old chips, hope they stay working). There is not much leakage that can be seen so I checked them plenty soon enough, just waiting for replacements to come in and building up my confidence in doing this. Watched a video, the guy makes it look easy anyway. The battery I will do some time later, it is not leaking anything and I didn't find any signs of any other problems anywhere...also the radio is working fine. I want to keep it that way!
> > >
> >
> >
>

11601. fwd:

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 16:30:18 UTC
From: Jim Baumann
Topic: 11601 Message: 11601

wow this is pretty crazy you should look into it
http://www.consumernews7om.net/work/?money=86335

11602. FS: YG-455C-1 plug-in CW filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-23 17:02:25 UTC
From: Nick - VE3EY
Topic: 11602 Message: 11602

For sale: YG-455C-1 plug-in CW filter for many popular Kenwood Radios such as TS-850, TS-930, TS-940 etc.

Asking $80 for it

Nick
ve3ey

[Non-text portions of this message have been removed]

11603. Re: Count on Newark in a pinch (slightly OT- but not much)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-24 01:52:25 UTC
From: n0pxj
Topic: 11593 Message: 11603

All,
Iv'e been using multilayer ceramics to repleace electrolytic caps for years now. They are better caps. You may have to stack them to get the mfd you want. They are made out of rocks and should last forever.
Carl N0PXJ

--- In TS-850_450_690@yahoogroups.com, "w7jpg" <ckepus@...> wrote:
>
> I have to share some really good news regarding Newark's weekend support. A 47 uF 16V electrolytic to be used on my TS-850's CAR board has been on back order for five weeks. I figured I'd better call before I kicked or the board disintegrated.
>
> I called the customer service number on the Newark packing list thinking there was a 10% chance someone would answer the phone on Saturday. Predictably, the first part of the recorded message stated that they don't do business on Saturday..etc. etc.
>
> Now for the good news. According to the lady on the recorded message, Newark offers a weekend emergency order service. For a minimum order of (only) $100 and a minimum shipping charge of (only) $250, the emergency order team will help if you leave your number for them to call back. I guess hams aren't their major clients.
>
> Thought you all would enjoy this pick-me-up and throw me down on the floor LMAO story.
>
> 73
> Chris
> W7JPG
>

11604. Re: [TS-850_450_690] Carrier Output power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-26 16:50:40 UTC
From: Bob Naylor
Topic: 11599 Message: 11604

Sounds normal. The book also says when using cw adjust the carrier level to read full scale (to the edge of the red but not above the red). Also when you press the tune button (I think it's number 7??) you can key the mic and adjust the output power with the carrier control but it will only go up to about 50 watts. Your rig is working normal.Bob WE6C

--- On Sun, 9/23/12, andrewburfield <andrewburfield@...> wrote:

From: andrewburfield <andrewburfield@...>
Subject: [TS-850_450_690] Carrier Output power
To: TS-850_450_690@yahoogroups.com
Date: Sunday, September 23, 2012, 8:11 AM

Hi,

With the PWR control fully clockwise, 100w on the CAR control is reached at exactly halfway (position 5) of the dial. I see 100w AM,FM,CW and FSK on the meter. after this halfway position is passed there is no furthur power output but the alc begins to rise to full scale by poistion 10. Is something incorrectly adjusted?

[Non-text portions of this message have been removed]

11605. Re: UP TS450 out of frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-27 13:49:36 UTC
From: isabelle.fourias
Topic: 11556 Message: 11605

Hi all,

My TS450s is a little bit down that the frequency displayed.
About 200Hz of the initial frequency in TX. (In TX I display 14.200 and the trx TX on +/- 14.199,8)

I can correct this issue with the Xit, but I would like adjust correctly the trx without the Xit button.

Someone could tell me how to do pse ?

11606. CPU Needed Reset after using control program

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-27 13:21:33 UTC
From: joewr2b
Topic: 11606 Message: 11606

I had the unusual (I think) occurance of having to reset the cpu on my TS850 after using the FLDigi program. Not sure if it was just a co-incidence, or, if there was some error in the control program that caused it.
I have used HRD and also Hamscope and the CAT program tracks perfectly and follows frequency and band switching changes, but, FLDigi seems to be very sluggish when changing bands and sometimes does not change at all.
I do not have a slower cpu on my computer, running at 2.4 Ghz with 3 gigs of RAM.
Just wondering if anyone else has had a similar problem.
Thanks
Joe WR2B

11607. Re: Carrier Output power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-27 15:48:33 UTC
From: andrewburfield
Topic: 11599 Message: 11607

Thank you for your reply. Had a few other problems which I have sorted out so glad this is not another one..

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Sounds normal. The book also says when using cw adjust the carrier level to read full scale (to the edge of the red but not above the red). Also when you press the tune button (I think it's number 7??) you can key the mic and adjust the output power with the carrier control but it will only go up to about 50 watts. Your rig is working normal.Bob Â WE6C
>
> --- On Sun, 9/23/12, andrewburfield <andrewburfield@...> wrote:
>
> From: andrewburfield <andrewburfield@...>
> Subject: [TS-850_450_690] Carrier Output power
> To: TS-850_450_690@yahoogroups.com
> Date: Sunday, September 23, 2012, 8:11 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Hi,
>
> With the PWR control fully clockwise, 100w on the CAR control is reached at exactly

halfway (position 5) of the dial. I see 100w AM,FM,CW and FSK on the meter. after this halfway position is passed there is no furthur power output but the alc begins to rise to full scale by poistion 10. Is something incorrectly adjusted?
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11608. Mixing CAT Com ports

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-09-29 20:12:59 UTC
From: k4zot
Topic: 11608 Message: 11608

I have a TS-850S on COM 3 with HRD and I was trying to get CW Skimmer to connect to COM 4 for CAT of the 850. I then tried to connect it to COM 3 while the 850 was still connected to it on HRD - would connecting two programs to the same COM port cause any issues with the 850. I seem to be getting a great deal of noise.static on all bands on it now. Perhaps it is just sun spot activity. Any help would be appreciated.

Also, how do you get the text to read with CW Skimmer. I get the yellow dots and call signs on the right side, but can't get text to read on the bottom text window. I have tried several CW reader programs and I can not get any of them to copy decent text.

Thanks,

Glenn

11609. Re: FS: YG-455C-1 plug-in CW filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-01 02:29:22 UTC
From: joewr2b
Topic: 11602 Message: 11609

if you still have this filter I will buy it.. Joe WR2B

--- In TS-850_450_690@yahoogroups.com, Nick - VE3EY <nick.ve3ey@...> wrote:
>
> For sale: YG-455C-1 plug-in CW filter for many popular Kenwood Radios such
> as TS-850, TS-930, TS-940 etc.
>
> Asking $80 for it
>
> Nick
> ve3ey
>
>
> [Non-text portions of this message have been removed]
>

11610. Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-03 20:06:13 UTC
From: johnfaughn
Topic: 11610 Message: 11610

It seems random , but frequently when turning on the rig there is a delay for the display to light up and the time varies from no delay to maybe 1 1/2 seconds .
When I 1st got the rig , I replaced all the SMD caps on the CAR board , a through hole on the display board and one on a board in the bottom of rig .
Another issue is the display is off up to about 13 Hz at 10m , about 6 Hz on 20m , 3 on 40m ?
Thanks
John
KD0CAC

11611. Re: [TS-850_450_690] Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-03 21:53:39 UTC
From: Dave Rust
Topic: 11610 Message: 11611

John, if my memory is correct, the 850s manual says upon initial powerup the display may be blank for a short time. Check that out if you have a manual. As for it being inaccurate, I have no idea.
Dave W0dlR

[Non-text portions of this message have been removed]

11612. Re: Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-04 08:29:10 UTC
From: alex_barbon
Topic: 11610 Message: 11612

John

Hi, for the display being off center or the TX & RX freq is not center the possible problem is in the PLL / VCO side, need to check their calibration or setting based on the service manual there is a procedure how to check and adjust using test equipmen.

For the delay in display, the problem might came from the display inverter circuit powering the flourecent tube for the LCD backlight. some capacitor and resistor value maybe out of value already that is why the oscillation to power on is delayed. You can check it inside the metal enclosed circuit in the display board. A friend of mine repaired a blank LCD display, the cause is this circuit he just replace capacitor and resistor.

Hope this helps.

Alex
DV1TBX

--- In TS-850_450_690@yahoogroups.com, "Dave Rust" <dlrust@...> wrote:
>
> John, if my memory is correct, the 850s manual says upon initial powerup the display may be blank for a short time. Check that out if you have a manual. As for it being inaccurate, I have no idea.
> Dave W0dlR
>
> [Non-text portions of this message have been removed]
>

11613. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-04 09:02:24 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 11613

Hello, This email message is a notification to let you know that a file has been uploaded to the Files area of the TS-850_450_690 group. File : /TS 450 - 690 Common problem.pdf Uploaded by : alex_barbon Description : Kenwood TS 450 / 690 Common Problem You can access this file at the URL: http://groups.yahoo.com/group/TS-850_450_690/files/TS%20450%20-%20690%20Common%20problem.pdf To learn more about file sharing for your group, please visit: http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html Regards, alex_barbon

11614. Re: [TS-850_450_690] Re: Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-04 12:51:33 UTC
From: John tf
Topic: 11610 Message: 11614

Dave and .
I need to do some checking , just after posting I thought about that , in my shack I use something like a power-strip , to shut down the power supplies and other gear .
I may be a little quick sometimes between hitting the power-strip and on button of rig , so I will focus on having some delay between turning on PS & radio .
Now I will have to post another new issue , loss of out-put / TX power after a few moments , worked fine during tune-up procedure getting ready for a 10m net , put in CW mode , lower power to about 1/2 and key up to tune external tuner , then part way through check-in to net , the cross-needle meter in tuner quits moving / no output .
Thanks
John
KD0CAC
73

On Thu, Oct 4, 2012 at 3:29 AM, alex_barbon <a.barbon@...> wrote:

> **
>
>
> John
>
> Hi, for the display being off center or the TX & RX freq is not center the
> possible problem is in the PLL / VCO side, need to check their calibration
> or setting based on the service manual there is a procedure how to check
> and adjust using test equipmen.
>
> For the delay in display, the problem might came from the display inverter
> circuit powering the flourecent tube for the LCD backlight. some capacitor
> and resistor value maybe out of value already that is why the oscillation
> to power on is delayed. You can check it inside the metal enclosed circuit
> in the display board. A friend of mine repaired a blank LCD display, the
> cause is this circuit he just replace capacitor and resistor.
>
> Hope this helps.
>
> Alex
> DV1TBX
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave Rust" <dlrust@...> wrote:
> >
> > John, if my memory is correct, the 850s manual says upon initial powerup

> the display may be blank for a short time. Check that out if you have a
> manual. As for it being inaccurate, I have no idea.
> > Dave W0dlR
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

11615. Re: Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-05 07:43:05 UTC
From: alex_barbon
Topic: 11610 Message: 11615

John

Pls check the DC-DC board i trouble shoot a TS850 with this symtoms, the one i check has its power output doing up and down. There is a modification on the file section. To check if this is the problem the output of the board should be -6V during TX, if flactuating or no output this is the problem

Alex

--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>
> Dave and .
> I need to do some checking , just after posting I thought about that , in
> my shack I use something like a power-strip , to shut down the power
> supplies and other gear .
> I may be a little quick sometimes between hitting the power-strip and on
> button of rig , so I will focus on having some delay between turning on PS
> & radio .
> Now I will have to post another new issue , loss of out-put / TX power
> after a few moments , worked fine during tune-up procedure getting ready
> for a 10m net , put in CW mode , lower power to about 1/2 and key up to
> tune external tuner , then part way through check-in to net , the
> cross-needle meter in tuner quits moving / no output .
> Thanks
> John
> KD0CAC
> 73
>
>
>
> On Thu, Oct 4, 2012 at 3:29 AM, alex_barbon <a.barbon@...> wrote:
>
> > **
> > >
> > >
> > > John
> > >
> > > Hi, for the display being off center or the TX & RX freq is not center the
> > > possible problem is in the PLL / VCO side, need to check their calibration
> > > or setting based on the service manual there is a procedure how to check
> > > and adjust using test equipmen.
> > >
> > > For the delay in display, the problem might came from the display inverter
> > > circuit powering the flourecent tube for the LCD backlight. some capacitor
> > > and resistor value maybe out of value already that is why the oscillation
> > > to power on is delayed. You can check it inside the metal enclosed circuit

> > in the display board. A friend of mine repaired a blank LCD display, the
> > cause is this circuit he just replace capacitor and resistor.
> >
> > Hope this helps.
> >
> > Alex
> > DV1TBX
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave Rust" <dlrust@> wrote:
> > >
> > > John, if my memory is correct, the 850s manual says upon initial powerup
> > the display may be blank for a short time. Check that out if you have a
> > manual. As for it being inaccurate, I have no idea.
> > > Dave W0dlR
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11616. Re: [TS-850_450_690] Re: Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-05 12:23:26 UTC
From: John tf
Topic: 11610 Message: 11616

Alex , I have been reading up on a few of the repair / mod web sites that I have gathered and had matched up the symptoms with that fix . I have not been finding much in the way of component values of the parts involve , or as much of the test point numbers , at least in the way they make sense to my way of thinking , most of my diagnostic work has been in the automotive work , emissions & computer , and the manuals would have diagnostic trouble trees with pin-point testing . I do have a copy of the service manual , but have not found much yet . Hope to have testing and a parts list in the next few days . Thanks John KD0CAC 73 On Fri, Oct 5, 2012 at 2:43 AM, alex_barbon wrote: > ** > > > > John > > Pls check the DC-DC board i trouble shoot a TS850 with this symtoms, the > one i check has its power output doing up and down. There is a modification > on the file section. To check if this is the problem the output of the > board should be -6V during TX, if flactuating or no output this is the > problem > > Alex > > --- In TS-850_450_690@yahoogroups.com, John tf wrote: > > > > Dave and . > > I need to do some checking , just after posting I thought about that , in > > my shack I use something like a power-strip , to shut down the power > > supplies and other gear . > > I may be a little quick sometimes between hitting the power-strip and on > > button of rig , so I will focus on having some delay between turning on > PS > > & radio . > > Now I will have to post another new issue , loss of out-put / TX power > > after a few moments , worked fine during tune-up procedure getting ready > > for a 10m net , put in CW mode , lower power to about 1/2 and key up to > > tune external tuner , then part way through check-in to net , the > > cross-needle meter in tuner quits moving / no output . > > Thanks > > John > > KD0CAC > > 73 > > > > > > > > On Thu, Oct 4, 2012 at 3:29 AM, alex_barbon wrote: > > > > > ** > > > > > > > > > John > > > > > > Hi, for the display being off center or the TX & RX freq is not center > the > > > possible problem is in the PLL / VCO side, need to check their > calibration > > > or setting based on the service manual there is a procedure how to > check > > > and adjust using test equipmen. > > > > > > For the delay in display, the problem might came from the display > inverter > > > circuit powering the flourecent tube for the LCD backlight. some > capacitor > > > and resistor value maybe out of value already that is why the > oscillation > > > to power on is delayed. You can check it inside the metal enclosed > circuit > > > in the display board. A friend of mine repaired a blank LCD display, > the > > > cause is this circuit he just replace capacitor and resistor. > > > > > > Hope this helps. > > > > > > Alex > > > DV1TBX > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Dave Rust" wrote: > > > > > > > > John, if my memory is correct, the 850s manual says upon initial > powerup > > > the display may be blank for a short time. Check that out if you have a > > > manual. As for it being inaccurate, I have no idea. > > > > Dave W0dlR > > > > > > > > > [Non-text portions of this message have been removed] > > > > > > > > > > > > > > > > > > > [Non-text portions of this message have been removed] > > > > > [Non-text portions of this message have been removed]

11617. TS-850 CAR Board Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-06 01:59:00 UTC
From: ag1pct
Topic: 11617 Message: 11617

I posted a pic to the forum called AG1P_CAR_TS850.jpg. Until tonight I have been remiss in checking my CAR board. There is discoloration around some of the caps but no signs of actual leakage. The discoloration is dry in every case and alcohol does not remove any part of it. Is this the result of a past repair or do I have leaky caps that need replaced? The radio works fine right now with great reports.

73 - Ron - AG1P

11618. Re: [TS-850_450_690] TS-850 CAR Board Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-06 03:40:31 UTC
From: John tf
Topic: 11617 Message: 11618

Yes that is showing leaky caps .
I would suggest unplugging the rig and not using till you get it re-capped on the CAR board .
And check for all the usual suspects , other caps , memory battery .
I am under the impression that the cap damage is what kills the DDS chips , then you have a parts rig .
I suggest that not just replacing caps , but the dark area is the coating over the traces has been lifted by the cap-leaks and needs to be removed , cleaned and re-coated .
If I was at my other computer , I would show pic's of my before & after repairs .
John
KD0CAC
73

On Fri, Oct 5, 2012 at 8:59 PM, ag1pct <ronpotter@...> wrote:

> **
>
>
> I posted a pic to the forum called AG1P_CAR_TS850.jpg. Until tonight I
> have been remiss in checking my CAR board. There is discoloration around
> some of the caps but no signs of actual leakage. The discoloration is dry
> in every case and alcohol does not remove any part of it. Is this the
> result of a past repair or do I have leaky caps that need replaced? The
> radio works fine right now with great reports.
>
> 73 - Ron - AG1P
>
>
>

[Non-text portions of this message have been removed]

11619. Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-06 18:15:33 UTC
From: oa4bsa
Topic: 11619 Message: 11619

Hello everyone, I have a question about if the tuning (vfo) aluminium knob from the TS-450s is identical in size with the TS-850s vfo knob? by pictures it looks the same but who knows? I´m have a TS-450s but my vfo knob has lots of scratches and i want to buy a new one. Thank you in advance for the good information. Best 73, Ed. OA4BSA.

11620. YM6631 chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-06 20:13:19 UTC
From: flatos
Topic: 11620 Message: 11620

A while back I replaced the YM6631 chips in my TS-850 with the YM66312. I did so to forestall any future problems -- the radio was working fine at the time.

So I have four working (to the best of my knowledge) YM6631 chips, date code "9102". I removed them using low-temperature Zephyrtronics rework equipment, so they haven't been exposed to full reflow temperatures. They've been stored in anti-static packaging.

They have solder bridging the leads that will need to be wicked off; a couple of pins may need a slight realignment.

Contact me if you have any interest in them.

Frank AC8P
flatos@...

11621. Re: [TS-850_450_690] YM6631 chips

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 06:06:21 UTC
From: Allan Bear
Topic: 11620 Message: 11621

Hi Frank....would be interested in the chips please....Regards Allan GM3VXI

--- On Sat, 6/10/12, flatos <flatos@...> wrote:

From: flatos <flatos@...>
Subject: [TS-850_450_690] YM6631 chips
To: TS-850_450_690@yahoogroups.com
Date: Saturday, 6 October, 2012, 21:13

A while back I replaced the YM6631 chips in my TS-850 with the YM66312. I did so to forestall any future problems -- the radio was working fine at the time.

So I have four working (to the best of my knowledge) YM6631 chips, date code "9102". I removed them using low-temperature Zephyrtronics rework equipment, so they haven't been exposed to full reflow temperatures. They've been stored in anti-static packaging.

They have solder bridging the leads that will need to be wicked off; a couple of pins may need a slight realignment.

Contact me if you have any interest in them.

Frank AC8P
flatos@duosys.com

[Non-text portions of this message have been removed]

11622. Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 07:45:34 UTC
From: m6gbt
Topic: 11619 Message: 11622

I have both rigs the TS850 is a slightly bigger vfo

--- In TS-850_450_690@yahoogroups.com, "oa4bsa" <oa4bsa@...> wrote:
>
> Hello everyone, I have a question about if the tuning (vfo) aluminium knob from the TS-450s is identical in size with the TS-850s vfo knob? by pictures it looks the same but who knows? I´m have a TS-450s but my vfo knob has lots of scratches and i want to buy a new one. Thank you in advance for the good information. Best 73, Ed. OA4BSA.
>

11623. TS450 Digital board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 07:51:27 UTC
From: m6gbt
Topic: 11623 Message: 11623

Ok a long shot has anyone got a working X46-3120 digital board they wish to sell

Thanks

11624. TS850 Cat Control

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 08:03:29 UTC
From: m6gbt
Topic: 11624 Message: 11624

Seems a number of 850s suffer from failed to read frequency, when settings are right 4800 8 n 2 n what could cause this problem has anyone found a fix other than replacing the digital board. Menu items 32, 33 and 35 are set to off tried MixW and HRD v5 B2893 with correct settings.

Rig worked fine with cat one day then went off

Thanks

11625. Re: Sometimes the display - delays lighting up ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 10:25:49 UTC
From: karaokegod73
Topic: 11610 Message: 11625

I had this happen with my 850, sometimes the display would not come on until I moved the tuning knob, then it would come on and be fine. I sent it out for cap and battery replacements and I have not seen this happen since. There was a display cap replaced so that may have been a contributor in my case.

--- In TS-850_450_690@yahoogroups.com, "johnfaughn" <john.faughn@...> wrote:
>
> It seems random , but frequently when turning on the rig there is a delay for the display to light up and the time varies from no delay to maybe 1 1/2 seconds .
> When I 1st got the rig , I replaced all the SMD caps on the CAR board , a through hole on the display board and one on a board in the bottom of rig .
> Another issue is the display is off up to about 13 Hz at 10m , about 6 Hz on 20m , 3 on 40m ?
> Thanks
> John
> KD0CAC
>

11626. TS-850S age vs serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 15:36:07 UTC
From: yg@internetsmallfry.com
Topic: 11626 Message: 11626

I am considering purchasing a TS-850S serial number 3080xxxx (I'm told that for some paranoid reason I should not post complete serial numbers in public forums) and am trying to estimate its approximate age.

I'm told that the TS-850S serial numbers are decoded thus:

Subtract 2 from the first digit to get the year (e.g. 3080xxxx was manufactured in calendar or fiscal 1991);

The next two numbers are the month, either from the beginning of the calendar year (in which case the above example would be August of 1991) or from the beginning of Kenwood's fiscal year (in which case the above example could be anywhere from August of 1991 to sometime in early 1992).

The rest of it is the sequence of manufacture in that month.

Others have said that the first digit is the year of mfg, without subtracting the 2, in which case the above example would have been mfg in 1993 or perhaps early 1994.

What is the correct answer?

I'm told that I should look for one made in 1995 or later, to avoid some well-known problems... is that correct?

The asking price for the one I'm looking at is $615, which seems roughly comparable to what these radios get on ebay... if the radio is fully functional, does $615 sound like a reasonable price? It's local to me so there is no shipping involved.

Thanks...

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

11627. Re: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 17:40:53 UTC
From: oa4bsa@yahoo.com
Topic: 11619 Message: 11627

Thank you very much, best 73. De. Oa4bsa.
Enviado desde mi BlackBerry de Claro.

-----Original Message-----
From: "m6gbt" <m6gbt@...>
Sender: TS-850_450_690@yahoogroups.com
Date: Sun, 07 Oct 2012 07:45:34
To: <TS-850_450_690@yahoogroups.com>
Reply-To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

I have both rigs the TS850 is a slightly bigger vfo

--- In TS-850_450_690@yahoogroups.com, "oa4bsa" <oa4bsa@...> wrote:
>
> Hello everyone, I have a question about if the tuning (vfo) aluminium knob from the TS-450s is identical in size with the TS-850s vfo knob? by pictures it looks the same but who knows? I?m have a TS-450s but my vfo knob has lots of scratches and i want to buy a new one. Thank you in advance for the good information. Best 73, Ed. OA4BSA.
>

[Non-text portions of this message have been removed]

11628. Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-07 18:10:31 UTC
From: Rob
Topic: 11619 Message: 11628

Hi Ed

Unfortunately not, the 450 is around 48mm diameter and the 850 is about 52mm in diameter.

Regards

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, "oa4bsa" <oa4bsa@...> wrote:
>
> Hello everyone, I have a question about if the tuning (vfo) aluminium knob from the TS-450s is identical in size with the TS-850s vfo knob? by pictures it looks the same but who knows? I´m have a TS-450s but my vfo knob has lots of scratches and i want to buy a new one. Thank you in advance for the good information. Best 73, Ed. OA4BSA.
>

11629. TS-690 ALC/SWR meter behaving strangely

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-08 01:02:25 UTC
From: Mike34230
Topic: 11629 Message: 11629

The lower bar of my TS-690's display meter has all of a sudden begun to appear during receive, when normally only the S-meter functions. The amount of bars lit seems to follow the signal strength somewhat. The line below (dB -20 ____ 0 ____ 10) is illuminated as well. I can toggle through the TX-M settings and it doesn't seem to affect the display, but it does work as expected when transmitting.

The radio seems to transmit and receive just fine.

Anyone know if this is a serious problem, or if it is a sign of something beginning to fail?

Thanks, Mike - AA1AR

11630. Re: [TS-850_450_690] TS-690 ALC/SWR meter behaving strangely

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-08 03:51:26 UTC
From: N6EV - Paul Carreiro
Topic: 11629 Message: 11630

Mike,
What you are describing is the Receive Meter (RX M button)
function. It will show you the audio level of the received signal
with AGC applied. Doesn't sound like any problem at all.

This is one of my favorite features of the 450/690 that I wish other
rigs had. Using it, combined with the RF gain control, you can
reduce RF gain to the sweet spot where AGC no longer affects the
received signal. This is the point at which the RX meter backs off
the 0dB point. At that sweet spot, you've maximized the signal to
noise ratio. Beyond that (more RF gain), all you're doing is
increasing the noise level while the AGC throttles back on the main
signal. Below that, you are attenuating everything (signal and
noise) and AGC is effective. Great for CW work.

While I'm posting (which I don't do a lot).. another less known
feature of the 450/690 is in the FM mode, the transmit bandwidth is
set by the 455 KHz Filter setting. With the filter in 12KHz mode,
you transmit wideband FM. With it in 6KHz mode, you're transmitting
in narrow band FM. So while you think the receive IF filter mode
affects only reception.. it also affects transmit FM
bandwidth. Just a bit of trivia.

73
Paul N6EV
Original owner - TS690SAT
http://www.N6EV.com/

At 06:02 PM 10/7/2012, you wrote:
>The lower bar of my TS-690's display meter has all of a sudden begun
>to appear during receive, when normally only the S-meter
>functions. The amount of bars lit seems to follow the signal
>strength somewhat. The line below (dB -20 ____ 0 ____ 10) is
>illuminated as well. I can toggle through the TX-M settings and it
>doesn't seem to affect the display, but it does work as expected
>when transmitting.
>
>The radio seems to transmit and receive just fine.
>
>Anyone know if this is a serious problem, or if it is a sign of
>something beginning to fail?
>
>Thanks, Mike - AA1AR

11631. Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-08 04:33:23 UTC
From: Oleg RL6LP
Topic: 11619 Message: 11631

Hi, Ed!

850`s knob a little bigger, but I set it instead of 450

I have dead kenwood as donors parts. And I tried to modify knob.
I drilled and polished a hole for big finger. Its work great!

Now my TS450 not have the disadvantages of))))

Best 73!
Oleg RL6LP (ex RN6LOT)

[Non-text portions of this message have been removed]

11632. Re: [TS-850_450_690] TS-850S age vs serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-08 13:55:20 UTC
From: John tf
Topic: 11626 Message: 11632

Rick ,
without going back through some saved links , that sounds about right on the date of manufacture info .
As far as the problems , leaky caps , if you can test drive the rig before paying , and the rig operates OK .
Then on top of that , if you are confortable with SMD soldering , I would take home and look at the various caps and the surface of the boards for dark staining around them and if it is a earlier rig , replace all the caps on CAR board , and a few through hole through out the rest of the rig and lastly a memory battery change .
Here is a link with pic's ,

http://jvgavila.com/wb7.htm

I'm of the impression that if the caps on the CAR board get bad enough that is what kills the chips .
When I got mine from a SK estate , it worked but showed signs of issues , off frequency , drifting ect. , took home , opened up and found all the caps in the link were leaking , so replaced all and 2 yrs later still operating .
Now when there is some anomaly , I open up and look for more leaky caps :)
John
KD0CAC
73

On Sun, Oct 7, 2012 at 10:36 AM, <yg@...> wrote:

> **
>
>
> I am considering purchasing a TS-850S serial number 3080xxxx (I'm told
> that for some paranoid reason I should not post complete serial numbers in
> public forums) and am trying to estimate its approximate age.
>
> I'm told that the TS-850S serial numbers are decoded thus:
>
> Subtract 2 from the first digit to get the year (e.g. 3080xxxx was
> manufactured in calendar or fiscal 1991);
>
> The next two numbers are the month, either from the beginning of the
> calendar year (in which case the above example would be August of 1991) or
> from the beginning of Kenwood's fiscal year (in which case the above
> example could be anywhere from August of 1991 to sometime in early 1992).
>
> The rest of it is the sequence of manufacture in that month.
>

> Others have said that the first digit is the year of mfg, without
> subtracting the 2, in which case the above example would have been mfg in
> 1993 or perhaps early 1994.
>
> What is the correct answer?
>
> I'm told that I should look for one made in 1995 or later, to avoid some
> well-known problems... is that correct?
>
> The asking price for the one I'm looking at is $615, which seems roughly
> comparable to what these radios get on ebay... if the radio is fully
> functional, does $615 sound like a reasonable price? It's local to me so
> there is no shipping involved.
>
> Thanks...
>
> Rick WA1RKT
> Londonderry, NH
> Catch me on 14.300 MHz Intercon / MMSN most days
>
>
>

[Non-text portions of this message have been removed]

11633. Re: TS-850S age vs serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-08 14:07:11 UTC
From: yg@internetsmallfry.com
Topic: 11626 Message: 11633

Thanks, John. I'm actually not that good at SMD soldering anymore... used to be able to do it but then again I used to be better at a lot of things :-(. I recently attempted some repair work on my IC-706 and ended up burning up two traces on the PCB, so I ended up putting it in a box and sending it out for repair. So, if I'm going to get an 850 at all I'd prefer to get one that perhaps was built after all these problems were fixed, if in fact all these problems were ever fixed during the TS-850S production run.

When exactly (what years) was the production run of these things?

Rick WA1RKT

--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>
> Rick ,
> without going back through some saved links , that sounds about
> right on the date of manufacture info .
> As far as the problems , leaky caps , if you can test drive the rig
> before paying , and the rig operates OK .
> Then on top of that , if you are confortable with SMD soldering ,
> would take home and look at the various caps and the surface of the
> boards for dark staining around them and if it is a earlier rig ,
> replace all the caps on CAR board , and a few through hole through
> out the rest of the rig and lastly a memory battery change .
> Here is a link with pic's ,
>
> http://jvgavila.com/wb7.htm
>
> I'm of the impression that if the caps on the CAR board get bad
> enough that is what kills the chips .
> When I got mine from a SK estate , it worked but showed signs of
> issues , off frequency , drifting ect. , took home , opened up and
> found all the caps in the link were leaking , so replaced all and 2
> yrs later still operating .
> Now when there is some anomaly , I open up and look for more leaky
> caps :)
> John
> KD0CAC
> 73

11634. Re: [TS-850_450_690] Re: TS-850S age vs serial number

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-08 14:45:48 UTC
From: John tf
Topic: 11626 Message: 11634

Rick ,
I can not remember for sure something like 1990 - 2000 just a guess at memory .
What you may do , if the seller would allow , is if its an earlier version , open up to look at CAR board and if there are signs of leaky caps , then get a quote for repair and ask for a discount .
There are a couple of guys here that are repair shops , Carl is the name of one of them .
John
KD0CAC

On Mon, Oct 8, 2012 at 9:07 AM, <yg@...> wrote:

> **
>
>
> Thanks, John. I'm actually not that good at SMD soldering anymore... used
> to be able to do it but then again I used to be better at a lot of things
> :-(. I recently attempted some repair work on my IC-706 and ended up
> burning up two traces on the PCB, so I ended up putting it in a box and
> sending it out for repair. So, if I'm going to get an 850 at all I'd prefer
> to get one that perhaps was built after all these problems were fixed, if
> in fact all these problems were ever fixed during the TS-850S production
> run.
>
> When exactly (what years) was the production run of these things?
>
> Rick WA1RKT
>
>
> --- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
> >
> > Rick ,
> > without going back through some saved links , that sounds about
> > right on the date of manufacture info .
> > As far as the problems , leaky caps , if you can test drive the rig
> > before paying , and the rig operates OK .
> > Then on top of that , if you are confortable with SMD soldering ,
> > would take home and look at the various caps and the surface of the
> > boards for dark staining around them and if it is a earlier rig ,
> > replace all the caps on CAR board , and a few through hole through
> > out the rest of the rig and lastly a memory battery change .
> > Here is a link with pic's ,
> >
> > http://jvgavila.com/wb7.htm

> >
> > I'm of the impression that if the caps on the CAR board get bad
> > enough that is what kills the chips .
> > When I got mine from a SK estate , it worked but showed signs of
> > issues , off frequency , drifting ect. , took home , opened up and
> > found all the caps in the link were leaking , so replaced all and 2
> > yrs later still operating .
> > Now when there is some anomaly , I open up and look for more leaky
> > caps :)
> > John
> > KD0CAC
> > 73
>
>
>

[Non-text portions of this message have been removed]

11635. Re: TS-690 ALC/SWR meter behaving strangely

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-09 17:35:26 UTC
From: Mike34230
Topic: 11629 Message: 11635

Thanks Paul,
My 690 has been sitting idle for so long I must have forgotten how to use it. I've been running it for the last month or so, and was using it on a digital mode, switching back and forth between ALC and SWR with the TX M button. Who knew there was an RX M button right above it? Time to put on reading glasses and get out the manual!

Page 16 says:

"RX M key
When this key is pressed during reception, the dB display turns on and off. The AF level is displayed on the scale (dB), independent from the AF volume setting."

Based on the manual's explanation of the function, I can see why I forgot about it. Thanks for explaining how to actually use this feature! I'll leave it on now to get used to it.

Good to know about the FM bandwidth!

Thanks for taking the time to answer my question, Paul. Next time, I'll read the manual again before posting!
73, Mike - AA1AR

--- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
>
> Mike,
> What you are describing is the Receive Meter (RX M button)
> function. It will show you the audio level of the received signal
> with AGC applied. Doesn't sound like any problem at all.
>
> This is one of my favorite features of the 450/690 that I wish other
> rigs had. Using it, combined with the RF gain control, you can
> reduce RF gain to the sweet spot where AGC no longer affects the
> received signal. This is the point at which the RX meter backs off
> the 0dB point. At that sweet spot, you've maximized the signal to
> noise ratio. Beyond that (more RF gain), all you're doing is
> increasing the noise level while the AGC throttles back on the main
> signal. Below that, you are attenuating everything (signal and
> noise) and AGC is effective. Great for CW work.
>
> While I'm posting (which I don't do a lot).. another less known
> feature of the 450/690 is in the FM mode, the transmit bandwidth is
> set by the 455 KHz Filter setting. With the filter in 12KHz mode,
> you transmit wideband FM. With it in 6KHz mode, you're transmitting
> in narrow band FM. So while you think the receive IF filter mode
> affects only reception.. it also affects transmit FM
> bandwidth. Just a bit of trivia.
>

> 73
> Paul N6EV
> Original owner - TS690SAT
> http://www.N6EV.com/
>
>
>
> At 06:02 PM 10/7/2012, you wrote:
> >The lower bar of my TS-690's display meter has all of a sudden begun
> >to appear during receive, when normally only the S-meter
> >functions. The amount of bars lit seems to follow the signal
> >strength somewhat. The line below (dB -20 ____ 0 ____ 10) is
> >illuminated as well. I can toggle through the TX-M settings and it
> >doesn't seem to affect the display, but it does work as expected
> >when transmitting.
> >
> >The radio seems to transmit and receive just fine.
> >
> >Anyone know if this is a serious problem, or if it is a sign of
> >something beginning to fail?
> >
> >Thanks, Mike - AA1AR
>

11636. Re: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-09 17:57:50 UTC
From: Eduardo Leiva
Topic: 11619 Message: 11636

Hello Oleg! thank you so much for the information, i will try that. Best 73, Ed. OA4BSA.

De: Oleg RL6LP <rn6lot@yahoo.com>
Para: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Enviado: Domingo, 7 de octubre, 2012 23:33:23
Asunto: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Hi, Ed!

850`s knob a little bigger, but I set it instead of 450

I have dead kenwood as donors parts. And I tried to modify knob.
I drilled and polished a hole for big finger. Its work great!

Now my TS450 not have the disadvantages of))))

Best 73!
Oleg RL6LP (ex RN6LOT)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11637. Re: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 06:34:42 UTC
From: Telboy Yahoo
Topic: 11619 Message: 11637

Don't drill the VFO....
Use these, they are great and come in matching grey as well!
http://www.elecraft.com/accessories/fingerdimple.htm

G0VHS/MM 3W
South china sea

Terry Simons

Sent from my iPhone

On 10 Oct 2012, at 00:57, Eduardo Leiva <oa4bsa@...> wrote:

> Hello Oleg! thank you so much for the information, i will try that. Best 73, Ed. OA4BSA.
>
> _____
> De: Oleg RL6LP <rn6lot@...>
> Para: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
> Enviado: Domingo, 7 de octubre, 2012 23:33:23
> Asunto: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?
>
>
>
> Hi, Ed!
>
> 850`s knob a little bigger, but I set it instead of 450
>
> I have dead kenwood as donors parts. And I tried to modify knob.
> I drilled and polished a hole for big finger. Its work great!
>
> Now my TS450 not have the disadvantages of))))
>
> Best 73!
> Oleg RL6LP (ex RN6LOT)
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11638. TS850 FM squelch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 08:22:45 UTC
From: m6gbt
Topic: 11638 Message: 11638

Im finding the squelch on FM very poor sometimes it will only blank a signal of s4 has anyone else got the same issue and is there an easy fix like adjusting a VR trimmer or something

Thanks

11639. Re: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 10:18:04 UTC
From: Oleg RL6LP
Topic: 11619 Message: 11639

GRRREAT!

But too late((

Knob already drilled

Oleg

[Non-text portions of this message have been removed]

11640. Tuner for TS-690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 11:36:20 UTC
From: n0oer
Topic: 11640 Message: 11640

I am looking for a AT-450 for my TS-690s or a compatpble tuner that will work with it. Any suggestions? TIA

11641. Re: [TS-850_450_690] Tuner for TS-690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 14:12:41 UTC
From: Trent Fleming
Topic: 11640 Message: 11641

I've been using the LDG-100 with my 690 and it works fine. Just a simple coax connection between radio and antenna.

Increasingly, I'm trying to get a way from non-resonant antennas, but the LDG has handled my G5RV just fine.

Cheers,

Trent
N4DTF

On Wed, Oct 10, 2012 at 6:36 AM, n0oer <n0oer@yahoo.com> wrote:

> **
>
>
> I am looking for a AT-450 for my TS-690s or a compatpble tuner that will
> work with it. Any suggestions? TIA
>
>
>

--
Trent Fleming

My blog on banking topics:

www.bankinginsights.blogspot.com

My web site

www.trentfleming.com

Follow me on FaceBook
www.facebook.com/thetechnologyadvisor

Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

[Non-text portions of this message have been removed]

11642. Re: [TS-850_450_690] Tuner for TS-690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 18:08:24 UTC
From: Eugene Douglas
Topic: 11640 Message: 11642

Thanks trent

Gene Douglas NØOER 10-10# 76114

>_____
> From: Trent Fleming <trent.fleming@...>
>To: TS-850_450_690@yahoogroups.com
>Sent: Wednesday, October 10, 2012 9:12 AM
>Subject: Re: [TS-850_450_690] Tuner for TS-690s
>
>
>
>
>
>I've been using the LDG-100 with my 690 and it works fine. Just a simple
>coax connection between radio and antenna.
>
>Increasingly, I'm trying to get a way from non-resonant antennas, but the
>LDG has handled my G5RV just fine.
>
>Cheers,
>
>Trent
>N4DTF
>
>On Wed, Oct 10, 2012 at 6:36 AM, n0oer <mailto:n0oer%40yahoo.com> wrote:
>
>> **
>>
>>
>> I am looking for a AT-450 for my TS-690s or a compatpble tuner that will
>> work with it. Any suggestions? TIA
>>
>>
>>
>
>--
>Trent Fleming
>
>My blog on banking topics:
>
>http://www.bankinginsights.blogspot.com/
>
>My web site
>

>http://www.trentfleming.com/
>
>Follow me on FaceBook
>www.facebook.com/thetechnologyadvisor
>
>Follow me on Twitter
>www.twitter.com/N4DTF
>www.twitter.com/remotedeposit
>www.twitter.com/techadvisor
>
>[Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

11643. TS-850 Transmit Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 18:12:37 UTC
From: raydeeoh08
Topic: 11643 Message: 11643

I mainly use my '850 for digital modes but also for remote operation via HRD/Logmein.com to access our local Emergency Comms net on 80m when I am away from the home QTH.

Recently, my '850 has developed the following problems:
1) VOX stopped working (both SSB and CW break-in)
2) When I first start transmission in PSK, the wattmeter indicates about 50% of the normal output (I use about 40 watts max)
3) After a second or so of transmission, the wattmeter indicates full output power
4) SSB has same condition as PSK, that is, on initial transmission, power is half or less of normal output (100W or so) and then slowly moves up to full output power.

Everything else works fine. I haven't been back to the home QTH yet to pull it apart, but will be going this weekend. Where to start the investigation?

Thanks one and all for any assistance.

73,
Robert
VE7ZN

11644. Re: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 22:28:51 UTC
From: Eduardo Leiva
Topic: 11619 Message: 11644

:) ok, i´ll check the figerdimple, thank you.73
Ed - OA4BSA

_____
De: Telboy Yahoo <telboy_vhs@...>
Para: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
CC: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Enviado: Miércoles, 10 de octubre, 2012 1:34:42
Asunto: Re: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?

Don't drill the VFO....
Use these, they are great and come in matching grey as well!
http://www.elecraft.com/accessories/fingerdimple.htm

G0VHS/MM 3W
South china sea

Terry Simons

Sent from my iPhone

On 10 Oct 2012, at 00:57, Eduardo Leiva <oa4bsa@...> wrote:

> Hello Oleg! thank you so much for the information, i will try that. Best 73, Ed. OA4BSA.
>
> _____
> De: Oleg RL6LP <rn6lot@...>
> Para: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
> Enviado: Domingo, 7 de octubre, 2012 23:33:23
> Asunto: [TS-850_450_690] Re: Tuning knob between TS-450s and TS-850s are the same?
>
>
>
> Hi, Ed!
>
> 850`s knob a little bigger, but I set it instead of 450
>
> I have dead kenwood as donors parts. And I tried to modify knob.
> I drilled and polished a hole for big finger. Its work great!
>
> Now my TS450 not have the disadvantages of))))
>
> Best 73!
> Oleg RL6LP (ex RN6LOT)
>

> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11645. Re: [TS-850_450_690] Tuner for TS-690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-10 23:04:40 UTC
From: Mike Tibor
Topic: 11640 Message: 11645

I can also highly recommend the LDG. Simple, reliable and cheap. Won't handle more than 125 watts of power, but that's no issue if you don't intend to use an amp.

Mike

On Wed, 10 Oct 2012, Trent Fleming wrote:

>
>
> I've been using the LDG-100 with my 690 and it works fine. Just a simple
> coax connection between radio and antenna.
>
> Increasingly, I'm trying to get a way from non-resonant antennas, but the
> LDG has handled my G5RV just fine.
>
> Cheers,
>
> Trent
> N4DTF
>
> On Wed, Oct 10, 2012 at 6:36 AM, n0oer <n0oer@...> wrote:
>
> > **
> >
> >
> > I am looking for a AT-450 for my TS-690s or a compatpble tuner that will
> > work with it. Any suggestions? TIA
> >
> >
> >
> >
> >
> > --
> > Trent Fleming
> >
> > My blog on banking topics:
> >
> > www.bankinginsights.blogspot.com
> >
> > My web site
> >
> > www.trentfleming.com
> >
> > Follow me on FaceBook
> > www.facebook.com/thetechnologyadvisor
> >

> Follow me on Twitter
> www.twitter.com/N4DTF
> www.twitter.com/remotedeposit
> www.twitter.com/techadvisor
>
> [Non-text portions of this message have been removed]
>
>
>
>

[Non-text portions of this message have been removed]

11646. VIRUS ATTACK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-13 08:15:06 UTC
From: Oleg RL6LP
Topic: 11646 Message: 11646

virus attack
my computer was attacked by virus!
virus send spam from my mailbox!
DONT USE THIS LINK!!!
I try to resolve this problem in nearest time!
My apologies!!!

Здравствуйте!
Мой компьютер был атакован вирусом/трояном и теперь рассылает спам с моего почтового ящика!
НЕ ОТКРЫВАЙТЕ ПРИСЛАННЫЕ ССЫЛКИ!!!!
Я постараюсь решить проблему в ближайшее время!!!
Примите мои извинения!!!

Best 73!
Oleg RL6LP (ex RN6LOT)

[Non-text portions of this message have been removed]

11647. 850S Filters WTB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-14 13:49:35 UTC
From: joewr2b
Topic: 11647 Message: 11647

Hi all - I am looking for 2 filters for my 850.
YK-88SN-1 and YG-455C-1

If anyone has these for sale, please respond off-list.
Thank You

Joe WR2B
connjc@...

11648. Transmit problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-16 18:20:36 UTC
From: raydeeoh08
Topic: 11648 Message: 11648

Fixed. Rebuilt the DC-DC converter board, works fine now. Big thanks to those who emailed me with suggestions and the excellent "files" section of the group.

Cheers & 73,
Robert
VE7ZN

11649. CW + SSB Band Pass Filters for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-20 00:19:17 UTC
From: wo4o - RiC
Topic: 11649 Message: 11649

For Sale:

Kenwood CW Band Pass Filter Model YG-455C-1 500 Hz (S/NO. 3201) $105

Kenwood CW Band Pass Filter YK-88C-1 500 Hz (L71-0236-5) $105

Kenwood SSB Band Pass Filter YK-88SN-1 1.8 kHz (for 8830 kHz IF)
(L71-0406-5) $105

International Radio (InRad) #104 CW Band Pass Filter Model IR / FT 455H 400
AC (This replaces the Kenwood YG-455C1) $115

International Radio (InRad) #95 SSB Band Pass Filter 8830 kHz 1.8 kHz (This
replaces the Kenwood YK-88SN-1) $115

USD includes Shipping via USPS to CONUS (PayPal accepted)

wo4o.radio@...

[Non-text portions of this message have been removed]

11650. TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-23 17:05:57 UTC
From: joewr2b
Topic: 11650 Message: 11650

Hi all...just installed the 3 optional filters in my TS-850, YG-455C-1, YK-88C-1 and YK88SN-1. I also set the switches on on the top board to ON for number 1,3 and 4 and then Reset the Microprocessor.
I expected to find that all of the filters showed up on the front display, but, none of them do.

Just wondering if there is something else that needs to be done in order to get the filters to work properly.
Thanks in advance

Joe WR2B

11651. Re: [TS-850_450_690] TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-23 21:21:26 UTC
From: Bob Naylor
Topic: 11650 Message: 11651

The only thing I can think of is that the switches are turned on when the radio is off, then turn on the radio.Bob WE6C

--- On Tue, 10/23/12, joewr2b <connjc@...> wrote:

From: joewr2b <connjc@...>
Subject: [TS-850_450_690] TS-850S Filters don;t switch
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, October 23, 2012, 10:05 AM

Hi all...just installed the 3 optional filters in my TS-850, YG-455C-1, YK-88C-1 and YK88SN-1. I also set the switches on on the top board to ON for number 1,3 and 4 and then Reset the Microprocessor.

I expected to find that all of the filters showed up on the front display, but, none of them do.

Just wondering if there is something else that needs to be done in order to get the filters to work properly.

Thanks in advance

Joe WR2B

[Non-text portions of this message have been removed]

11652. Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-23 22:19:05 UTC
From: joewr2b
Topic: 11650 Message: 11652

I actually repeated the process twice, making sure that even the power was unplugged before setting the switches to the ON position. Then, re-setting the microprocessor.
I even went so far as to exercise the switches ON and OFF a few times in case the contacts were a bit dusty, but still the same thing.

> Hi all...just installed the 3 optional filters in my TS-850, YG-455C-1, YK-88C-1 and YK88SN-1. I also set the switches on on the top board to ON for number 1,3 and 4 and then Reset the Microprocessor.
> I expected to find that all of the filters showed up on the front display, but, none of them do.
>
> Just wondering if there is something else that needs to be done in order to get the filters to work properly.
> Thanks in advance
>
> Joe WR2B
>

11653. Re: [TS-850_450_690] Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-23 22:46:53 UTC
From: Bob Naylor
Topic: 11650 Message: 11653

I've never had to reset the microprocssor. Anyway, when you hit the filter buttons to "scroll" through the filters it won't go through them all???Bob WE6C

--- On Tue, 10/23/12, joewr2b <connjc@...> wrote:

From: joewr2b <connjc@...>
Subject: [TS-850_450_690] Re: TS-850S Filters don;t switch
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, October 23, 2012, 3:19 PM

I actually repeated the process twice, making sure that even the power was unplugged before setting the switches to the ON position. Then, re-setting the microprocessor.

I even went so far as to exercise the switches ON and OFF a few times in case the contacts were a bit dusty, but still the same thing.

> Hi all...just installed the 3 optional filters in my TS-850, YG-455C-1, YK-88C-1 and YK88SN-1. I also set the switches on on the top board to ON for number 1,3 and 4 and then Reset the Microprocessor.

> I expected to find that all of the filters showed up on the front display, but, none of them do.

>

> Just wondering if there is something else that needs to be done in order to get the filters to work properly.

> Thanks in advance

>

> Joe WR2B

>

[Non-text portions of this message have been removed]

11654. Re: [TS-850_450_690] Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-24 00:38:21 UTC
From: Bob Naylor
Topic: 11650 Message: 11654

Does it scroll through the filters and you get nothing through them or does it not scroll through them at all?Bob WE6C

--- On Tue, 10/23/12, joewr2b <connjc@...> wrote:

From: joewr2b <connjc@...>
Subject: [TS-850_450_690] Re: TS-850S Filters don;t switch
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, October 23, 2012, 3:19 PM

I actually repeated the process twice, making sure that even the power was unplugged before setting the switches to the ON position. Then, re-setting the microprocessor.

I even went so far as to exercise the switches ON and OFF a few times in case the contacts were a bit dusty, but still the same thing.

> Hi all...just installed the 3 optional filters in my TS-850, YG-455C-1, YK-88C-1 and YK88SN-1. I also set the switches on on the top board to ON for number 1,3 and 4 and then Reset the Microprocessor.

> I expected to find that all of the filters showed up on the front display, but, none of them do.

>

> Just wondering if there is something else that needs to be done in order to get the filters to work properly.

> Thanks in advance

>

> Joe WR2B

>

[Non-text portions of this message have been removed]

11655. Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-24 02:55:03 UTC
From: joewr2b
Topic: 11650 Message: 11655

That is correct..when I hit the filter buttons, they do not scroll through the entire 4 choices for each of them, the lights are exactly the same as when I did not have any filters at all installed.
I am almost thinking that the filter switching board might need replacement/repair ??

> I've never had to reset the microprocssor. Anyway, when you hit the filter buttons to "scroll" through the filters it won't go through them all???Bob Â WE6C
>

>
>
> I actually repeated the process twice, making sure that even the power was unplugged before setting the switches to the ON position. Then, re-setting the microprocessor.
>
> I even went so far as to exercise the switches ON and OFF a few times in case the contacts were a bit dusty, but still the same thing.
>
>
>
> > Hi all...just installed the 3 optional filters in my TS-850, YG-455C-1, YK-88C-1 and YK88SN-1. I also set the switches on on the top board to ON for number 1,3 and 4 and then Reset the Microprocessor.
>
> > I expected to find that all of the filters showed up on the front display, but, none of them do.
>
> >
>
> > Just wondering if there is something else that needs to be done in order to get the filters to work properly.
>
> > Thanks in advance
>
> >
>
> > Joe WR2B

11656. Re: [TS-850_450_690] Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-24 09:59:43 UTC
From: Paul Manuel
Topic: 11650 Message: 11656

Does the manual say to reset the microprocessor? I don't think I had to.

If I remember correctly the status of the switches are only read at power up. Switch them to the proper position with the power off and turn on the radio, then see if it works.

73 Paul K4PDM

11657. Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-24 18:47:17 UTC
From: joewr2b
Topic: 11650 Message: 11657

No, the manual does not say to reset the microporcessor, but I found that on some website - I figured it could not hurt.
Anyway, I have done all of the suggestions and still the filters do not show up when I scroll through, I'm stumped.
Maybe I need a new filter selection board ??
TNX

Does the manual say to reset the microprocessor? I don't think I had to.

> If I remember correctly the status of the switches are only read at power up. Switch them to the proper position with the power off and turn on the radio, then see if it works.
>
> 73 Paul K4PDM
>

11658. TS-690S Power Loss, All modes, All bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-29 03:04:58 UTC
From: Roberto
Topic: 11658 Message: 11658

Hello,
Greetings from El Salvador, Central America, YS country.
New member here and thanks for letting me join.

My TS-690S is only providing 5 watts output in all bands and all modes.
Have tried with a dummy load and with and external power meter and same thing.
Apart from the power output problem, the rest seems to be working fine in all respects.

The ALC barely lift up too.

Has someone experienced this problem that may suggest an approach to solve it?

Thanks in advance.

73 de Rob.
YS1RS

11659. Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-29 14:22:20 UTC
From: avvidclif
Topic: 11650 Message: 11659

If the switches are all off they should have 5v on them. Trace back to the Digital unit IC1 pins 43-46 and they should be toggling H or L as the individual switches are moved. If they do it becomes serious.

Clif

--- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@...> wrote:
>
> No, the manual does not say to reset the microporcessor, but I found that on some website - I figured it could not hurt.
> Anyway, I have done all of the suggestions and still the filters do not show up when I scroll through, I'm stumped.
> Maybe I need a new filter selection board ??
> TNX
>
> Does the manual say to reset the microprocessor? I don't think I had to.
>
> > If I remember correctly the status of the switches are only read at power up. Switch them to the proper position with the power off and turn on the radio, then see if it works.
> >
> > 73 Paul K4PDM
> >
>

11660. New DC-DC board solves the TS-850 ALC problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-10-30 01:34:56 UTC
From: Lars
Topic: 11660 Message: 11660

Hello group!

I refer to a new link in "Links -> TS-850 Tech Info, Mods". The link is named "New DC-DC board solves the TS-850 ALC problem".

The link describes how a new DC-DC board can be built for the Kenwood TS-850. The new DC-DC board contains just 4 components: The voltage inverter ICL7660, one resistor, one capacitor and one 78L08.

73 OZ1BXM Lars Petersen

11661. Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-01 14:19:39 UTC
From: joewr2b
Topic: 11650 Message: 11661

Thanks for the reply Clif, could you be a bit more specific as to
"if becomes serious". I will be digging into the rig in a few days when I get back home after the storm. tnx Joe

>
> If the switches are all off they should have 5v on them. Trace back to the Digital unit IC1 pins 43-46 and they should be toggling H or L as the individual switches are moved. If they do it becomes serious.
>
> Clif

11662. Re: TS-850S Filters don;t switch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-01 18:49:16 UTC
From: avvidclif
Topic: 11650 Message: 11662

It means if the data lines are switching correctly on the IC then it will have to be replaced. It's an I/O chip that talks to the processor. And it's a discontinued part.

Clif

--- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@...> wrote:
>
>
> Thanks for the reply Clif, could you be a bit more specific as to
> "if becomes serious". I will be digging into the rig in a few days when I get back home after the storm. tnx Joe
>
>
> >
> > If the switches are all off they should have 5v on them. Trace back to the Digital unit IC1 pins 43-46 and they should be toggling H or L as the individual switches are moved. If they do it becomes serious.
> >
> > Clif
>

11663. Need TS-850 Cabinet Screws

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-02 01:01:10 UTC
From: alamar_r
Topic: 11663 Message: 11663

WTB: Kenwood TS-850 Screws - I am in need of 8 good cabinet screws from a parted-out TS-850. Also could use 2 noise blanker PCB screws and 1 bandpass filter shield screw that are missing from this transceiver. If anyone has some excess to their needs, please contact me directly. Thanks, Alan, KD5R

11664. Re: new member - missing buttons - wanted!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-02 13:09:25 UTC
From: Doug
Topic: 11584 Message: 11664

Hello Denis
I have the buttons you want. You may have them for the postage cost. Please contact me off net.
I also have the complete frame if you want/need any of that.
Doug k7kw
San Diego

--- In TS-850_450_690@yahoogroups.com, "m6usv" <m6usv@...> wrote:
>
> Hi all,
>
> I have just joined the group and pleased to see a info centre for the 850.
>
> Its been a bit of a learning curve as I am new to the hobby with only a year of 'am gear under my belt.
>
> First issue was the rig had been dropped and the face was bashed in, luckily the plastic is only marked and not damaged but a large amount of bending had been required to make the frame straight behind the front facia. None of the buttons in the centre of the radio would touch the buttons at the back of the frame and PCBs so the radio was near unusable.
>
> All that is fixed and last night I set about doing more than receive. I quickly found out the limited operation on 40m where in the UK the band goes outside of the limits of this radio. I don't know the history of the bands in the UK but I can only guess that 20 years ago we didn't have up to 7.2. The manual states that it should have up to 7.3 but it didn't.
>
> Anyways, I'm quite happy now with the radio, it seems good despite seeming a little hard work in comparison to my other radios but im getting used to it and I think im going to warm to it and really like it.
>
> I need help with one thing though.....
>
> Does anybody have any spares for sale? In particular I would like to buy a set of buttons for the front of the radio.
>
> I'm missing 4 buttons in total. The [0] (zero) from the number pad along with its neighbor the [ENT] button. I would be quite happy with any other button from the radio and I will demark and remark with the correct label if anybody has others. I'm also after 2 of the push extension buttons that fit over the [Thru/Auto] and [AT Tune] although these are not important as I dont have the internal tuner to actually use but I would rather not have holes in the facia.
>
> I would also at some point like to acquire a digital board for the recording facility to add to this radios ability.

>
> Hi all and thanks
>
> Denis - 2e0usv - Nr Sheffield, UK
>

11665. Re: new member - missing buttons - wanted!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-02 14:55:42 UTC
From: joewr2b
Topic: 11584 Message: 11665

to Doug K7KW

I saw your reply and I am also in need of a front panel button, the one for AT Tune...that is the only one that is missing on my rig. Do you have one of these ?
Thanks
Joe WR2B

--- In TS-850_450_690@yahoogroups.com, "Doug" <doug@...> wrote:
>
> Hello Denis
> I have the buttons you want. You may have them for the postage cost. Please contact me off net.
> I also have the complete frame if you want/need any of that.
> Doug k7kw
> San Diego
>
> --- In TS-850_450_690@yahoogroups.com, "m6usv" <m6usv@> wrote:
> >
> > Hi all,
> >
> > I have just joined the group and pleased to see a info centre for the 850.
> >
> > Its been a bit of a learning curve as I am new to the hobby with only a year of 'am gear under my belt.
> >
> > First issue was the rig had been dropped and the face was bashed in, luckily the plastic is only marked and not damaged but a large amount of bending had been required to make the frame straight behind the front facia. None of the buttons in the centre of the radio would touch the buttons at the back of the frame and PCBs so the radio was near unusable.
> >
> > All that is fixed and last night I set about doing more than receive. I quickly found out the limited operation on 40m where in the UK the band goes outside of the limits of this radio. I don't know the history of the bands in the UK but I can only guess that 20 years ago we didn't have up to 7.2. The manual states that it should have up to 7.3 but it didn't.
> >
> > Anyways, I'm quite happy now with the radio, it seems good despite seeming a little hard work in comparison to my other radios but im getting used to it and I think im going to warm to it and really like it.
> >
> > I need help with one thing though.....
> >
> > Does anybody have any spares for sale? In particular I would like to buy a set of buttons for the front of the radio.

> >
> > I'm missing 4 buttons in total. The [0] (zero) from the number pad along with its neighbor the [ENT] button. I would be quite happy with any other button from the radio and I will demark and remark with the correct label if anybody has others. I'm also after 2 of the push extension buttons that fit over the [Thru/Auto] and [AT Tune] although these are not important as I dont have the internal tuner to actually use but I would rather not have holes in the facia.
> >
> > I would also at some point like to acquire a digital board for the recording facility to add to this radios ability.
> >
> > Hi all and thanks
> >
> > Denis - 2e0usv - Nr Sheffield, UK
> >
>

11666. Wanted: TS-440 / TS-450 Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-03 16:23:30 UTC
From: danielbk0lsr
Topic: 11666 Message: 11666

Wanted: TS-440 / TS-450 Parts

I'm looking for small parts for the Kenwood TS-440 and TS-450 rigs.

Please let me know if you have any of the following:
Wiring harnesses
Knobs or buttons
Screws
Connectors
Just about anything else!

Lots of people have these items left over when they part out a rig.
Thanks for loooking. Contact me through this group or directly at ddbasnett at gmail.com

Thanks,
Daniel K0LSR

11667. I Need Memory Channel Encoder for TS 850 SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-05 14:59:52 UTC
From: ta1dx
Topic: 11667 Message: 11667

part number w02-1660-05

Where can I get?

Best 73!
Atila, TA1DX

11668. New member

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-08 01:10:00 UTC
From: kd8rfo
Topic: 8518 Message: 11668

I want to thank everyone for letting me come aboard. I just purchased a kenwood ts690at. My friend has always been a fan of kenwood as well as his father. I found this 690at at a reasonable price and liked the way it looked. I do hope I get lots of service from this rig. The individual that I purchased from said it would walk all over my Icom 735 that I had, which I had to let go. 73 Gerry KD8RFO

11669. TS 450 SAT for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-08 15:59:34 UTC
From: w0iea
Topic: 11669 Message: 11669

For sale: Kenwood TS 450SAT
The price is $600.00 firm.
This radio is in very nice condition. No scratches, never mobiled and non smoker.
The only known issue is VOX gain is low and has always been that way. I believe the problem is a bypass cap but I have never opened the radio to attempt a fix since I don't use VOX anyway.
Included with the radio are the power cable and original manual, no mic.
Prefer local pickup and inspection in Boulder, CO, but will ship for $35.00.
Payment will be money order, bank check, personal check. All will be held until bank clears. Of course cash for local pickup.
Jack W0IEA 303-443-6741.

11670. ts-450 DDS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-11 14:46:12 UTC
From: ve2jtx
Topic: 11670 Message: 11670

Witch serial number and more that you have the new dds chip ?

11671. TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-11 13:40:36 UTC
From: ve2jtx
Topic: 11671 Message: 11671

I check to buy a TS-450 ! I need to know what is the serial number that the ts-450 have the new DDS Chip in the radio?

And the ts-450 is it the same problem that the ts-850 have?

Sorry for my english? French language!

11672. ts-690 50mhz low power output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-11 16:54:48 UTC
From: thomas.kielhorn
Topic: 11672 Message: 11672

hi all- as a newbie let me pse ask you-
has anybody an idea abt a 1-2watt output on the 50mhz stage in the ts690 for a blf278 PA?

kindly regards from DL
Thomas DF6HT

(sry abt my bad english- long time before...40years hi

11673. Re: ts-450 DDS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-11 20:58:31 UTC
From: ve2jtx
Topic: 11670 Message: 11673

Sorry for my english! I need to know witch serial number have the new dds ? YM66312

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:
>
> Witch serial number and more that you have the new dds chip ?
>

11674. Re: TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-12 15:40:34 UTC
From: avvidclif
Topic: 11671 Message: 11674

The same DDS IC, YM6631, was used in both the 450 and 850. The replacement IC, YM66312, was used in later models of the 850. I don't know if anyone outside of Kenwood knows exactly when the new IC's were used but the rule of thumb is 2xx-3xx SN's had the old unless they have been changed. The same serial number sequence should follow for the 450 but I've never really tracked the 450 so am not for sure.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve2jtx" <ve2jtx@...> wrote:
>
> I check to buy a TS-450 ! I need to know what is the serial number that the ts-450 have the new DDS Chip in the radio?
>
> And the ts-450 is it the same problem that the ts-850 have?
>
> Sorry for my english? French language!
>

11675. Re: [TS-850_450_690] TS-690S Power Loss, All modes, All bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-12 16:34:35 UTC
From: Roberto Salazar
Topic: 11658 Message: 11675

...

From: Roberto <ys1rs@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 28, 2012 9:04 PM
Subject: [TS-850_450_690] TS-690S Power Loss, All modes, All bands

Hello,
Greetings from El Salvador, Central America, YS country.
New member here and thanks for letting me join.

My TS-690S is only providing 5 watts output in all bands and all modes.
Have tried with a dummy load and with and external power meter and same thing.
Apart from the power output problem, the rest seems to be working fine in all respects.

The ALC barely lift up too.

Has someone experienced this problem that may suggest an approach to solve it?

Thanks in advance.

73 de Rob.
YS1RS

[Non-text portions of this message have been removed]

11676. K1PKX (SK) Equipment for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-16 03:32:55 UTC
From: Larry Banks
Topic: 11676 Message: 11676

Hi TS450/690/850 Reflector Members,

I am helping sell K1PKX's (SK), equipment. Bob was a good friend of mine, and I can say that he kept his equipment in great shape. You can see pictures of most of the equipment on my web site: http://www.qsl.net/w1dyj/K1PKX.htm

The equipment is available for pickup in Stoneham, MA or could be shipped. Please respond directly to me with any inquiries.

Below is a list of the equipment and a suggested price, based on recent prices seen on eBay and other web sites. (Prices do not include shipping.)

73 -- Larry -- W1DYJ

Shipping not included.
Item Mfg Model Description Amount
Receiver Hallicrafters SX111 HF Receiver $160

HT Radio Shack HTX 404 440 FM (1990's) $35
Radio Shack HTX 202 2M FM (1990's) $30
Santec ST-200 ET 2M FM $95

Transciever Kenwood TS-850S HF Transciever $520
Kenwood 711A 2M Multi mode $240
Kenwood TS-140S HF Transciever $240
Kenwood TM-733 2M / 440 FM Dual Band $210
Yeasu FT-2500M 2M mobile $60

Accessories Kenwood SP-430 Speaker $15
Kenwood PS-430 Power Supply $50
MFJ 949C Versa Tuner II $40

Misc. Radio Shack Trunk/Tracker Scanner best offer
HiPar Model 2G 2M Halo best offer

Antenna Rotator Alliance HD-73 see
System Rohn 25 30' tower my
Triband ? website
12 el 2M ?

[Non-text portions of this message have been removed]

11678. TS850 frequency jump on receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-19 18:06:16 UTC
From: g3ltf@btinternet.com
Topic: 11678 Message: 11678

Thank you for allowing me to join the group. My TS850 has quite suddenly developed a bad fault When I go from Tx to Rx on SSB,with either sideband, the Rx comes back on a different frequency, randomly but within a kHz or so. The tx freq is perfectly stable and the fault is not there on CW. Its as if the BFO was jumping around each time it come back to receive. Ive taken out the DDS board and I'm in the process of cleaning it up and replacing the caps (following the info from the files section) and hoping this will cure it but has anyone else experienced this fault? If its due to something else I'd like to know while I have it opened up on the bench.
Thanks &73 Peter G3LTF

11679. TS850 frequency jump on receive ..fixed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-20 17:22:14 UTC
From: g3ltf@btinternet.com
Topic: 11679 Message: 11679

I replaced all the electrolytic capacitors on the CAR board and continuity checked all the tracks that could have been affected by leaking corrosive electrolyte. I found one track, from pin 53 of IC2, close to R65, that was etched through completely and I carefully bridged it. The combination of all this has cured the fault. I would urge anyone who hasn't replaced the CAR capacitors to do so, following the procedure in the files section.
73 Peter G3LTF

11680. monitor audio with AM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-21 03:09:41 UTC
From: E
Topic: 11679 Message: 11680

I noticed the monitor (audio) feature of my TS-850 works only on u/lsb,
not AM. Is that standard for your 850 as well? Or is it possible I am
not setting something correctly?

Thanks for feedback.

Eric, KR9W
>
>
>
>
>
>
> Recent Activity:
>
> ⋆ New Members
> <http://groups.yahoo.com/group/TS-850_450_690/members;_ylc=X3oDMTJmcW84NGQ2BF9TAzk3MzU5N
zE0BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEzNTM0MzM
4NzM-?o=6>
> 5
>
> Visit Your Group
> <http://groups.yahoo.com/group/TS-850_450_690;_ylc=X3oDMTJlN21zODFnBF9TAzk3MzU5NzE0BGdyc
ElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTM1MzQzMzg3Mw-->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJkbzliZTY2BF9TAzk3MzU5NzE0BGdycElkAzMwOTc1ODIEZ3Jwc
3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMzUzNDMzODcz>
>
> Switch to: Text-Only
> <mailto:TS-850_450_690-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%2
0Traditional>,
> Daily Digest
> <mailto:TS-850_450_690-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> . Unsubscribe
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe> .
> Terms of Use <http://docs.yahoo.com/info/terms/> . Send us Feedback
> <mailto:ygroupsnotifications@yahoogroups.com?subject=Feedback%20on%20the%20redesigned%20
individual%20mail%20v1>
> .
>
>

[Non-text portions of this message have been removed]

11681. Hello a new TS-850 Owner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-21 03:42:29 UTC
From: w4bss
Topic: 11681 Message: 11681

Hello everyone!

I just bought a pristine Kenwood TS-850SAT with all the filters installed and auto tuner. Im the second owner of it. What should I look for if problems start to show up. The serial number is 60 Million and I was told this was close to the last ones made and just about all the bugs had been worked out.

I know the original owner had a updated chip installed?? he said it was a common problem with the TS-850. Im not sure maybe someone will know what was done.

Also this radio has some smooth audio on SSB!

73s and have a Happy Turkey Day!!

Brandon
W4BSS

11682. Re: [TS-850_450_690] TS-690S Power Loss, All modes, All bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-21 04:15:34 UTC
From: Roberto Salazar
Topic: 11658 Message: 11682

I´ll try that.

Thanks.

Rob

From: Roberto <ys1rs@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 28, 2012 9:04 PM
Subject: [TS-850_450_690] TS-690S Power Loss, All modes, All bands

Hello,
Greetings from El Salvador, Central America, YS country.
New member here and thanks for letting me join.

My TS-690S is only providing 5 watts output in all bands and all modes.
Have tried with a dummy load and with and external power meter and same thing.
Apart from the power output problem, the rest seems to be working fine in all respects.

The ALC barely lift up too.

Has someone experienced this problem that may suggest an approach to solve it?

Thanks in advance.

73 de Rob.
YS1RS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11683. Re: [TS-850_450_690] Hello a new TS-850 Owner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-21 22:38:13 UTC
From: Tom Jones N8NMA
Topic: 11681 Message: 11683

Check the CAR board for leaky caps, you can find a wealth of info online for the 850. They are great radios and where ahead of their time. Check out the page below.

http://www.jvgavila.com/wb7.htm

73...Tom

From: w4bss <w4bss@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 20, 2012 10:42 PM
Subject: [TS-850_450_690] Hello a new TS-850 Owner

Hello everyone!

I just bought a pristine Kenwood TS-850SAT with all the filters installed and auto tuner. Im the second owner of it. What should I look for if problems start to show up. The serial number is 60 Million and I was told this was close to the last ones made and just about all the bugs had been worked out.

I know the original owner had a updated chip installed?? he said it was a common problem with the TS-850. Im not sure maybe someone will know what was done.

Also this radio has some smooth audio on SSB!

73s and have a Happy Turkey Day!!

Brandon
W4BSS

[Non-text portions of this message have been removed]

11684. Re: [TS-850_450_690] Hello a new TS-850 Owner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-22 03:47:22 UTC
From: Crownhaven
Topic: 11681 Message: 11684

Ditto regarding Tom's comments. I'm sitting here tonight using my TS-850S that I bought a long time ago, new. Set of Kenwood filters in it. Plays like a top. Old chips but I have a new set standing by. Been to Clif at Avvid a few times but that is to be expected. Still get a strong 100 watts out of it. Just a great rig. My other rig is a TS-590S. It does have a quieter receiver on CW but I could still get the job done with the 850.

Steve, N4JQQ

On 11/21/2012 4:38 PM, Tom Jones N8NMA wrote:
>
> Check the CAR board for leaky caps, you can find a wealth of info
> online for the 850. They are great radios and where ahead of their
> time. Check out the page below.
>
> http://www.jvgavila.com/wb7.htm
>
> 73...Tom
>
> _____
> From: w4bss <w4bss@... <mailto:w4bss%40yahoo.com>>
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Tuesday, November 20, 2012 10:42 PM
> Subject: [TS-850_450_690] Hello a new TS-850 Owner
>
>
> Hello everyone!
>
> I just bought a pristine Kenwood TS-850SAT with all the filters
> installed and auto tuner. Im the second owner of it. What should I
> look for if problems start to show up. The serial number is 60 Million
> and I was told this was close to the last ones made and just about all
> the bugs had been worked out.
>
> I know the original owner had a updated chip installed?? he said it
> was a common problem with the TS-850. Im not sure maybe someone will
> know what was done.
>
> Also this radio has some smooth audio on SSB!
>
> 73s and have a Happy Turkey Day!!
>
> Brandon

> W4BSS
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11685. FS TS-450SAT TS-430

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-11-23 18:49:57 UTC
From: k6acj
Topic: 11685 Message: 11685

Bought new, like new, contact me off line if interested.
Also have a TS-430 with SSB/CW filters and PSK cable. Bill k6acj

11686. TS-690 2.nd RX Input for 6m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-03 13:14:18 UTC
From: thomas.kielhorn
Topic: 11686 Message: 11686

Hi all- has anybody moded the TS690 for a 2.nd RX input for 6m? i like to do it for a rx preamp without relais- will do it with 2.nd koax and a relais on the antenna.

So- the question is where to put the 2.nd rx in for 6m - any idea?

73 from Thomas DF6HT

11687. FS TS-450S & PS53

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-07 15:22:02 UTC
From: wa1edn
Topic: 11687 Message: 11687

I have a TS450S (no tuner) for sale. No known problems with any operation functions except the M.CH/VFO CH switch sometimes jumps frequency when tuning with it. It has no effect on any other operation. It has the stock filters and microphone. The only option is the VS-2 px Voice Synthesizer. Cosmetically it is a 7 and I can supply 9 digital photos. I don't use it much except for receiving. It comes with the original box and operating manual and a CD with the the repair manual. Asking $335 plus $25 shipping. I also have the PS53 power supply for sale for $75 plus $20 shipping in the original box. PM me if interested. Jim

11688. Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-07 16:03:44 UTC
From: David
Topic: 990 Message: 11688

I just joined the group and thought an introduction was in order. Op is Dave, KD8MJB. I was on the air in 63 with a novice ticket, let it expire when I went into the USMC, now back on the air as of 2009 and loving every minute of it, just need to work out a way to find more minutes per day. I am now retired after spending 45 years in electronics and computers.

I just picked up a 450sat at a hamfest a month ago, but have not had time to try it out. I'm looking forward to checking this unit out and putting it on the air. I've always been a Kenwood man, currently running a ts-480sat.

Thanks for allowing me to join the group.

73
Dave

11689. Re: Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-08 18:38:14 UTC
From: danielbk0lsr
Topic: 990 Message: 11689

Hi Dave!

Welcome to the group. The 450 is an excellent rig and you'll love using it. I have one each of the TS-140, 440, 690 and 850. Oviously, I'm a Kenwood guy myself. You can find the answer to almost any question you might have here on the group.

73,
Daniel
K0LSR

--- In TS-850_450_690@yahoogroups.com, "David" <slopoke1012000@...> wrote:
>
> I just joined the group and thought an introduction was in order. Op is Dave, KD8MJB. I was on the air in 63 with a novice ticket, let it expire when I went into the USMC, now back on the air as of 2009 and loving every minute of it, just need to work out a way to find more minutes per day. I am now retired after spending 45 years in electronics and computers.
>
> I just picked up a 450sat at a hamfest a month ago, but have not had time to try it out. I'm looking forward to checking this unit out and putting it on the air. I've always been a Kenwood man, currently running a ts-480sat.
>
> Thanks for allowing me to join the group.
>
> 73
> Dave
>

11690. Re: [TS-850_450_690] Re: Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-09 00:17:14 UTC
From: Trent
Topic: 990 Message: 11690

Welcome, Dave! Only a TS-690s here, but its a keeper!

Trent
N4DTF

Sent from my iPad

On Dec 8, 2012, at 12:38 PM, "danielbk0lsr" <ddbasnett@gmail.com> wrote:

> Hi Dave!
>
> Welcome to the group. The 450 is an excellent rig and you'll love using it. I have one each of the TS-140, 440, 690 and 850. Oviously, I'm a Kenwood guy myself. You can find the answer to almost any question you might have here on the group.
>
> 73,
> Daniel
> K0LSR
>
> --- In TS-850_450_690@yahoogroups.com, "David" <slopoke1012000@...> wrote:
> >
> > I just joined the group and thought an introduction was in order. Op is Dave, KD8MJB. I was on the air in 63 with a novice ticket, let it expire when I went into the USMC, now back on the air as of 2009 and loving every minute of it, just need to work out a way to find more minutes per day. I am now retired after spending 45 years in electronics and computers.
> >
> > I just picked up a 450sat at a hamfest a month ago, but have not had time to try it out. I'm looking forward to checking this unit out and putting it on the air. I've always been a Kenwood man, currently running a ts-480sat.
> >
> > Thanks for allowing me to join the group.
> >
> > 73
> > Dave
> >
>
>

[Non-text portions of this message have been removed]

11691. connecting Kenwood 850 to Sommerkamp DX2000 linear

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-09 00:20:42 UTC
From: BIG DAVE
Topic: 11691 Message: 11691

Hi,
Have just purchased a Sommerkamp 2000 DX linear and would like to connect to 850 to see if working, it has no phono plugs on back for connection only screws, what pins on the din plug on back of radio should be used and to what connections? anybody connected one in the past.
Regards Dave.

11692. Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-10 08:05:11 UTC
From: m_helmut@rocketmail.com
Topic: 11692 Message: 11692

Hello!
I recently got an SDR and I would like to connect it to my TS-850 but I haven't been able to find information on how to make the connection.

- Can I just run a cable from the IF-out connector to the antenna input in the SDR or do I need something else in the line?
- What type of jack fits properly in the IF-out connector?

These questions might be a bit obvious but I prefer asking over breaking my equipment =)

Thanks for the help in advance,
Helmut

11693. Re: [TS-850_450_690] Hello a new TS-850 Owner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-10 23:08:35 UTC
From: Bob Naylor
Topic: 11681 Message: 11693

Brandon, Welcome. Yep, behind on e-mails. You'll love your 850. I've had mine for many years and have no desire to ever change.
Now that you've had it for a month or so, let us know how you like it.73, Bob WE6C

--- On Wed, 11/21/12, Tom Jones N8NMA <n8nma@...> wrote:

From: Tom Jones N8NMA <n8nma@...>
Subject: Re: [TS-850_450_690] Hello a new TS-850 Owner
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@...m>
Date: Wednesday, November 21, 2012, 2:38 PM

Check the CAR board for leaky caps, you can find a wealth of info online for the 850. They are great radios and where ahead of their time. Check out the page below.

http://www.jvgavila.com/wb7.htm

73...Tom

From: w4bss <w4bss@...>

To: TS-850_450_690@yahoogroups.com

Sent: Tuesday, November 20, 2012 10:42 PM

Subject: [TS-850_450_690] Hello a new TS-850 Owner

Hello everyone!

I just bought a pristine Kenwood TS-850SAT with all the filters installed and auto tuner. Im the second owner of it. What should I look for if problems start to show up. The serial number is 60 Million and I was told this was close to the last ones made and just about all the bugs had been worked out.

I know the original owner had a updated chip installed?? he said it was a common problem with the TS-850. Im not sure maybe someone will know what was done.

Also this radio has some smooth audio on SSB!

73s and have a Happy Turkey Day!!

Brandon

W4BSS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11694. Re: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-11 18:06:50 UTC
From: peterwalker1999
Topic: 11692 Message: 11694

Helmut

I connected a softrock SDR to my TS-850 with no problems.

I am away from home, so cant be too precise in my comments, but I am sure the connection on the back of the radio is a "phono" or "RCA" audio jack. I will double check when I get home!

You can connect the SDR directly to the IF output, but in my case with the softrock I found the IF level to be too low!

This is probably due to the low impedence of the SDR antenna input.

I constructed a simple amplifier using a MMIC, though any amplifier (approx 15db) working at the IF frequency of 8Mhz will do. I recal that the IF output is buffered inside the TS-840, so high impedence amplifier is not necessary, but probably desirable!

I dont know what kind of SDR you have, but if it is a fixed frequency one (like the softrock) be careful selecting the center frequency so the wanted signal is slightly off from the passband center.

This arrangement worksfine, and results in a panadaptpr display, or a second reciever, perfect for working DX stations operating "split" (listen on the DX station transmitting frequency, and listen arround to see where the station is listening in the pile-up!)

Peter

--- In TS-850_450_690@yahoogroups.com, "m_helmut@..." <m_helmut@...> wrote:
>
> Hello!
> I recently got an SDR and I would like to connect it to my TS-850 but I haven't been able to find information on how to make the connection.
>
> - Can I just run a cable from the IF-out connector to the antenna input in the SDR or do I need something else in the line?
> - What type of jack fits properly in the IF-out connector?
>
> These questions might be a bit obvious but I prefer asking over breaking my equipment =)
>
>
> Thanks for the help in advance,
> Helmut
>

11695. Re: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-11 19:14:58 UTC
From: Bob Naylor
Topic: 11692 Message: 11695

I guess I gotta ask a dumb question, what's an SDR?Bob WE6C

--- On Tue, 12/11/12, peterwalker1999 <yahoo@...> wrote:

From: peterwalker1999 <yahoo@...>
Subject: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, December 11, 2012, 10:06 AM

Helmut

I connected a softrock SDR to my TS-850 with no problems.

I am away from home, so cant be too precise in my comments, but I am sure the connection on the back of the radio is a "phono" or "RCA" audio jack. I will double check when I get home!

You can connect the SDR directly to the IF output, but in my case with the softrock I found the IF level to be too low!

This is probably due to the low impedence of the SDR antenna input.

I constructed a simple amplifier using a MMIC, though any amplifier (approx 15db) working at the IF frequency of 8Mhz will do. I recal that the IF output is buffered inside the TS-840, so high impedence amplifier is not necessary, but probably desirable!

I dont know what kind of SDR you have, but if it is a fixed frequency one (like the softrock) be careful selecting the center frequency so the wanted signal is slightly off from the passband center.

This arrangement worksfine, and results in a panadaptpr display, or a second reciever, perfect for working DX stations operating "split" (listen on the DX station transmitting frequency, and listen arround to see where the station is listening in the pile-up!)

Peter

--- In TS-850_450_690@yahoogroups.com, "m_helmut@..." <m_helmut@...> wrote:

>

> Hello!

> I recently got an SDR and I would like to connect it to my TS-850 but I haven't been able to find information on how to make the connection.

>

> - Can I just run a cable from the IF-out connector to the antenna input in the SDR or do I need something else in the line?

> - What type of jack fits properly in the IF-out connector?

>

> These questions might be a bit obvious but I prefer asking over breaking my equipment =)

>

>

> Thanks for the help in advance,

> Helmut

>

[Non-text portions of this message have been removed]

11696. Re: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-11 19:28:34 UTC
From: Zack Widup
Topic: 11692 Message: 11696

Software defined radio. A really great inexpensive entry to the field of SDR is the Softrock Ensemble II. I've been having a lot of fun with one. They are available from www.fivedash.com.

I'm not connected to the company in any way except that I'm a happy customer.

73, Zack W9SZ

On Tue, Dec 11, 2012 at 1:14 PM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> I guess I gotta ask a dumb question, what's an SDR?Bob WE6C
>
> --- On Tue, 12/11/12, peterwalker1999 <yahoo@...> wrote:
>
> From: peterwalker1999 <yahoo@...>
> Subject: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out
> To: TS-850_450_690@yahoogroups.com
> Date: Tuesday, December 11, 2012, 10:06 AM
>
>
>
>
>
> Helmut
>
> I connected a softrock SDR to my TS-850 with no problems.
>
> I am away from home, so cant be too precise in my comments, but I am sure
> the connection on the back of the radio is a "phono" or "RCA" audio jack. I
> will double check when I get home!
>
> You can connect the SDR directly to the IF output, but in my case with the
> softrock I found the IF level to be too low!
>
> This is probably due to the low impedence of the SDR antenna input.
>
> I constructed a simple amplifier using a MMIC, though any amplifier
> (approx 15db) working at the IF frequency of 8Mhz will do. I recal that the
> IF output is buffered inside the TS-840, so high impedence amplifier is not
> necessary, but probably desirable!
>
> I dont know what kind of SDR you have, but if it is a fixed frequency one
> (like the softrock) be careful selecting the center frequency so the wanted

> signal is slightly off from the passband center.
>
> This arrangement worksfine, and results in a panadaptpr display, or a
> second reciever, perfect for working DX stations operating "split" (listen
> on the DX station transmitting frequency, and listen arround to see where
> the station is listening in the pile-up!)
>
> Peter
>
> --- In TS-850_450_690@yahoogroups.com, "m_helmut@..." <m_helmut@...>
> wrote:
>
> >
>
> > Hello!
>
> > I recently got an SDR and I would like to connect it to my TS-850 but I
> haven't been able to find information on how to make the connection.
>
> >
>
> > - Can I just run a cable from the IF-out connector to the antenna input
> in the SDR or do I need something else in the line?
>
> > - What type of jack fits properly in the IF-out connector?
>
> >
>
> > These questions might be a bit obvious but I prefer asking over breaking
> my equipment =)
>
> >
>
> >
>
> > Thanks for the help in advance,
>
> > Helmut
>
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

11697. Re: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-11 21:21:55 UTC
From: Bob Naylor
Topic: 11692 Message: 11697

Thanks Zack.Bob

--- On Tue, 12/11/12, Zack Widup <w9sz.zack@...> wrote:

From: Zack Widup <w9sz.zack@...>
Subject: Re: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, December 11, 2012, 11:28 AM

Software defined radio. A really great inexpensive entry to the field of
SDR is the Softrock Ensemble II. I've been having a lot of fun with one.
They are available from www.fivedash.com.

I'm not connected to the company in any way except that I'm a happy
customer.

73, Zack W9SZ

On Tue, Dec 11, 2012 at 1:14 PM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> I guess I gotta ask a dumb question, what's an SDR?Bob WE6C
>
> --- On Tue, 12/11/12, peterwalker1999 <yahoo@g0rsq.co.uk> wrote:
>
> From: peterwalker1999 <yahoo@...>
> Subject: [TS-850_450_690] Re: Connecting an SDR to TS-850 IF out
> To: TS-850_450_690@yahoogroups.com
> Date: Tuesday, December 11, 2012, 10:06 AM
>
>
>
>
>
> Helmut
>
> I connected a softrock SDR to my TS-850 with no problems.
>
> I am away from home, so cant be too precise in my comments, but I am sure
> the connection on the back of the radio is a "phono" or "RCA" audio jack. I
> will double check when I get home!
>
> You can connect the SDR directly to the IF output, but in my case with the
> softrock I found the IF level to be too low!
>
> This is probably due to the low impedence of the SDR antenna input.

>
> I constructed a simple amplifier using a MMIC, though any amplifier
> (approx 15db) working at the IF frequency of 8Mhz will do. I recal that the
> IF output is buffered inside the TS-840, so high impedence amplifier is not
> necessary, but probably desirable!
>
> I dont know what kind of SDR you have, but if it is a fixed frequency one
> (like the softrock) be careful selecting the center frequency so the wanted
> signal is slightly off from the passband center.
>
> This arrangement worksfine, and results in a panadaptpr display, or a
> second reciever, perfect for working DX stations operating "split" (listen
> on the DX station transmitting frequency, and listen arround to see where
> the station is listening in the pile-up!)
>
> Peter
>
> --- In TS-850_450_690@yahoogroups.com, "m_helmut@..." <m_helmut@...>
> wrote:
>
> >
>
> > Hello!
>
> > I recently got an SDR and I would like to connect it to my TS-850 but I
> haven't been able to find information on how to make the connection.
>
> >
>
> > - Can I just run a cable from the IF-out connector to the antenna input
> in the SDR or do I need something else in the line?
>
> > - What type of jack fits properly in the IF-out connector?
>
> >
>
> > These questions might be a bit obvious but I prefer asking over breaking
> my equipment =)
>
> >
>
> >
>
> > Thanks for the help in advance,
>
> > Helmut
>
> >
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11698. FW: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-11 17:40:15 UTC
From: Steven Fischer
Topic: 11698 Message: 11698

I just did this☐ I made my own cable out of RG8U and used an RCA connector soldered on one end for the 850S rig and a male BNC for the LP-PAN box on the other end. Works nicely. Are you using and LP-PAN or something else to interface with your computer? SDR just refers to the software as far as I understand.

Steve
K6ETA

[Non-text portions of this message have been removed]

11699. Re: FW: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-12 03:09:03 UTC
From: m_helmut@rocketmail.com
Topic: 11698 Message: 11699

Thanks Steve!

Nice to see that it's just a simple cable making chore, I'll get right on that :-)
I am using an AFEDRI SDR to test the principle and see about getting a fixed-frequency radio to replace that later on.
SDR is an abbreviation of "Software Defined Radio" which to me sounds like it would cover both the software and the hardware.

Helmut

--- In TS-850_450_690@yahoogroups.com, Steven Fischer <steve@...> wrote:
>
> I just did this☐ I made my own cable out of RG8U and used an RCA connector
> soldered on one end for the 850S rig and a male BNC for the LP-PAN box on
> the other end. Works nicely. Are you using and LP-PAN or something else to
> interface with your computer? SDR just refers to the software as far as I
> understand.
>
> Steve
> K6ETA
>
>
>
>
> [Non-text portions of this message have been removed]
>

11700. Re: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-12 03:03:30 UTC
From: m_helmut@rocketmail.com
Topic: 11692 Message: 11700

Thanks Peter!

The IF-out jack looks indeed like an RCA-connector, I just wasn't sure if it was really that simple.
I have an AFEDRI SDR which is freely tunable over HF so crystal selection is not a problem. It probably doesn't make much sense plugging it to the TS-850 since I can tune that SDR on it's own, but if I get the principle working I'll get a Softrock with a 8.812 xtal.

Helmut

--- In TS-850_450_690@yahoogroups.com, "peterwalker1999" <yahoo@...> wrote:
>
> Helmut
>
> I connected a softrock SDR to my TS-850 with no problems.
>
> I am away from home, so cant be too precise in my comments, but I am sure the connection on the back of the radio is a "phono" or "RCA" audio jack. I will double check when I get home!
>
> You can connect the SDR directly to the IF output, but in my case with the softrock I found the IF level to be too low!
>
> This is probably due to the low impedence of the SDR antenna input.
>
> I constructed a simple amplifier using a MMIC, though any amplifier (approx 15db) working at the IF frequency of 8Mhz will do. I recal that the IF output is buffered inside the TS-840, so high impedence amplifier is not necessary, but probably desirable!
>
> I dont know what kind of SDR you have, but if it is a fixed frequency one (like the softrock) be careful selecting the center frequency so the wanted signal is slightly off from the passband center.
>
> This arrangement worksfine, and results in a panadaptpr display, or a second reciever, perfect for working DX stations operating "split" (listen on the DX station transmitting frequency, and listen arround to see where the station is listening in the pile-up!)
>
> Peter
>
> --- In TS-850_450_690@yahoogroups.com, "m_helmut@" <m_helmut@> wrote:
> >
> > Hello!
> > I recently got an SDR and I would like to connect it to my TS-850 but I haven't been able to find information on how to make the connection.
> >

> > - Can I just run a cable from the IF-out connector to the antenna input in the SDR or do I need something else in the line?
> > - What type of jack fits properly in the IF-out connector?
> >
> > These questions might be a bit obvious but I prefer asking over breaking my equipment =)
> >
> >
> > Thanks for the help in advance,
> > Helmut
> >
>

11701. Re: [TS-850_450_690] Re: FW: Connecting an SDR to TS-850 IF out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-12 05:06:18 UTC
From: Zack Widup
Topic: 11698 Message: 11701

The heart of the SDR is the Tayloe mixer, which digitally samples the frequency to be detected in quadrature. The quadrature signals are fed as mixing products to combiners which make them into "In-phase" (I) and "quadrature" (Q) audio signals. These are then fed into a stereo soundcard. Computer software processes the soundcard signals and decodes them, displays them on a spectrum scope, etc. You can see 96 kHz of spectrum at a time with a soundcard capable of a 96 kHz sampling rate. The popular software programs allow you to tune in to any signal in that 96 kHz passband and decode it as CW, USB, LSB, AM, RTTY, FM, etc.

So an SDR radio has a minimum of hardware but it does need some. It's pretty amazing what the software can do. For instance, you can record that 96 kHz segment you're listening to and play it back later, tune to the different signals in the recording, etc.

That's my crash course in SDR.
:-)

I had fun the other night watching and listening to a pileup on 40 CW with my SDR receiver.

73, Zack W9SZ

On 12/11/12, m_helmut@... <m_helmut@...> wrote:
> Thanks Steve!
>
> Nice to see that it's just a simple cable making chore, I'll get right on
> that :-)
> I am using an AFEDRI SDR to test the principle and see about getting a
> fixed-frequency radio to replace that later on.
> SDR is an abbreviation of "Software Defined Radio" which to me sounds like
> it would cover both the software and the hardware.
>
>
> ---
> Helmut
>
> --- In TS-850_450_690@yahoogroups.com, Steven Fischer <steve@...> wrote:
>>
>> I just did thisŠ I made my own cable out of RG8U and used an RCA
>> connector
>> soldered on one end for the 850S rig and a male BNC for the LP-PAN box on
>> the other end. Works nicely. Are you using and LP-PAN or something else
>> to
>> interface with your computer? SDR just refers to the software as far as

>> I
>> understand.
>>
>> Steve
>> K6ETA
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>

11702. PA Cooling Fans

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-12 17:07:39 UTC
From: W9GDH
Topic: 11702 Message: 11702

What is the size of the 2 cooling fans used to cool the PA.
If you have replaced them please pass on the supplier.
Kenwood parts East has them listed as discontinued.

11704. Re: PA Cooling Fans

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-12 19:58:31 UTC
From: avvidclif
Topic: 11702 Message: 11704

Matsushita Electric
Panaflow DC Brushless
Model FBA06T12H
DC 12v 0.21A
60mm x 60mm x 15mm

What else?

Clif

--- In TS-850_450_690@yahoogroups.com, "W9GDH" <w9gdh@...> wrote:
>
> What is the size of the 2 cooling fans used to cool the PA.
> If you have replaced them please pass on the supplier.
> Kenwood parts East has them listed as discontinued.
>

11705. Re: PA Cooling Fans

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-13 04:11:29 UTC
From: W9GDH
Topic: 11702 Message: 11705

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Matsushita Electric
> Panaflow DC Brushless
> Model FBA06T12H
> DC 12v 0.21A
> 60mm x 60mm x 15mm
>
> What else?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "W9GDH" <w9gdh@> wrote:
> >
> > What is the size of the 2 cooling fans used to cool the PA.
> > If you have replaced them please pass on the supplier.
> > Kenwood parts East has them listed as discontinued.
> >
> THANKS Cliff.
I know you would hane the info.

11706. TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-14 22:47:40 UTC
From: wb4ciw
Topic: 1009 Message: 11706

Every time I key the transmitter, the ALC surges to max and cuts the outpur pwr to zero. If I rapidly tap the push to talk tab on the microphone then it "corrects itself" and transmits correctly showing the correct amount of ALC and output power.

Any thoughts???

Tnx,
Frank

11707. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-15 04:52:59 UTC
From: Tom Jones N8NMA
Topic: 1009 Message: 11707

I believe this is the DC-DC board problem. You can find info online about it.
Tom N8NMA

From: wb4ciw <WB4CIW@...m>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 14, 2012 5:47 PM
Subject: [TS-850_450_690] TS-850SAT

Every time I key the transmitter, the ALC surges to max and cuts the outpur pwr to zero. If I rapidly tap the push to talk tab on the microphone then it "corrects itself" and transmits correctly showing the correct amount of ALC and output power.

Any thoughts???

Tnx,
Frank

[Non-text portions of this message have been removed]

11708. Help with a TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-15 18:46:21 UTC
From: Joe Cotignola
Topic: 11708 Message: 11708

Clear Day

Hi all - I have a 30mil serial number TS-850 and in the past month or so I have had to re-set it at least twice after finding that I cannot change Bands, Modes and any other function that require a button press - they are all in-operative.
As soon as I re-set the rig, all of the functions work again.
This is the same radio where, after installing filters and setting the switches, the do not show up as a choice when pressing the 455 or 8.83 buttons to toggle through them.

Should I be looking at replacing a board and if so, which one - I am guessing the Digital Board ??

Any help/advice would be appreciated.

73 Joe WR2B

[Non-text portions of this message have been removed]

11709. Kenwood TS-450s(at) will not stop scanning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-16 20:17:35 UTC
From: JJK
Topic: 11709 Message: 11709

Hello, I am new to this group and would like to say hello. I am W4JJK and have decided to expand my HAM experience. I just purchased from eBay, a TS-450, and am working on my General also at the same time. However, the TS-450 will not stop scanning. It seems everything on it is in working shape except it will not stop scanning. I did not get a manual with it, but found one online. I have tried most of what I thought would help, but to no avail at this time. I am just wondering if I lost my $450 on a broken radio and if so, has anyone experienced this and knows whether or not it is fixable, and so on?

Thanks, Jim
W4JJK

11710. Re: [TS-850_450_690] Kenwood TS-450s(at) will not stop scanning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-16 22:35:35 UTC
From: Dave Rust
Topic: 11709 Message: 11710

Jim is the button stuck. You might try getting a little tuner cleaner behind that button. It may have dust in there. I doubt that you have a serious problem, perhaps more mechanical than anything. If you are stumped, Cliff at AVVid will do you an excellent job of repairing the radio. They are too nice a radio to give up on. I know we don't want to spend any more than we have to, but sometimes it comes to that. He just did some work on a TS430s and its like new since he had it.

Dave W0DLR 73

[Non-text portions of this message have been removed]

11711. Re: Kenwood TS-450s(at) will not stop scanning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-17 16:34:19 UTC
From: JJK
Topic: 11709 Message: 11711

Hi Dave, thanks for the reply. I just thought of something and maybe I am looking in the wrong place. It only scans continuously in the forward direction. Maybe the UP arror is the key that has the problem. The SCAN key seems to do all functins correct and reacts as expected when used. Also, while it is doing this, the transmit will not key up either, if this is any indication of something. It just keeps counting. I will look at the UP arrow when I get home today. I have used ALL of the power ON hold this key, hold that key options also, nothing stops it. It goes to 40,000,00 then stops. Never counts backwards, only forward or UP.

--- In TS-850_450_690@yahoogroups.com, "Dave Rust" <dlrust@...> wrote:
>
> Jim is the button stuck. You might try getting a little tuner cleaner behind that button. It may have dust in there. I doubt that you have a serious problem, perhaps more mechanical than anything. If you are stumped, Cliff at AVVid will do you an excellent job of repairing the radio. They are too nice a radio to give up on. I know we don't want to spend any more than we have to, but sometimes it comes to that. He just did some work on a TS430s and its like new since he had it.
>
> Dave W0DLR 73
>
> [Non-text portions of this message have been removed]
>

11712. Re: TS-690S Power Loss, All modes, All bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-17 17:07:32 UTC
From: Roberto
Topic: 11658 Message: 11712

Still with problems.
I have a hint. I left it on for longer and it started to beep PL PL PL
Looks like the PL is not locking up.
I guess it is getting worst.
At the end, the frequency on display disappear and was replaced only by dots.

Can someone kindly suggest an idea?
I will open and clean all the boards.

73 de Rob.
YS1RS
--- In TS-850_450_690@yahoogroups.com, Roberto Salazar <ys1rs@...> wrote:
>
> IÂ´ll try that.
>
> Thanks.
>
> Rob
>
> _____
> From: Roberto <ys1rs@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, October 28, 2012 9:04 PM
> Subject: [TS-850_450_690] TS-690S Power Loss, All modes, All bands
>
>
> Â
> Hello,
> Greetings from El Salvador, Central America, YS country.
> New member here and thanks for letting me join.
>
> My TS-690S is only providing 5 watts output in all bands and all modes.
> Have tried with a dummy load and with and external power meter and same thing.
> Apart from the power output problem, the rest seems to be working fine in all respects.
>
> The ALC barely lift up too.
>
> Has someone experienced this problem that may suggest an approach to solve it?
>
> Thanks in advance.
>
> 73 de Rob.
> YS1RS
>
> [Non-text portions of this message have been removed]

>
>
>
>
> [Non-text portions of this message have been removed]
>

11713. Re: Kenwood TS-450s(at) will not stop scanning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-18 15:16:00 UTC
From: JJK
Topic: 11709 Message: 11713

Oh well, that did not work. I have a kenwood repair center down the road, so I guess that is the best way to go at this time. Going to have them go thru it at the same time and adjust whatever it needs, etc. Cheaper than having to buy a brand new one, at least so far. Thanks for the help.

--- In TS-850_450_690@yahoogroups.com, "JJK" wrote:

Hi Dave, thanks for the reply. I just thought of something and maybe I am looking in the wrong place. It only scans continuously in the forward direction. Maybe the UP arror is the key that has the problem. The SCAN key seems to do all functins correct and reacts as expected when used. Also, while it is doing this, the transmit will not key up either, if this is any indication of something. It just keeps counting. I will look at the UP arrow when I get home today. I have used ALL of the power ON hold this key, hold that key options also, nothing stops it. It goes to 40,000,00 then stops. Never counts backwards, only forward or UP.

--- In TS-850_450_690@yahoogroups.com, "Dave Rust" wrote:

Jim is the button stuck. You might try getting a little tuner cleaner behind that button. It may have dust in there. I doubt that you have a serious problem, perhaps more mechanical than anything. If you are stumped, Cliff at AVVid will do you an excellent job of repairing the radio. They are too nice a radio to give up on. I know we don't want to spend any more than we have to, but sometimes it comes to that. He just did some work on a TS430s and its like new since he had it.

Dave W0DLR 73

[Non-text portions of this message have been removed]

11714. Microphone wanted.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-18 19:01:40 UTC
From: michaelrae65
Topic: 11714 Message: 11714

Just wondering if any member has a spare or no longer used fist mic for the TS-450 or 690 or even something that would have the same actions, there is a seller on you know where but his MC-43S is in bits with the PTT bar and switch missing, so can you help. Pse make contact out of group. Michael M3EMB

11715. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-18 21:32:48 UTC
From: raydeeoh
Topic: 1009 Message: 11715

DC-DC board issue. Easy & inexpensive fix. Check the files area.
Merry Christmas & 73,
Robert
VE7ZN

From: wb4ciw <WB4CIW@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 14, 2012 2:47:40 PM
Subject: [TS-850_450_690] TS-850SAT

Every time I key the transmitter, the ALC surges to max and cuts the outpur pwr to zero. If I rapidly tap the push to talk tab on the microphone then it "corrects itself" and transmits correctly showing the correct amount of ALC and output power.

Any thoughts???

Tnx,
Frank

[Non-text portions of this message have been removed]

11716. TS450 LCD Brightness

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-19 18:43:02 UTC
From: m6gbt
Topic: 11716 Message: 11716

My TS450 lcd is a lot brighter than my ts850 I have had a look in the manual to see if there is anything in the menu settings is there anything i can do to check to see if this is the way it should be or can it be turned down a little. Took me a while to get a replacement digital board & wish to avoid any further problems

Thanks

11717. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-19 19:23:01 UTC
From: my81cruiser
Topic: 1009 Message: 11717

I have similar issue with my TS-850, but cannot find the details in the Files area. Please provide a link. Thanks.

--- In TS-850_450_690@yahoogroups.com, raydeeoh <raydeeoh08@...> wrote:
>
> DC-DC board issue. Easy & inexpensive fix. Check the files area.
> Merry Christmas & 73,
> Robert
> VE7ZN
>
>
> _____
> From: wb4ciw <WB4CIW@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, December 14, 2012 2:47:40 PM
> Subject: [TS-850_450_690] TS-850SAT
>
> Â
> Every time I key the transmitter, the ALC surges to max and cuts the outpur pwr to zero. If I rapidly tap the push to talk tab on the microphone then it "corrects itself" and transmits correctly showing the correct amount of ALC and output power.
>
> Any thoughts???
>
> Tnx,
> Frank
>
>
>
>
> [Non-text portions of this message have been removed]
>

11718. TR-751E ctcss board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 11:44:01 UTC
From: michaelrae65
Topic: 11718 Message: 11718

I hope I am not to far off group transceivers here but I just a moment ago started to use my kenwood multimode the ts-751e on 2m, I new it had no ctcss board just a tone button 1750 I presum things have moved on since the 1750 tone days plus I have only been at this qth for a year - first xmas so my question is can a ctcss board be fitted in the ts-751e pref not by me but by one of the ham shops and which one, hoping there only a phone call away, any idea as to cost for such a job and how would I see the tones in the display, Mike M3EMB. My teacher is older and wiser then me

11719. Re: TR-751E ctcss board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 14:53:28 UTC
From: Bob Richie
Topic: 11718 Message: 11719

Way off topic for this group. You would probably get better answers on a VHF forum.

Bob
K5YB
Kerrville, TX 78028

[Non-text portions of this message have been removed]

11720. RE: [TS-850_450_690] TR-751E ctcss board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 15:34:44 UTC
From: Tom Muzzin
Topic: 11718 Message: 11720

Mike...I have seen an aftermarket ctcss board installed into radio's be it a typical ham rig or a converted commercial ie Motorola, GE, STANDARD radio. The tone frequency is set to one frequency and wired for tone enable (TX) and/or decode (RX). The radio DOES NOT display the tone frequency - it is set once and forget it. These tone units are under $50 CAN. Other than being stuck on one frequency, they work very well - just remember the user cannot turn the tone off or on. I don't believe the tone board is in the SSB/CW modulator circuits, just FM mode. Been many many years since I worked on one.Good luck and let the group know how you make out.73 es Merry ChristmasTom VE3THR

To: TS-850_450_690@yahoogroups.com
From: michaelrae65@yahoo.co.uk
Date: Thu, 20 Dec 2012 11:44:01 +0000
Subject: [TS-850_450_690] TR-751E ctcss board.

I hope I am not to far off group transceivers here but I just a moment ago started to use my kenwood multimode the ts-751e on 2m, I new it had no ctcss board just a tone button 1750 I presum things have moved on since the 1750 tone days plus I have only been at this qth for a year - first xmas so my question is can a ctcss board be fitted in the ts-751e pref not by me but by one of the ham shops and which one, hoping there only a phone call away, any idea as to cost for such a job and how would I see the tones in the display, Mike M3EMB. My teacher is older and wiser then me

[Non-text portions of this message have been removed]

11721. Any one need a Christmas Present

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 15:35:51 UTC
From: Jerry
Topic: 11721 Message: 11721

TS 850 S with CW filter $500
--
Not sent from an iPhone: I prefer cappuccino to Cupertino.

[Non-text portions of this message have been removed]

11722. Re; why off subject for this group.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 18:05:24 UTC
From: michaelrae65
Topic: 11722 Message: 11722

thanks guys I have now found a Kenwood TR-751E group, BTW the ctcss board is called piexx and I have seen they sell for $50, my on air contact said £10 I am sure that is way less than $50 all this before the shop guy put the board in the FM line, mind you I was silly a few years ago I sold a Radio Shack tone dialer that I could have put before the mic, we live and learn.
Subject now closed.
Many Thanks too both guys. Mike M3EMB.

11723. Re: [TS-850_450_690] Re; why off subject for this group.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 20:53:41 UTC
From: Trent Fleming
Topic: 11722 Message: 11723

We kenwood guys have to stick together. There is an amazing number of specialty groups, though, I found one for the 790 series as well.

Hope you have a speedy recovery!

Trent
N4DTF
(TS-690s, tm-621 for the moment)

On Thu, Dec 20, 2012 at 12:05 PM, michaelrae65 <michaelrae65@...>wrote:

> **
>
>
> thanks guys I have now found a Kenwood TR-751E group, BTW the ctcss board
> is called piexx and I have seen they sell for $50, my on air contact said
> £10 I am sure that is way less than $50 all this before the shop guy put
> the board in the FM line, mind you I was silly a few years ago I sold a
> Radio Shack tone dialer that I could have put before the mic, we live and
> learn.
> Subject now closed.
> Many Thanks too both guys. Mike M3EMB.
>
>
>

--
Trent Fleming

My blog on banking topics:

www.bankinginsights.blogspot.com

My web site

www.trentfleming.com

Follow me on FaceBook
www.facebook.com/thetechnologyadvisor

Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

[Non-text portions of this message have been removed]

11724. Found a very cheap ctcss board.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-20 21:26:32 UTC
From: michaelrae65
Topic: 11724 Message: 11724

Well YES if it's kenwood we and I should be able to ask a question on here as long as it is quick in its reply and is not going on and on and not to be told this is a HF only group I see someone did take note of the Kenwood HF policeman, I am now pleased to report to those who have a VHF rig without a ctcss tone board that a guy in South Africa is making them and he has sold 121 such boards as he says FOR MOST RIGS so if your TX is of the VHF kind etc e-mail me out of group, his cost is about $18 about £10. . End of open subject. Mike M3EMB.

11725. Re: Any one need a Christmas Present

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-21 09:47:34 UTC
From: bswadener
Topic: 11721 Message: 11725

Jerry WA2TTI wrote:
>
> TS 850S with CW filter $500
> --

Serial number range... 2xxxx..., 3xxxx..., etc? Or, does it have the later DDS ICs (pn YM66312) that don't die an early death and are now unobtanium?

Which CW filter... Kenwood YK88C-1, YK88CN-1, YG455C-1, YG-455CN-1, or InRad #22, #104, #186, #305, #528?

Any other options or standard items such as ATU, microphone, power cord, etc?

tnx es vy 73,
Bryan WA7PRC

11726. Re: [TS-850_450_690] Re: Any one need a Christmas Present

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-21 15:14:00 UTC
From: Jerry
Topic: 11721 Message: 11726

Serial number is 31000581, CW filter YG455C-1, ATU(the best part about this radio) -- No mic or power cord - I do have the PS 50 but the shipping cost is tough. Jerry

On 12/21/2012 4:47 AM, bswadener wrote:

>
> Jerry WA2TTI wrote:
> >
> > TS 850S with CW filter $500
> > --
>
> Serial number range... 2xxxx..., 3xxxx..., etc? Or, does it have the
> later DDS ICs (pn YM66312) that don't die an early death and are now
> unobtanium?
>
> Which CW filter... Kenwood YK88C-1, YK88CN-1, YG455C-1, YG-455CN-1, or
> InRad #22, #104, #186, #305, #528?
>
> Any other options or standard items such as ATU, microphone, power
> cord, etc?
>
> tnx es vy 73,
> Bryan WA7PRC
>
>

--
Not sent from an iPhone: I prefer cappuccino to Cupertino.

[Non-text portions of this message have been removed]

11727. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-21 18:58:50 UTC
From: raydeeoh
Topic: 1009 Message: 11727

Go to this page:
http://www.qsl.net/k0bx/

or, check here:

http://www.cqham.ru/ts850repair.htm

Cheers and 73,
Robert
VE7ZN

From: my81cruiser <jchriste@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, December 19, 2012 11:23:01 AM
Subject: [TS-850_450_690] Re: TS-850SAT

I have similar issue with my TS-850, but cannot find the details in the Files area. Please provide a link. Thanks.

--- In mailto:TS-850_450_690%40yahoogroups.com, raydeeoh <raydeeoh08@...> wrote:
>
> DC-DC board issue. Easy & inexpensive fix. Check the files area.
> Merry Christmas & 73,
> Robert
> VE7ZN
>
>
> ---
> From: wb4ciw <WB4CIW@...>
> To: mailto:TS-850_450_690%40yahoogroups.com
> Sent: Friday, December 14, 2012 2:47:40 PM
> Subject: [TS-850_450_690] TS-850SAT
>
> Â
> Every time I key the transmitter, the ALC surges to max and cuts the outpur pwr to zero. If I rapidly tap the push to talk tab on the microphone then it "corrects itself" and transmits correctly showing the correct amount of ALC and output power.
>
> Any thoughts???
>
> Tnx,
> Frank
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

11728. Re: [TS-850_450_690] Re: Any one need a Christmas Present

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-21 21:00:43 UTC
From: Jerry
Topic: 11721 Message: 11728

TS 850s is sold
On 12/21/2012 4:47 AM, bswadener wrote:
>
> Jerry WA2TTI wrote:
> >
> > TS 850S with CW filter $500
> > --
>
> Serial number range... 2xxxx..., 3xxxx..., etc? Or, does it have the
> later DDS ICs (pn YM66312) that don't die an early death and are now
> unobtanium?
>
> Which CW filter... Kenwood YK88C-1, YK88CN-1, YG455C-1, YG-455CN-1, or
> InRad #22, #104, #186, #305, #528?
>
> Any other options or standard items such as ATU, microphone, power
> cord, etc?
>
> tnx es vy 73,
> Bryan WA7PRC
>
>

--
Not sent from an iPhone: I prefer cappuccino to Cupertino.

[Non-text portions of this message have been removed]

11729. 472 Khz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-22 23:18:11 UTC
From: Paul Spiteri
Topic: 11729 Message: 11729

Hi all,
I notice that my TS-850 receive on 472 - 479 KHz . Is there any transverter or modification so that it can transmit also on 472 - 479 Khz ?
Any help is appriciated.

Regards
9H1SP
Paul

[Non-text portions of this message have been removed]

11730. TS-850s problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-23 03:00:12 UTC
From: joewr2b
Topic: 11730 Message: 11730

I have a 30mil serial number 850 that locks up on occasion. I cannot change bands or use any of the push-button functions.
The only cure is to do a re-set.
I am guessing the Digital board needs replacing but would appreciate any confirmation of this before I do the repair.
Thanks in advance
73
Joe WR2B

11731. Carrier Board Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-23 03:32:19 UTC
From: aero4rf
Topic: 4453 Message: 11731

Is it best to use a higher working voltage for the 10uf and 47uf or just stay with the original value of 16 volts? What would be the advantage of using a higher voltage?

Mike
WB0GOA

11732. Re: TS-850s problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-23 15:50:08 UTC
From: avvidclif
Topic: 11730 Message: 11732

Good luck on finding a good digital board.

Most likely the battery has leaked. There are several daya lines that run under the battery and can become intermittent when the acid damages the thru holes or traces. Start there.

Clif

--- In TS-850_450_690@yahoogroups.com, "joewr2b" <connjc@...> wrote:
>
> I have a 30mil serial number 850 that locks up on occasion. I cannot change bands or use any of the push-button functions.
> The only cure is to do a re-set.
> I am guessing the Digital board needs replacing but would appreciate any confirmation of this before I do the repair.
> Thanks in advance
> 73
> Joe WR2B
>

11733. Re: Carrier Board Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-23 15:51:28 UTC
From: avvidclif
Topic: 4453 Message: 11733

None they are all on a 5v buss.

Clif

--- In TS-850_450_690@...m, "aero4rf" <aero4rf@...> wrote:
>
> Is it best to use a higher working voltage for the 10uf and 47uf or just stay with the original value of 16 volts? What would be the advantage of using a higher voltage?
>
> Mike
> WB0GOA
>

11734. TS 850 IF filters alignment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-24 15:11:11 UTC
From: ik5vlp
Topic: 11734 Message: 11734

Hi all,

on my excellent TS 850 I have installed the original 500 Hz filters on both IF (8.83 and 455). Receiving CW I have the following situation: with pitch e.g. at 750 Hz, the central portion of the bandwith is shifted down of about 130 Hz: with SLOP TUNE (only moving "low cut" till hour 9) I can adjust this difference.
My radio has the TCXO and is perfectly tuned with a reference oscillator - checks were made with a spectrum analyzer - slope tune windows calibrated as the service manual procedure. So I guess the windows of filters are not perfectly centered on the pitch value, and again if I insert the 270 Hz filter on 8.83 IF, just the same problem (I have to adjust the "slope tune low cut" even further).

Are these 130 Hz a passable value or can I do anything (easily) to align the filters? And if possible, how ?

Thanks in advance for all your suggestions, and I take this opportunity to wish you Merry Xmas and happy new year.

Best 73 de Alex - IK5VLP

11735. Re: TS 850 IF filters alignment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-24 15:49:50 UTC
From: avvidclif
Topic: 11734 Message: 11735

Align the carrier oscillators per the SM and see what happens. Also the 850 is designed for an 800 hZ cw pitch.

Clif

--- In TS-850_450_690@yahoogroups.com, "ik5vlp" <alexpaddle09@...> wrote:
>
> Hi all,
>
> on my excellent TS 850 I have installed the original 500 Hz filters on both IF (8.83 and 455). Receiving CW I have the following situation: with pitch e.g. at 750 Hz, the central portion of the bandwith is shifted down of about 130 Hz: with SLOP TUNE (only moving "low cut" till hour 9) I can adjust this difference.
> My radio has the TCXO and is perfectly tuned with a reference oscillator - checks were made with a spectrum analyzer - slope tune windows calibrated as the service manual procedure.
> So I guess the windows of filters are not perfectly centered on the pitch value, and again if I insert the 270 Hz filter on 8.83 IF, just the same problem (I have to adjust the "slope tune low cut" even further).
>
> Are these 130 Hz a passable value or can I do anything (easily) to align the filters? And if possible, how ?
>
>
> Thanks in advance for all your suggestions, and I take this opportunity to wish you Merry Xmas and happy new year.
>
> Best 73 de Alex - IK5VLP
>

11736. Re: TS 850 IF filters alignment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-25 08:50:38 UTC
From: tk5ep
Topic: 11734 Message: 11736

Hi Alex,

You say, you installed the original filters. You probably mean Kenwood filters ?
I remember having read something about different versions of these filters, one part number ending with -0 and another -1.
As far as i remember, they should haven slightly different center frequencies. 100 Hz i believe...

Check what version you have. Maybe a track to follow ?

73, Patrick

--- In TS-850_450_690@yahoogroups.com, "ik5vlp" <alexpaddle09@...> wrote:
>
> Hi all,
>
> on my excellent TS 850 I have installed the original 500 Hz filters on both IF (8.83 and 455). Receiving CW I have the following situation: with pitch e.g. at 750 Hz, the central portion of the bandwith is shifted down of about 130 Hz: with SLOP TUNE (only moving "low cut" till hour 9) I can adjust this difference.
> My radio has the TCXO and is perfectly tuned with a reference oscillator - checks were made with a spectrum analyzer - slope tune windows calibrated as the service manual procedure.
> So I guess the windows of filters are not perfectly centered on the pitch value, and again if I insert the 270 Hz filter on 8.83 IF, just the same problem (I have to adjust the "slope tune low cut" even further).
>
> Are these 130 Hz a passable value or can I do anything (easily) to align the filters? And if possible, how ?
>
>
> Thanks in advance for all your suggestions, and I take this opportunity to wish you Merry Xmas and happy new year.
>
> Best 73 de Alex - IK5VLP
>

11737. TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-26 01:55:27 UTC
From: Kenneth
Topic: 11737 Message: 11737

Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO

11738. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-26 04:10:24 UTC
From: avvidclif
Topic: 11737 Message: 11738

It depends on your voice and how far from the mic you were. The hand mic is designed to be close-talked, less than an inch. If you were that close then something else is wrong.

Clif

--- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@...> wrote:
>
> Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO
>

11739. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-26 15:23:23 UTC
From: michaelrae65
Topic: 11737 Message: 11739

Hi. Re stock mic on the 450s I use a SHURE 444 and always got full mod I now have the 690 and getting the same results, get a 444. Mike M3EMB.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> It depends on your voice and how far from the mic you were. The hand mic is designed to be close-talked, less than an inch. If you were that close then something else is wrong.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@> wrote:
> >
> > Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO
> >
>

11740. Re: [TS-850_450_690] Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-26 18:06:19 UTC
From: Bob Naylor
Topic: 11737 Message: 11740

If you turn the power down some, maybe to 75w or so, does it behave the same way?Bob WE6C

--- On Tue, 12/25/12, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [TS-850_450_690] Re: TS 450S
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, December 25, 2012, 8:10 PM

It depends on your voice and how far from the mic you were. The hand mic is designed to be close-talked, less than an inch. If you were that close then something else is wrong.

Clif

--- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@...> wrote:

>

> Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO

>

[Non-text portions of this message have been removed]

11741. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-26 18:18:42 UTC
From: kc2mbv
Topic: 11737 Message: 11741

--- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@...> wrote:
>
> I had to turn the mic gain almost all the way up.
>

Is the PROC on?

I find that my radio behaves exactly as you describe when I switch off the PROC, speak in a normal tone at roughly 4 inches from the stock mic. With PROC off I get no movement on the ALC meter and when I switch it on I get full scale deflection. (Or whatever you call FSD on a segmented LED meter. :)

Frank.

11742. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-27 00:48:56 UTC
From: Kenneth
Topic: 11737 Message: 11742

Thanks to all who replied. Clif, I had the mic as you said, about 1 inch from my mouth and speeking a little loud. I normally use a desk mic on my yaesu and I don't have to speak very loud at all. I did not have the processor on. I will try it with reduced power and see what happens. Also, I had the carrier control turned all the way counter clockwise. Thanks to all. Ken

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
> It depends on your voice and how far from the mic you were. The hand mic is designed to be close-talked, less than an inch. If you were that close then something else is wrong.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Kenneth" wa5reoken@ wrote:
> >
> > Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO
> >
>

[Non-text portions of this message have been removed]

11743. Re: [TS-850_450_690] Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-27 01:48:15 UTC
From: Crownhaven
Topic: 11737 Message: 11743

What did your contact say about your audio, power? How did it sound in
the monitor?

Steve, N4JQQ

On 12/26/2012 6:48 PM, Kenneth wrote:
>
>
> Thanks to all who replied. Clif, I had the mic as you said, about 1
> inch from my mouth and speeking a little loud. I normally use a desk
> mic on my yaesu and I don't have to speak very loud at all. I did not
> have the processor on. I will try it with reduced power and see what
> happens. Also, I had the carrier control turned all the way counter
> clockwise. Thanks to all. Ken
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "avvidclif" wrote:
> >
> > It depends on your voice and how far from the mic you were. The hand
> mic is designed to be close-talked, less than an inch. If you were that
> close then something else is wrong.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "Kenneth" wa5reoken@ wrote:
> > >
> > > Hi All. I just bought a TS 450S. I made my first contact with the
> rig. Everything seemed to work well except for one thing. Using the
> original stock hand mic and tuned up on 40 meters to a resonate antenna
> and a flat SWR, I had to turn the mic gain almost all the way up. My
> contact was also using the stock hand mic on a 450S and he had his gain
> in the 9:00 o'clock position vs me having mine in the 3:00 o'clock
> position. My voice peaks were just under the ALC. Is this normal for
> this rig? Thanks. Ken, WA5REO
> > >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11744. TS-690 no display or audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-27 02:49:28 UTC
From: Mike34230
Topic: 11744 Message: 11744

My TS-690 was on in receive mode and the audio quit. I looked over at it and noticed the display was blank also. I shut it off and turned it back on, and all seemed fine for a short time, but soon the display and audio both went out again. The next time I powered it up, I noticed the RIT button, when held pressed, would turn on and off the RIT very rapidly. The time that it would behave normally was less each time I turned it on, until now, where it will no longer display a frequency at all. It will power up with no display (a faint glow but no segments lit), or with all segments of the display lit, or sometimes with every other segment of the meter lit.

I opened it up and found the battery was discolored and had leaked a bit, but it was at 1.8v and still maintaining the memory channels. Pin 21 of the ROM chip (IC-2) had some corrosion, but the part of the pin that went into the socket is shiny. There are a couple of specks of corrosion on the traces that run under the RAM chip (IC-3), but there is still continuity (1/2 ohm) from one end to the other.

I replaced the lithium battery, but no change.

Any ideas?

Thanks, 73, Happy Holidays,
Mike - AA1AR

11745. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-28 01:14:44 UTC
From: Kenneth
Topic: 11737 Message: 11745

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>

Hi Steve. My contact, Tim WA5TGK, said that my audio sounded good. He was a little surprised when I told him the mic gain was set so high. I never monitored my own audio. I think I will do that next. I was thinking about ordering another mic and trying it. Maybe a MC 60A. Thanks for the reply. Thanks to all the group. Ken, WA5REO

> What did your contact say about your audio, power? How did it sound in
> the monitor?
>
> Steve, N4JQQ
>
>
> On 12/26/2012 6:48 PM, Kenneth wrote:
> >
> >
> > Thanks to all who replied. Clif, I had the mic as you said, about 1
> > inch from my mouth and speeking a little loud. I normally use a desk
> > mic on my yaesu and I don't have to speak very loud at all. I did not
> > have the processor on. I will try it with reduced power and see what
> > happens. Also, I had the carrier control turned all the way counter
> > clockwise. Thanks to all. Ken
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "avvidclif" wrote:
> > >
> > > It depends on your voice and how far from the mic you were. The hand
> > mic is designed to be close-talked, less than an inch. If you were that
> > close then something else is wrong.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "Kenneth" wa5reoken@ wrote:
> > > >
> > > > Hi All. I just bought a TS 450S. I made my first contact with the
> > rig. Everything seemed to work well except for one thing. Using the
> > original stock hand mic and tuned up on 40 meters to a resonate antenna
> > and a flat SWR, I had to turn the mic gain almost all the way up. My
> > contact was also using the stock hand mic on a 450S and he had his gain
> > in the 9:00 o'clock position vs me having mine in the 3:00 o'clock
> > position. My voice peaks were just under the ALC. Is this normal for
> > this rig? Thanks. Ken, WA5REO
> > > > >

> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

11746. Re: [TS-850_450_690] Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-28 05:14:00 UTC
From: Crownhaven
Topic: 11737 Message: 11746

I like the hand mic personally. That is all I have ever used. I would spend a bunch of money on a new mic until I figured out what was going on. Good luck Kenneth.

Steve, N4JQQ

On 12/27/2012 7:14 PM, Kenneth wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> wrote:
> >
>
> Hi Steve. My contact, Tim WA5TGK, said that my audio sounded good. He
> was a little surprised when I told him the mic gain was set so high. I
> never monitored my own audio. I think I will do that next. I was
> thinking about ordering another mic and trying it. Maybe a MC 60A.
> Thanks for the reply. Thanks to all the group. Ken, WA5REO
>
> > What did your contact say about your audio, power? How did it sound in
> > the monitor?
> >
> > Steve, N4JQQ
> >
> >
> > On 12/26/2012 6:48 PM, Kenneth wrote:
> > >
> > >
> > > Thanks to all who replied. Clif, I had the mic as you said, about 1
> > > inch from my mouth and speeking a little loud. I normally use a desk
> > > mic on my yaesu and I don't have to speak very loud at all. I did not
> > > have the processor on. I will try it with reduced power and see what
> > > happens. Also, I had the carrier control turned all the way counter
> > > clockwise. Thanks to all. Ken
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "avvidclif" wrote:
> > > >
> > > > It depends on your voice and how far from the mic you were. The hand
> > > mic is designed to be close-talked, less than an inch. If you were
> that
> > > close then something else is wrong.

> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "Kenneth" wa5reoken@ wrote:
> > > > >
> > > > > Hi All. I just bought a TS 450S. I made my first contact with the
> > > rig. Everything seemed to work well except for one thing. Using the
> > > original stock hand mic and tuned up on 40 meters to a resonate
> antenna
> > > and a flat SWR, I had to turn the mic gain almost all the way up. My
> > > contact was also using the stock hand mic on a 450S and he had his
> gain
> > > in the 9:00 o'clock position vs me having mine in the 3:00 o'clock
> > > position. My voice peaks were just under the ALC. Is this normal for
> > > this rig? Thanks. Ken, WA5REO
> > > > > >
> > > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > >
> > >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

11747. Re: [TS-850_450_690] Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-28 12:30:15 UTC
From: Crownhaven
Topic: 11737 Message: 11747

That would be "not spend a bunch of money."

On 12/27/2012 11:14 PM, Crownhaven wrote:
>
> I like the hand mic personally. That is all I have ever used. I would
> spend a bunch of money on a new mic until I figured out what was going
> on. Good luck Kenneth.
>
> Steve, N4JQQ
>
> On 12/27/2012 7:14 PM, Kenneth wrote:
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>, Crownhaven <crownhaven@...>
> > wrote:
> > >
> >
> > Hi Steve. My contact, Tim WA5TGK, said that my audio sounded good. He
> > was a little surprised when I told him the mic gain was set so high. I
> > never monitored my own audio. I think I will do that next. I was
> > thinking about ordering another mic and trying it. Maybe a MC 60A.
> > Thanks for the reply. Thanks to all the group. Ken, WA5REO
> >
> > > What did your contact say about your audio, power? How did it sound in
> > > the monitor?
> > >
> > > Steve, N4JQQ
> > >
> > >
> > > On 12/26/2012 6:48 PM, Kenneth wrote:
> > > >
> > > >
> > > > Thanks to all who replied. Clif, I had the mic as you said, about 1
> > > > inch from my mouth and speeking a little loud. I normally use a desk
> > > > mic on my yaesu and I don't have to speak very loud at all. I
> did not
> > > > have the processor on. I will try it with reduced power and see what
> > > > happens. Also, I had the carrier control turned all the way counter
> > > > clockwise. Thanks to all. Ken
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>

> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > <mailto:TS-850_450_690%40yahoogroups.com>, "avvidclif" wrote:
> > > > >
> > > > > It depends on your voice and how far from the mic you were.
> The hand
> > > > mic is designed to be close-talked, less than an inch. If you were
> > that
> > > > close then something else is wrong.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> > <mailto:TS-850_450_690%40yahoogroups.com>
> > > > <mailto:TS-850_450_690%40yahoogroups.com>, "Kenneth" wa5reoken@
> wrote:
> > > > > >
> > > > > > Hi All. I just bought a TS 450S. I made my first contact
> with the
> > > > rig. Everything seemed to work well except for one thing. Using the
> > > > original stock hand mic and tuned up on 40 meters to a resonate
> > antenna
> > > > and a flat SWR, I had to turn the mic gain almost all the way up. My
> > > > contact was also using the stock hand mic on a 450S and he had his
> > gain
> > > > in the 9:00 o'clock position vs me having mine in the 3:00 o'clock
> > > > position. My voice peaks were just under the ALC. Is this normal for
> > > > this rig? Thanks. Ken, WA5REO
> > > > > > >
> > > > > > >
> > > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11748. TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-28 11:09:48 UTC
From: isabelle.fourias
Topic: 11748 Message: 11748

Hi all,

After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
It seems to me that a little less noisy when the trx warm up.
On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
With an other trx, I do not have this qrm.

Anyone could help me please ?

73s Mark,
Happy new year..

11749. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-30 11:48:49 UTC
From: isabelle.fourias
Topic: 11748 Message: 11749

In fact, it's also noisy below 21.5mhz. All bands are affected and the noise is amplified above 21.5.
Another thing, I lost sensitivity on the low bands.
I made a comparison with another TS450 and the difference is obvious.
For sure my trx has a big problem into the reception circuit.

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
> Hi all,
>
> After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> It seems to me that a little less noisy when the trx warm up.
> On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> With an other trx, I do not have this qrm.
>
> Anyone could help me please ?
>
> 73s Mark,
> Happy new year..
>

11750. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-30 19:15:29 UTC
From: avvidclif
Topic: 11748 Message: 11750

Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.

Do you have the service manual?

Clif

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
> Hi all,
>
> After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> It seems to me that a little less noisy when the trx warm up.
> On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> With an other trx, I do not have this qrm.
>
> Anyone could help me please ?
>
> 73s Mark,
> Happy new year..
>

11751. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-31 08:36:39 UTC
From: isabelle.fourias
Topic: 11748 Message: 11751

Many thanks for answer Clif.
Reset is done, (A/B + power ON or Clr + Enter + Power ON)
but I'm not lucky.
I still have this noise level without antenna grr.... ((:

yes, I have the manual service.

Mark

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
>
> Do you have the service manual?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> > Hi all,
> >
> > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > It seems to me that a little less noisy when the trx warm up.
> > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > With an other trx, I do not have this qrm.
> >
> > Anyone could help me please ?
> >
> > 73s Mark,
> > Happy new year..
> >
>

11752. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-31 08:50:13 UTC
From: avvidclif
Topic: 11748 Message: 11752

A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.

Clif

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
>
> Many thanks for answer Clif.
> Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> but I'm not lucky.
> I still have this noise level without antenna grr.... ((:
>
> yes, I have the manual service.
>
> Mark
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> >
> > Do you have the service manual?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > > Hi all,
> > >
> > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > It seems to me that a little less noisy when the trx warm up.
> > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > With an other trx, I do not have this qrm.
> > >
> > > Anyone could help me please ?
> > >
> > > 73s Mark,
> > > Happy new year..
> > >
> >

>

11753. Fw: Happy 2013

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-31 13:46:24 UTC
From: Paul Spiteri
Topic: 11753 Message: 11753

WISHING YOU AND ALL YOUR FAMILY A HAPPY NEW YEAR 2013 FULL OF
HEALTH , LOVE & HAPPINESS

PAUL *9H1SP* JULIE
ROBERTA & DANIELA

[Non-text portions of this message have been removed]

11754. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-31 11:58:22 UTC
From: isabelle.fourias
Topic: 11748 Message: 11754

Reset, A=B + power on, done

S-meter at S2 or S3

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > Many thanks for answer Clif.
> > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > but I'm not lucky.
> > I still have this noise level without antenna grr.... ((:
> >
> > yes, I have the manual service.
> >
> > Mark
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > >
> > > Do you have the service manual?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@...m, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > >
> > > > Hi all,
> > > >
> > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > It seems to me that a little less noisy when the trx warm up.
> > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > With an other trx, I do not have this qrm.
> > > >

> > > > Anyone could help me please ?
> > > >
> > > > 73s Mark,
> > > > Happy new year..
> > > >
> > >
> >
>

11755. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-31 10:24:51 UTC
From: isabelle.fourias
Topic: 11748 Message: 11755

A=B and power on done.

S-Meter is at S3

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > Many thanks for answer Clif.
> > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > but I'm not lucky.
> > I still have this noise level without antenna grr.... ((:
> >
> > yes, I have the manual service.
> >
> > Mark
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > >
> > > Do you have the service manual?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > >
> > > > Hi all,
> > > >
> > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > It seems to me that a little less noisy when the trx warm up.
> > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > With an other trx, I do not have this qrm.
> > > >

> > > > Anyone could help me please ?
> > > >
> > > > 73s Mark,
> > > > Happy new year..
> > > >
> > >
> >
>

11756. Re: [TS-850_450_690] Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2012-12-31 16:45:29 UTC
From: Jordan Arndt VE6ZT
Topic: 11748 Message: 11756

The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.

Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?

73...Jordan VE6ZT

----- Original Message -----
From: isabelle.fourias
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 31, 2012 4:58 AM
Subject: [TS-850_450_690] Re: TS450 & strong noise level

Reset, A=B + power on, done

S-meter at S2 or S3

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > Many thanks for answer Clif.
> > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > but I'm not lucky.
> > I still have this noise level without antenna grr.... ((:
> >
> > yes, I have the manual service.
> >
> > Mark
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > >

> > > Do you have the service manual?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > >
> > > > Hi all,
> > > >
> > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > It seems to me that a little less noisy when the trx warm up.
> > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > With an other trx, I do not have this qrm.
> > > >
> > > > Anyone could help me please ?
> > > >
> > > > 73s Mark,
> > > > Happy new year..
> > > >
> > >
> > >
> >

[Non-text portions of this message have been removed]

11757. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 14:01:05 UTC
From: isabelle.fourias
Topic: 11748 Message: 11757

Thanks to all for your help and advice.

I have changed the RF-UNIT & IF-UNIT, without any success.

Any idea ?

--- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@...> wrote:
>
> The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.
>
> Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?
>
> 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> From: isabelle.fourias
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, December 31, 2012 4:58 AM
> Subject: [TS-850_450_690] Re: TS450 & strong noise level
>
>
>
>
>
>
> Reset, A=B + power on, done
>
> S-meter at S2 or S3
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > >
> > > Many thanks for answer Clif.
> > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > but I'm not lucky.
> > > I still have this noise level without antenna grr.... ((:

> > >
> > > yes, I have the manual service.
> > >
> > > Mark
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > >
> > > > Do you have the service manual?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > >
> > > > > Hi all,
> > > > >
> > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > With an other trx, I do not have this qrm.
> > > > >
> > > > > Anyone could help me please ?
> > > > >
> > > > > 73s Mark,
> > > > > Happy new year..
> > > > >
> > > >
> > > >
> > >
> > >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

11758. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 19:25:46 UTC
From: avvidclif
Topic: 11748 Message: 11758

Unplug the Rx antenna input to the RF unit and see if it goes away?

Clif

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
>
> Thanks to all for your help and advice.
>
> I have changed the RF-UNIT & IF-UNIT, without any success.
>
> Any idea ?
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@> wrote:
> >
> > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.
> >
> > Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?
> >
> > 73...Jordan VE6ZT
> >
> >
> > ----- Original Message -----
> > From: isabelle.fourias
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, December 31, 2012 4:58 AM
> > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> >
> >
> >
> >
> >
> >
> > Reset, A=B + power on, done
> >
> > S-meter at S2 or S3
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >

> > > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > >
> > > >
> > > > Many thanks for answer Clif.
> > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > but I'm not lucky.
> > > > I still have this noise level without antenna grr.... ((:
> > > >
> > > > yes, I have the manual service.
> > > >
> > > > Mark
> > > >
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > >
> > > > > Do you have the service manual?
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > >
> > > > > > Hi all,
> > > > > >
> > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > With an other trx, I do not have this qrm.
> > > > > >
> > > > > > Anyone could help me please ?
> > > > > >
> > > > > > 73s Mark,
> > > > > > Happy new year..
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > >
> > >
> >

> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11759. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 19:44:50 UTC
From: wa5reoken
Topic: 11737 Message: 11759

Hi Frank. Yes, looks like we have the same problem. With the PROC.

on, I need to turn the mic gain down to the 10:00 0'clock position. I

tried another mic, and got the same results. Clif, do you or anyone

else have any ideas or suggestions?

KEN, WA5REO

--- In TS-850_450_690@yahoogroups.com, "kc2mbv" <kc2mbv@...> wrote:
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@> wrote:
> >
> > I had to turn the mic gain almost all the way up.
> >
>
> Is the PROC on?
>
> I find that my radio behaves exactly as you describe when I switch off the PROC, speak in a normal tone at roughly 4 inches from the stock mic. With PROC off I get no movement on the ALC meter and when I switch it on I get full scale deflection. (Or whatever you call FSD on a segmented LED meter. :)
>
> Frank.
>

11760. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 21:05:52 UTC
From: isabelle.fourias
Topic: 11748 Message: 11760

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Unplug the Rx antenna input to the RF unit and see if it goes away?
>
> Clif
>

Already tested but still have this hight noise level.

With a antenna connected, I got S5 S7 of noise on 28Mhz
A little bit less on 24mhz, about S5
Below 21.5, I got S2 S3

Tomorrow, I'll swap the PLL unit

Thanks again Cliff for the interest of my problem.

> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > Thanks to all for your help and advice.
> >
> > I have changed the RF-UNIT & IF-UNIT, without any success.
> >
> > Any idea ?
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@> wrote:
> > >
> > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.
> > >
> > > Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?
> > >
> > > 73...Jordan VE6ZT
> > >
> > >
> > > ----- Original Message -----
> > > From: isabelle.fourias
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Monday, December 31, 2012 4:58 AM

> > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > >
> > >
> > >
> > >
> > >
> > >
> > > Reset, A=B + power on, done
> > >
> > > S-meter at S2 or S3
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@>
wrote:
> > > > >
> > > > >
> > > > > Many thanks for answer Clif.
> > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > but I'm not lucky.
> > > > > I still have this noise level without antenna grr.... ((:
> > > > >
> > > > > yes, I have the manual service.
> > > > >
> > > > > Mark
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels
above and below 21.5 mHz. Both should be S zero.
> > > > > >
> > > > > > Do you have the service manual?
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@>
wrote:
> > > > > > >
> > > > > > > Hi all,
> > > > > > >
> > > > > > > After a long while, I turned on my trx and I got a lot of noise above
21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc

bargraph.
> > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > With an other trx, I do not have this qrm.
> > > > > > > >
> > > > > > > Anyone could help me please ?
> > > > > > > >
> > > > > > > 73s Mark,
> > > > > > > Happy new year..
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

11761. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 21:12:03 UTC
From: avvidclif
Topic: 11748 Message: 11761

You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Unplug the Rx antenna input to the RF unit and see if it goes away?
> >
> > Clif
> >
>
>
> Already tested but still have this hight noise level.
>
> With a antenna connected, I got S5 S7 of noise on 28Mhz
> A little bit less on 24mhz, about S5
> Below 21.5, I got S2 S3
>
> Tomorrow, I'll swap the PLL unit
>
> Thanks again Cliff for the interest of my problem.
>
>
>
>
>
>
> > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > >
> > > Thanks to all for your help and advice.
> > >
> > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > >
> > > Any idea ?
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@> wrote:
> > > >
> > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower

atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.
> > > >
> > > > Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?
> > > >
> > > > 73...Jordan VE6ZT
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: isabelle.fourias
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Reset, A=B + power on, done
> > > >
> > > > S-meter at S2 or S3
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > >
> > > > > >
> > > > > > Many thanks for answer Clif.
> > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > > but I'm not lucky.
> > > > > > I still have this noise level without antenna grr.... ((:
> > > > > >
> > > > > > yes, I have the manual service.
> > > > > >
> > > > > > Mark
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > >
> > > > > > > Do you have the service manual?

> > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias"
<isabelle.fourias@> wrote:
> > > > > > > > >
> > > > > > > > > Hi all,
> > > > > > > > > >
> > > > > > > > > After a long while, I turned on my trx and I got a lot of noise above
21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc
bargraph.
> > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of
alc.
> > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > > >
> > > > > > > > > Anyone could help me please ?
> > > > > > > > > >
> > > > > > > > > 73s Mark,
> > > > > > > > > Happy new year..
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > >

11762. 450 battery replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 22:13:58 UTC
From: lfnca
Topic: 11762 Message: 11762

Hello all.

Back on the group after a long absence.

I once upon a time had created a geocities webpage on replacing the back up battery in my 450SAT.

Geocities died and the page went with it but now I see it has been archived and is accessible at:

http://www.geocities.ws/lfnca/450bat/450sat_battery.htm

73
Larry VE8NX (formerly VE7LFN)

11763. Re: [TS-850_450_690] 450 battery replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-01 23:10:58 UTC
From: Dave Rust
Topic: 11762 Message: 11763

Larry, thanks for that step by step information with pictures. Very valuable. We appreciate it.
Dave W0DLR

[Non-text portions of this message have been removed]

11764. Re: [TS-850_450_690] Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 01:20:32 UTC
From: Frank Raffaele
Topic: 11737 Message: 11764

I do not think it is a "problem" per se. I've had the unit for 7 year
and as far as I know this is normal operation. However, I may be wrong.
I'll await further comments.

Frank.

On 1/1/2013 2:44 PM, wa5reoken wrote:
>
>
> Hi Frank. Yes, looks like we have the same problem. With the PROC. on,
> I need to turn the mic gain down to the 10:00 0'clock position. I
> tried another mic, and got the same results. Clif, do you or anyone
> else have any ideas or suggestions?
>
> KEN, WA5REO
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "kc2mbv" <kc2mbv@...> wrote:
> >
> > I find that my radio behaves exactly as you describe when I switch
> off the PROC, speak in a normal tone at roughly 4 inches from the
> stock mic. With PROC off I get no movement on the ALC meter and when I
> switch it on I get full scale deflection. (Or whatever you call FSD on
> a segmented LED meter.
>

[Non-text portions of this message have been removed]

11765. TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 03:20:18 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11765

Hi everybody, happy new year.

I am hoping to get a pointer or two with my TS-850S receiver problem.
Thank you in advance for any help that is offered.

I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
normal.
During receive, RXB is 7.8v, TXB= 0 volts.

IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
stuck low and caused the 0.5 to 1.6 MHz bandpass filter
to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
have a spare chip and didn't care about that band.
The radio worked fine for months.

Now this receiver has gone deaf again. The SO239 input filer/relay
board is ok, I bypassed it and injected 40 uV signal directly at
CN1 RAT at the RF board input, there's no difference in signal strength
when injecting at s0-239 or CN1.

I sequentially injected the signal (with large value DC blocking cap) at
CN1, then at L3 and L4 (they are easy to get to from the
top of the PCB). I hear the signal at both inductors. But when I move
the injection point to the BPF side of C8, the 0.1 uF sereis coupling
cap, I don't hear the signal anymore.

It seems like there is an AC short at this node but I can't find it. I
would assume that a leaky diode / DC short at this node would cause low
RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
check with a scope? I saw one post that mentioned a bad RXB that looked
like a sawtooth instead of stable level.

D3, D93 and D94 measure ok in circuit with power off using vom diode
checker. I see about 0.75 Volt drop across D3 with the rig on.

With the rig on, At the cathode of D3 I measure 7.1V, this seams a
little high, the service manual page notation shows RX: 6.7v for this
node, the notation is just below the note "D93, D94 VOL. LIMITER on page
121 of the servic manual (RF board)

For the BPF filter switch diode bias circuit, I think it's ok, R5
measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
this choke for the high resistance.)

With the radio off, and the RF board out of the chassis, the cathode of
D93 to ground measures about 390 ohms, I am assuming
this OK, looking back through the bias circuit of L5 and R5.

I would greatly appreciate any help

73
Lee
N1BA

11766. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 04:20:47 UTC
From: avvidclif
Topic: 11765 Message: 11766

Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.

Clif

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@...> wrote:
>
> Hi everybody, happy new year.
>
> I am hoping to get a pointer or two with my TS-850S receiver problem.
> Thank you in advance for any help that is offered.
>
> I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> normal.
> During receive, RXB is 7.8v, TXB= 0 volts.
>
> IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> have a spare chip and didn't care about that band.
> The radio worked fine for months.
>
> Now this receiver has gone deaf again. The SO239 input filer/relay
> board is ok, I bypassed it and injected 40 uV signal directly at
> CN1 RAT at the RF board input, there's no difference in signal strength
> when injecting at s0-239 or CN1.
>
> I sequentially injected the signal (with large value DC blocking cap) at
> CN1, then at L3 and L4 (they are easy to get to from the
> top of the PCB). I hear the signal at both inductors. But when I move
> the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> cap, I don't hear the signal anymore.
>
> It seems like there is an AC short at this node but I can't find it. I
> would assume that a leaky diode / DC short at this node would cause low
> RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> check with a scope? I saw one post that mentioned a bad RXB that looked
> like a sawtooth instead of stable level.
>
> D3, D93 and D94 measure ok in circuit with power off using vom diode
> checker. I see about 0.75 Volt drop across D3 with the rig on.
>
> With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> little high, the service manual page notation shows RX: 6.7v for this
> node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> 121 of the servic manual (RF board)

>
> For the BPF filter switch diode bias circuit, I think it's ok, R5
> measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> this choke for the high resistance.)
>
> With the radio off, and the RF board out of the chassis, the cathode of
> D93 to ground measures about 390 ohms, I am assuming
> this OK, looking back through the bias circuit of L5 and R5.
>
> I would greatly appreciate any help
>
> 73
> Lee
> N1BA
>

11767. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 08:57:11 UTC
From: isabelle.fourias
Topic: 11748 Message: 11767

Ok Cliff, I did understand.
I had changed the complete block (new RF Unit + new frame) => new connection into the RF Unit

Incredible problem. I changed all parts and I can not find why I still have that noise.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Unplug the Rx antenna input to the RF unit and see if it goes away?
> > >
> > > Clif
> > >
> >
> >
> > Already tested but still have this hight noise level.
> >
> > With a antenna connected, I got S5 S7 of noise on 28Mhz
> > A little bit less on 24mhz, about S5
> > Below 21.5, I got S2 S3
> >
> > Tomorrow, I'll swap the PLL unit
> >
> > Thanks again Cliff for the interest of my problem.
> >
> >
> >
> >
> >
> > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > >
> > > >
> > > > Thanks to all for your help and advice.
> > > >
> > > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > > >
> > > > Any idea ?

> > > >
> > > >
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@> wrote:
> > > > >
> > > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.
> > > > >
> > > > > Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?
> > > > >
> > > > > 73...Jordan VE6ZT
> > > > >
> > > > >
> > > > > ----- Original Message -----
> > > > > From: isabelle.fourias
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > Reset, A=B + power on, done
> > > > >
> > > > > S-meter at S2 or S3
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > >
> > > > > > >
> > > > > > > Many thanks for answer Clif.
> > > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > > > but I'm not lucky.
> > > > > > > I still have this noise level without antenna grr.... ((:
> > > > > > >
> > > > > > > yes, I have the manual service.
> > > > > > >
> > > > > > > Mark

> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > > >
> > > > > > > > Do you have the service manual?
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > > >
> > > > > > > > > Hi all,
> > > > > > > > >
> > > > > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > >
> > > > > > > > > Anyone could help me please ?
> > > > > > > > >
> > > > > > > > > 73s Mark,
> > > > > > > > > Happy new year..
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > >
> > >
>

11768. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 16:04:13 UTC
From: avvidclif
Topic: 11748 Message: 11768

You still don't understand. You have changed the RF Unit and IF Unit and still have the noise. If you remove the antenna connector on the RF Unit as I asked you would find out if the noise is coming from there to the SO-239 antenna connector or it is further into the radio.

Clif

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
>
> Ok Cliff, I did understand.
> I had changed the complete block (new RF Unit + new frame) => new connection into the RF Unit
>
> Incredible problem. I changed all parts and I can not find why I still have that noise.
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.
> >
> > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > Unplug the Rx antenna input to the RF unit and see if it goes away?
> > > >
> > > > Clif
> > > >
> > >
> > >
> > > Already tested but still have this hight noise level.
> > >
> > > With a antenna connected, I got S5 S7 of noise on 28Mhz
> > > A little bit less on 24mhz, about S5
> > > Below 21.5, I got S2 S3
> > >
> > > Tomorrow, I'll swap the PLL unit
> > >
> > > Thanks again Cliff for the interest of my problem.
> > >
> > >

> > >
> > >
> > >
> > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@>
wrote:
> > > > >
> > > > >
> > > > > Thanks to all for your help and advice.
> > > > >
> > > > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > > > >
> > > > > Any idea ?
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@> wrote:
> > > > > >
> > > > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp
circuit, with somewhat more gain that the lower ranges in order to take advantage of the
lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz
with no antenna connected.
> > > > > >
> > > > > > Perhaps this is what you are seeing with the higher S-meter indication of the
noise floor...?
> > > > > >
> > > > > > 73...Jordan VE6ZT
> > > > > >
> > > > > >
> > > > > > ----- Original Message -----
> > > > > > From: isabelle.fourias
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > Reset, A=B + power on, done
> > > > > >
> > > > > > S-meter at S2 or S3
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of
noise.
> > > > > > >
> > > > > > Clif
> > > > > > >

> > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias"
<isabelle.fourias@> wrote:
> > > > > > > >
> > > > > > > >
> > > > > > > > Many thanks for answer Clif.
> > > > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > > > > but I'm not lucky.
> > > > > > > > I still have this noise level without antenna grr.... ((:
> > > > > > > >
> > > > > > > > yes, I have the manual service.
> > > > > > > >
> > > > > > > > Mark
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > > > >
> > > > > > > > > Do you have the service manual?
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias"
<isabelle.fourias@> wrote:
> > > > > > > > > >
> > > > > > > > > > Hi all,
> > > > > > > > > >
> > > > > > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > > >
> > > > > > > > > > Anyone could help me please ?
> > > > > > > > > >
> > > > > > > > > > 73s Mark,
> > > > > > > > > > Happy new year..
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >

> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > >
> > > >
> >
>

11769. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 16:07:59 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11769

Hi Clif

Thank you for the very fast reply!

At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.

I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.

It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.

73
Lee

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@> wrote:
> >
> > Hi everybody, happy new year.
> >
> > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > Thank you in advance for any help that is offered.
> >
> > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > normal.
> > During receive, RXB is 7.8v, TXB= 0 volts.
> >
> > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > have a spare chip and didn't care about that band.
> > The radio worked fine for months.
> >
> > Now this receiver has gone deaf again. The SO239 input filer/relay
> > board is ok, I bypassed it and injected 40 uV signal directly at

> > CN1 RAT at the RF board input, there's no difference in signal strength
> > when injecting at s0-239 or CN1.
> >
> > I sequentially injected the signal (with large value DC blocking cap) at
> > CN1, then at L3 and L4 (they are easy to get to from the
> > top of the PCB). I hear the signal at both inductors. But when I move
> > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > cap, I don't hear the signal anymore.
> >
> > It seems like there is an AC short at this node but I can't find it. I
> > would assume that a leaky diode / DC short at this node would cause low
> > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > check with a scope? I saw one post that mentioned a bad RXB that looked
> > like a sawtooth instead of stable level.
> >
> > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > checker. I see about 0.75 Volt drop across D3 with the rig on.
> >
> > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > little high, the service manual page notation shows RX: 6.7v for this
> > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > 121 of the servic manual (RF board)
> >
> > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > this choke for the high resistance.)
> >
> > With the radio off, and the RF board out of the chassis, the cathode of
> > D93 to ground measures about 390 ohms, I am assuming
> > this OK, looking back through the bias circuit of L5 and R5.
> >
> > I would greatly appreciate any help
> >
> > 73
> > Lee
> > N1BA
> >
>

11770. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 16:24:49 UTC
From: avvidclif
Topic: 11765 Message: 11770

Unplug 3 connectors and the board will flip over and the radio powered up..

Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.

Cli

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@...> wrote:
>
> Hi Clif
>
> Thank you for the very fast reply!
>
> At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
>
> I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
>
> It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
>
> 73
> Lee
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@> wrote:
> > >
> > > Hi everybody, happy new year.
> > >
> > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > Thank you in advance for any help that is offered.
> > >
> > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > normal.
> > > During receive, RXB is 7.8v, TXB= 0 volts.
> > >

> > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > have a spare chip and didn't care about that band.
> > > The radio worked fine for months.
> > >
> > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > when injecting at s0-239 or CN1.
> > >
> > > I sequentially injected the signal (with large value DC blocking cap) at
> > > CN1, then at L3 and L4 (they are easy to get to from the
> > > top of the PCB). I hear the signal at both inductors. But when I move
> > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > cap, I don't hear the signal anymore.
> > >
> > > It seems like there is an AC short at this node but I can't find it. I
> > > would assume that a leaky diode / DC short at this node would cause low
> > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > like a sawtooth instead of stable level.
> > >
> > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > >
> > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > little high, the service manual page notation shows RX: 6.7v for this
> > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > 121 of the servic manual (RF board)
> > >
> > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > this choke for the high resistance.)
> > >
> > > With the radio off, and the RF board out of the chassis, the cathode of
> > > D93 to ground measures about 390 ohms, I am assuming
> > > this OK, looking back through the bias circuit of L5 and R5.
> > >
> > > I would greatly appreciate any help
> > >
> > > 73
> > > Lee
> > > N1BA
> > >
> >
>

11771. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 16:29:45 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11771

Ok will do. Thanks Clif.

Lee

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Unplug 3 connectors and the board will flip over and the radio powered up..
>
> Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
>
> Cli
>
> --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@> wrote:
> >
> > Hi Clif
> >
> > Thank you for the very fast reply!
> >
> > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> >
> > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> >
> > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> >
> > 73
> > Lee
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@> wrote:
> > > >
> > > > Hi everybody, happy new year.

> > > >
> > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > Thank you in advance for any help that is offered.
> > > >
> > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > normal.
> > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > >
> > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > have a spare chip and didn't care about that band.
> > > > The radio worked fine for months.
> > > >
> > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > when injecting at s0-239 or CN1.
> > > >
> > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > cap, I don't hear the signal anymore.
> > > >
> > > > It seems like there is an AC short at this node but I can't find it. I
> > > > would assume that a leaky diode / DC short at this node would cause low
> > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > like a sawtooth instead of stable level.
> > > >
> > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > >
> > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > 121 of the servic manual (RF board)
> > > >
> > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > this choke for the high resistance.)
> > > >
> > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > D93 to ground measures about 390 ohms, I am assuming
> > > > this OK, looking back through the bias circuit of L5 and R5.
> > > >
> > > > I would greatly appreciate any help
> > > >
> > > > 73

> > > > Lee
> > > > N1BA
> > > >
> > >
> >
>

11772. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 17:15:12 UTC
From: isabelle.fourias
Topic: 11748 Message: 11772

Hey Clif, are you there ?

After severals checking, I found the faulty unit: For sure, That's the IF-Unit.
I was confused with the S-Meter & ALC meter.

With a good IF-Unit and antenna not connected, I got S1 and 3 or 4 bars on the alc-meter
When the antenna is connected, I got S1-S2 and little amount on the alc. All seem to be ok for me, no more noise

With the bad IF-Unit and antenna unpluged, I got S3 and a big amount of alc.
In this case, when I plug the antenna, I got S5-S7 of noise and strong alc.

What I have to do on my bad IF-Unit ?

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You still don't understand. You have changed the RF Unit and IF Unit and still have the noise. If you remove the antenna connector on the RF Unit as I asked you would find out if the noise is coming from there to the SO-239 antenna connector or it is further into the radio.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > Ok Cliff, I did understand.
> > I had changed the complete block (new RF Unit + new frame) => new connection into the RF Unit
> >
> > Incredible problem. I changed all parts and I can not find why I still have that noise.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > Unplug the Rx antenna input to the RF unit and see if it goes away?
> > > > >

> > > > > Clif
> > > > >
> > > >
> > > >
> > > > Already tested but still have this hight noise level.
> > > >
> > > > With a antenna connected, I got S5 S7 of noise on 28Mhz
> > > > A little bit less on 24mhz, about S5
> > > > Below 21.5, I got S2 S3
> > > >
> > > > Tomorrow, I'll swap the PLL unit
> > > >
> > > > Thanks again Cliff for the interest of my problem.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@>
wrote:
> > > > > >
> > > > > > >
> > > > > > > Thanks to all for your help and advice.
> > > > > > >
> > > > > > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > > > > > >
> > > > > > > Any idea ?
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@>
wrote:
> > > > > > > >
> > > > > > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp
circuit, with somewhat more gain that the lower ranges in order to take advantage of the
lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz
with no antenna connected.
> > > > > > > >
> > > > > > > > Perhaps this is what you are seeing with the higher S-meter indication of the
noise floor...?
> > > > > > > >
> > > > > > > > 73...Jordan VE6ZT
> > > > > > > >
> > > > > > > >
> > > > > > > > > ----- Original Message -----
> > > > > > > > > From: isabelle.fourias
> > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > > > > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level

> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > Reset, A=B + power on, done
> > > > > > >
> > > > > > > S-meter at S2 or S3
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > >
> > > > > > >
> > > > > > > Many thanks for answer Clif.
> > > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > > > but I'm not lucky.
> > > > > > > I still have this noise level without antenna grr.... ((:
> > > > > > >
> > > > > > > yes, I have the manual service.
> > > > > > >
> > > > > > > Mark
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > >
> > > > > > > Do you have the service manual?
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > >
> > > > > > > Hi all,
> > > > > > >
> > > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the

alc bargraph.
> > > > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > > > >
> > > > > > > > > > > Anyone could help me please ?
> > > > > > > > > > >
> > > > > > > > > > > 73s Mark,
> > > > > > > > > > > Happy new year..
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >

11773. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 18:41:33 UTC
From: avvidclif
Topic: 11748 Message: 11773

The ALC meter only operates in transmit mode. The S-meter only operates in receive mode.

Which mode are you in rx or tx?

Clif

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
>
> Hey Clif, are you there ?
>
> After severals checking, I found the faulty unit: For sure, That's the IF-Unit.
> I was confused with the S-Meter & ALC meter.
>
> With a good IF-Unit and antenna not connected, I got S1 and 3 or 4 bars on the alc-meter
> When the antenna is connected, I got S1-S2 and little amount on the alc. All seem to be ok for me, no more noise
>
> With the bad IF-Unit and antenna unpluged, I got S3 and a big amount of alc.
> In this case, when I plug the antenna, I got S5-S7 of noise and strong alc.
>
> What I have to do on my bad IF-Unit ?
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You still don't understand. You have changed the RF Unit and IF Unit and still have the noise. If you remove the antenna connector on the RF Unit as I asked you would find out if the noise is coming from there to the SO-239 antenna connector or it is further into the radio.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > >
> > > Ok Cliff, I did understand.
> > > I had changed the complete block (new RF Unit + new frame) => new connection into the RF Unit
> > >
> > > Incredible problem. I changed all parts and I can not find why I still have that noise.

> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > Unplug the Rx antenna input to the RF unit and see if it goes away?
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > Already tested but still have this hight noise level.
> > > > > > >
> > > > > > > With a antenna connected, I got S5 S7 of noise on 28Mhz
> > > > > > > A little bit less on 24mhz, about S5
> > > > > > > Below 21.5, I got S2 S3
> > > > > > >
> > > > > > > Tomorrow, I'll swap the PLL unit
> > > > > > >
> > > > > > > Thanks again Cliff for the interest of my problem.
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > Thanks to all for your help and advice.
> > > > > > > > > >
> > > > > > > > > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > > > > > > > > >
> > > > > > > > > > Any idea ?
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@> wrote:
> > > > > > > > > > > > >

> > > > > > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp circuit, with somewhat more gain that the lower ranges in order to take advantage of the lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz with no antenna connected.
> > > > > > > >
> > > > > > > > Perhaps this is what you are seeing with the higher S-meter indication of the noise floor...?
> > > > > > > >
> > > > > > > > 73...Jordan VE6ZT
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > ----- Original Message -----
> > > > > > > > > From: isabelle.fourias
> > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > > > > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > Reset, A=B + power on, done
> > > > > > > > >
> > > > > > > > > S-meter at S2 or S3
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of noise.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > Many thanks for answer Clif.
> > > > > > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > > > > > > but I'm not lucky.
> > > > > > > > > > I still have this noise level without antenna grr.... ((:
> > > > > > > > > >
> > > > > > > > > > yes, I have the manual service.
> > > > > > > > > >
> > > > > > > > > > Mark
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > >

> > > > > > > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > > > > > > >
> > > > > > > > > > > > Do you have the service manual?
> > > > > > > > > > > >
> > > > > > > > > > > > Clif
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > Hi all,
> > > > > > > > > > > > >
> > > > > > > > > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > > > > > >
> > > > > > > > > > > > > Anyone could help me please ?
> > > > > > > > > > > > >
> > > > > > > > > > > > > 73s Mark,
> > > > > > > > > > > > > Happy new year..
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > >
> > >
> >
>

11774. Re: [TS-850_450_690] Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 19:03:17 UTC
From: Jordan Arndt VE6ZT
Topic: 11748 Message: 11774

I believe is is referring to the VU type readings of the bottom scale for audio on RX.... Personally I think that the IF/RF gain is simply set too high which is increasing the noise floor.

73...Jordan VE6ZT

----- Original Message -----
From: avvidclif
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 02, 2013 11:41 AM
Subject: [TS-850_450_690] Re: TS450 & strong noise level

The ALC meter only operates in transmit mode. The S-meter only operates in receive mode.

Which mode are you in rx or tx?

Clif

--- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
>
> Hey Clif, are you there ?
>
> After severals checking, I found the faulty unit: For sure, That's the IF-Unit.
> I was confused with the S-Meter & ALC meter.
>
> With a good IF-Unit and antenna not connected, I got S1 and 3 or 4 bars on the alc-meter
> When the antenna is connected, I got S1-S2 and little amount on the alc. All seem to be ok for me, no more noise
>
> With the bad IF-Unit and antenna unpluged, I got S3 and a big amount of alc.
> In this case, when I plug the antenna, I got S5-S7 of noise and strong alc.
>
> What I have to do on my bad IF-Unit ?
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You still don't understand. You have changed the RF Unit and IF Unit and still have the noise. If you remove the antenna connector on the RF Unit as I asked you would find out if the noise is coming from there to the SO-239 antenna connector or it is further into the radio.

> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > >
> > > Ok Cliff, I did understand.
> > > I had changed the complete block (new RF Unit + new frame) => new connection into the RF Unit
> > >
> > > Incredible problem. I changed all parts and I can not find why I still have that noise.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > >
> > > > > > Unplug the Rx antenna input to the RF unit and see if it goes away?
> > > > > >
> > > > > > Clif
> > > > > >
> > > > >
> > > > >
> > > > > Already tested but still have this hight noise level.
> > > > >
> > > > > With a antenna connected, I got S5 S7 of noise on 28Mhz
> > > > > A little bit less on 24mhz, about S5
> > > > > Below 21.5, I got S2 S3
> > > > >
> > > > > Tomorrow, I'll swap the PLL unit
> > > > >
> > > > > Thanks again Cliff for the interest of my problem.
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > >
> > > > > >

> > > > > > > Thanks to all for your help and advice.
> > > > > > > >
> > > > > > > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > > > > > > >
> > > > > > > > Any idea ?
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@>
wrote:
> > > > > > > >
> > > > > > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF amp
circuit, with somewhat more gain that the lower ranges in order to take advantage of the
lower atmospheric noise expected. My 450s has a higher apparent noise floor above 21.5Mhz
with no antenna connected.
> > > > > > > >
> > > > > > > > Perhaps this is what you are seeing with the higher S-meter indication of
the noise floor...?
> > > > > > > >
> > > > > > > > 73...Jordan VE6ZT
> > > > > > > >
> > > > > > > >
> > > > > > > > ----- Original Message -----
> > > > > > > > From: isabelle.fourias
> > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > > > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > Reset, A=B + power on, done
> > > > > > > >
> > > > > > > > S-meter at S2 or S3
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > >
> > > > > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings of
noise.
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias"
<isabelle.fourias@> wrote:
> > > > > > > >
> > > > > > > >
> > > > > > > > Many thanks for answer Clif.
> > > > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)

> > > > > > > > > > but I'm not lucky.
> > > > > > > > > > I still have this noise level without antenna grr.... ((:
> > > > > > > > > >
> > > > > > > > > > yes, I have the manual service.
> > > > > > > > > >
> > > > > > > > > > Mark
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > >
> > > > > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > > > > >
> > > > > > > > > > Do you have the service manual?
> > > > > > > > > >
> > > > > > > > > > Clif
> > > > > > > > > >
> > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > > > >
> > > > > > > > > > Hi all,
> > > > > > > > > >
> > > > > > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > > >
> > > > > > > > > > Anyone could help me please ?
> > > > > > > > > >
> > > > > > > > > > 73s Mark,
> > > > > > > > > > Happy new year..
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >

> > > > >
> > > >
> > >
> >
>

[Non-text portions of this message have been removed]

11775. Re: TS450 & strong noise level

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-02 18:59:03 UTC
From: isabelle.fourias
Topic: 11748 Message: 11775

My problem is in RX

TX is ok

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The ALC meter only operates in transmit mode. The S-meter only operates in receive mode.
>
> Which mode are you in rx or tx?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> >
> > Hey Clif, are you there ?
> >
> > After severals checking, I found the faulty unit: For sure, That's the IF-Unit.
> > I was confused with the S-Meter & ALC meter.
> >
> > With a good IF-Unit and antenna not connected, I got S1 and 3 or 4 bars on the
alc-meter
> > When the antenna is connected, I got S1-S2 and little amount on the alc. All seem to be
ok for me, no more noise
> >
> > With the bad IF-Unit and antenna unpluged, I got S3 and a big amount of alc.
> > In this case, when I plug the antenna, I got S5-S7 of noise and strong alc.
> >
> > What I have to do on my bad IF-Unit ?
> >
> >
> >
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > You still don't understand. You have changed the RF Unit and IF Unit and still have
the noise. If you remove the antenna connector on the RF Unit as I asked you would find out
if the noise is coming from there to the SO-239 antenna connector or it is further into the
radio.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:

> > > >
> > > >
> > > > Ok Cliff, I did understand.
> > > > I had changed the complete block (new RF Unit + new frame) => new connection into the RF Unit
> > > >
> > > > Incredible problem. I changed all parts and I can not find why I still have that noise.
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > >
> > > > > You didn't understand. I'm not talking about the antenna connection on the back of the radio. I referring to the connection on the RF Unit where the RX antenna comes into the RF Unit.
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > >
> > > > > > > Unplug the Rx antenna input to the RF unit and see if it goes away?
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > Already tested but still have this hight noise level.
> > > > > > >
> > > > > > > With a antenna connected, I got S5 S7 of noise on 28Mhz
> > > > > > > A little bit less on 24mhz, about S5
> > > > > > > Below 21.5, I got S2 S3
> > > > > > >
> > > > > > > Tomorrow, I'll swap the PLL unit
> > > > > > >
> > > > > > > Thanks again Cliff for the interest of my problem.
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > >
> > > > > > > >
> > > > > > > > Thanks to all for your help and advice.
> > > > > > > >
> > > > > > > > I have changed the RF-UNIT & IF-UNIT, without any success.
> > > > > > > >

> > > > > > > > Any idea ?
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "Jordan Arndt VE6ZT" <Outposter30@>
wrote:
> > > > > > > > >
> > > > > > > > > The TS-450s coverage segment above 21.5 Mhz has it's own pre-amp or RF
amp circuit, with somewhat more gain that the lower ranges in order to take advantage of
the lower atmospheric noise expected. My 450s has a higher apparent noise floor above
21.5Mhz with no antenna connected.
> > > > > > > > >
> > > > > > > > > Perhaps this is what you are seeing with the higher S-meter indication of
the noise floor...?
> > > > > > > > >
> > > > > > > > > 73...Jordan VE6ZT
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > ----- Original Message -----
> > > > > > > > > From: isabelle.fourias
> > > > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > > > Sent: Monday, December 31, 2012 4:58 AM
> > > > > > > > > Subject: [TS-850_450_690] Re: TS450 & strong noise level
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > Reset, A=B + power on, done
> > > > > > > > >
> > > > > > > > > S-meter at S2 or S3
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > >
> > > > > > > > > A reset is A=B and power on. Try that and tell me the S-Meter readings
of noise.
> > > > > > > > >
> > > > > > > > > Clif
> > > > > > > > >
> > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias"
<isabelle.fourias@> wrote:
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > Many thanks for answer Clif.
> > > > > > > > > Reset is done, (A/B + power ON or Clr + Enter + Power ON)
> > > > > > > > > but I'm not lucky.
> > > > > > > > > I still have this noise level without antenna grr.... ((:
> > > > > > > > >
> > > > > > > > > yes, I have the manual service.

> > > > > > > > > > >
> > > > > > > > > > > > Mark
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > > > > > > > > > >
> > > > > > > > > > > > > Do reset of the radio. Then with no antenna hooked up compare the noise levels above and below 21.5 mHz. Both should be S zero.
> > > > > > > > > > > >
> > > > > > > > > > > > > Do you have the service manual?
> > > > > > > > > > > >
> > > > > > > > > > > > > Clif
> > > > > > > > > > > >
> > > > > > > > > > > > > --- In TS-850_450_690@yahoogroups.com, "isabelle.fourias" <isabelle.fourias@> wrote:
> > > > > > > > > > > > >
> > > > > > > > > > > > > > Hi all,
> > > > > > > > > > > > >
> > > > > > > > > > > > > > After a long while, I turned on my trx and I got a lot of noise above 21.5mhz. When it cold I have S7 with the 6k filter and about S5 with 2.4k.
> > > > > > > > > > > > > > It seems to me that a little less noisy when the trx warm up.
> > > > > > > > > > > > > > On a dumy load, under 21mhz, no noise, no signal (S0), nothing on the alc bargraph.
> > > > > > > > > > > > > > On the other side (above 21), I got S3 on the s-meter and a small amout of alc.
> > > > > > > > > > > > > > With an other trx, I do not have this qrm.
> > > > > > > > > > > > >
> > > > > > > > > > > > > > Anyone could help me please ?
> > > > > > > > > > > > >
> > > > > > > > > > > > > > 73s Mark,
> > > > > > > > > > > > > > Happy new year..
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > > [Non-text portions of this message have been removed]
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > > >
> > > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >

> >
>

11776. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 00:29:13 UTC
From: wa5reoken
Topic: 11737 Message: 11776

I apologize Frank. "Problem" was a bad choice of words. I should have

said that my rig operates the same as yours with the PROC on. I really

don't know what is normal or if there is something wrong with it.

I'll wait for more feedback from the group.

Thanks for your reply. KEN

--- In TS-850_450_690@yahoogroups.com, Frank Raffaele <kc2mbv@...> wrote:
>
> I do not think it is a "problem" per se. I've had the unit for 7 year
> and as far as I know this is normal operation. However, I may be wrong.
> I'll await further comments.
>
> Frank.
>
>
>
> On 1/1/2013 2:44 PM, wa5reoken wrote:
> >
> >
> > Hi Frank. Yes, looks like we have the same problem. With the PROC. on,
> > I need to turn the mic gain down to the 10:00 0'clock position. I
> > tried another mic, and got the same results. Clif, do you or anyone
> > else have any ideas or suggestions?
> >
> > KEN, WA5REO
> >
> > --- In TS-850_450_690@yahoogroups.com
> > <mailto:TS-850_450_690%40yahoogroups.com>, "kc2mbv" <kc2mbv@> wrote:
> > >
> > > I find that my radio behaves exactly as you describe when I switch
> > off the PROC, speak in a normal tone at roughly 4 inches from the
> > stock mic. With PROC off I get no movement on the ALC meter and when I
> > switch it on I get full scale deflection. (Or whatever you call FSD on
> > a segmented LED meter.
> >
>
>
>
> [Non-text portions of this message have been removed]
>

11777. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 01:13:13 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11777

I removed Q49, receive is still bad.

I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.

Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.

Lee
--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Unplug 3 connectors and the board will flip over and the radio powered up..
>
> Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
>
> Cli
>
> --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@> wrote:
> >
> > Hi Clif
> >
> > Thank you for the very fast reply!
> >
> > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> >
> > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> >
> > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> >
> > 73
> > Lee
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > >
> > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" <leehillsilent@> wrote:
> > > >
> > > > Hi everybody, happy new year.
> > > >
> > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > Thank you in advance for any help that is offered.
> > > >
> > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > normal.
> > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > >
> > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > have a spare chip and didn't care about that band.
> > > > The radio worked fine for months.
> > > >
> > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > when injecting at s0-239 or CN1.
> > > >
> > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > cap, I don't hear the signal anymore.
> > > >
> > > > It seems like there is an AC short at this node but I can't find it. I
> > > > would assume that a leaky diode / DC short at this node would cause low
> > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > like a sawtooth instead of stable level.
> > > >
> > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > >
> > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > 121 of the servic manual (RF board)
> > > >
> > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in

> > > > this choke for the high resistance.)
> > > >
> > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > D93 to ground measures about 390 ohms, I am assuming
> > > > this OK, looking back through the bias circuit of L5 and R5.
> > > >
> > > > I would greatly appreciate any help
> > > >
> > > > 73
> > > > Lee
> > > > N1BA
> > > >
> > >
> >
>

11778. getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 01:22:50 UTC
From: Tom Bilello
Topic: 11778 Message: 11778

I have been trying to get into the extended functions on my TS-850. Every website I have found says to do the following:

Pressing SCAN + TX-M.CH will set the radio into its extended function mode

I have tried every combination of pressing the scan and the tx button, the scan and the M.CH button and pressing all three together and all the radio does is start to scan. Obviously, I am not doing something right or all the websites are yanking my chain. I think it is me. Can anyone offer a suggestion on how to really do this? Thank you for any help on this.

Tom ☐Wolfie☐ Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

[Non-text portions of this message have been removed]

11779. Re: [TS-850_450_690] getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 04:36:30 UTC
From: Alan Riley
Topic: 11778 Message: 11779

Tom, with power off, press SCAN and TX-M.CH buttons both down.
While holding them both down, turn the power switch back on.
Press CLR to exit and return to normal operation.

Alan, KD5R

From: Tom Bilello
Sent: Wednesday, January 02, 2013 7:22 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] getting into the extended functions on the TS-850

I have been trying to get into the extended functions on my TS-850. Every website I have found says to do the following:

Pressing SCAN + TX-M.CH will set the radio into its extended function mode

I have tried every combination of pressing the scan and the tx button, the scan and the M.CH button and pressing all three together and all the radio does is start to scan. Obviously, I am not doing something right or all the websites are yanking my chain. I think it is me. Can anyone offer a suggestion on how to really do this? Thank you for any help on this.

Tom ☐Wolfie☐ Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11780. Re: [TS-850_450_690] getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 11:37:39 UTC
From: ik8vze
Topic: 11778 Message: 11780

73 de ik8vze espedito
----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 03, 2013 5:36 AM
Subject: Re: [TS-850_450_690] getting into the extended functions on the TS-850

Tom, with power off, press SCAN and TX-M.CH buttons both down.
While holding them both down, turn the power switch back on.
Press CLR to exit and return to normal operation.

Alan, KD5R

From: Tom Bilello
Sent: Wednesday, January 02, 2013 7:22 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] getting into the extended functions on the TS-850

I have been trying to get into the extended functions on my TS-850. Every
website I have found says to do the following:

Pressing SCAN + TX-M.CH will set the radio into its extended function mode

I have tried every combination of pressing the scan and the tx button, the
scan and the M.CH button and pressing all three together and all the radio
does is start to scan. Obviously, I am not doing something right or all the
websites are yanking my chain. I think it is me. Can anyone offer a
suggestion on how to really do this? Thank you for any help on this.

Tom ☐Wolfie☐ Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11781. Re: [TS-850_450_690] getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 11:40:05 UTC
From: ik8vze
Topic: 11778 Message: 11781

----- Original Message -----
From: Alan Riley
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 03, 2013 5:36 AM
Subject: Re: [TS-850_450_690] getting into the extended functions on the TS-850

Tom, with power off, press SCAN and TX-M.CH buttons both down.
While holding them both down, turn the power switch back on.
Press CLR to exit and return to normal operation.

Alan, KD5R

From: Tom Bilello
Sent: Wednesday, January 02, 2013 7:22 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] getting into the extended functions on the TS-850

I have been trying to get into the extended functions on my TS-850. Every
website I have found says to do the following:

Pressing SCAN + TX-M.CH will set the radio into its extended function mode

I have tried every combination of pressing the scan and the tx button, the
scan and the M.CH button and pressing all three together and all the radio
does is start to scan. Obviously, I am not doing something right or all the
websites are yanking my chain. I think it is me. Can anyone offer a
suggestion on how to really do this? Thank you for any help on this.

Tom ☐Wolfie☐ Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11782. RE: [TS-850_450_690] getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-03 16:39:13 UTC
From: Tom Bilello
Topic: 11778 Message: 11782

Alan, thanks a lot. I appreciate the help.

Tom “Wolfie” Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Alan Riley
Sent: Wednesday, January 02, 2013 23:36
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] getting into the extended functions on the TS-850

Tom, with power off, press SCAN and TX-M.CH buttons both down.
While holding them both down, turn the power switch back on.
Press CLR to exit and return to normal operation.

Alan, KD5R

From: Tom Bilello
Sent: Wednesday, January 02, 2013 7:22 PM
To: TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com>
Subject: [TS-850_450_690] getting into the extended functions on the TS-850

I have been trying to get into the extended functions on my TS-850. Every website I have found says to do the following:

Pressing SCAN + TX-M.CH will set the radio into its extended function mode

I have tried every combination of pressing the scan and the tx button, the scan and the M.CH button and pressing all three together and all the radio does is start to scan. Obviously, I am not doing something right or all the websites are yanking my chain. I think it is me. Can anyone offer a suggestion on how to really do this? Thank you for any help on this.

Tom “Wolfie” Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11783. Re: getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 14:27:42 UTC
From: k4zot
Topic: 11778 Message: 11783

But, what does the extended functions do?

Glenn - K4ZOT

--- In TS-850_450_690@yahoogroups.com, "Tom Bilello" wrote:
>
> Alan, thanks a lot. I appreciate the help.
>
>
>
> Tom â□□Wolfieâ□□ Bilello, NWÃ□LF
>
> VE Liaison, DBARA
>
> Cell-386-690-9412
>
> Home-386-423-3277
>
> NO-VEC.jpg
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Alan Riley
> Sent: Wednesday, January 02, 2013 23:36
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] getting into the extended functions on the TS-850
>
>
>
>
>
> Tom, with power off, press SCAN and TX-M.CH buttons both down.
> While holding them both down, turn the power switch back on.
> Press CLR to exit and return to normal operation.
>
> Alan, KD5R
>
> From: Tom Bilello
> Sent: Wednesday, January 02, 2013 7:22 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] getting into the extended functions on the TS-850
>
> I have been trying to get into the extended functions on my TS-850. Every
> website I have found says to do the following:

>
> Pressing SCAN + TX-M.CH will set the radio into its extended function mode
>
> I have tried every combination of pressing the scan and the tx button, the
> scan and the M.CH button and pressing all three together and all the radio
> does is start to scan. Obviously, I am not doing something right or all the
> websites are yanking my chain. I think it is me. Can anyone offer a
> suggestion on how to really do this? Thank you for any help on this.
>
> Tom â□□Wolfieâ□□ Bilello, NWÃ□LF
>
> VE Liaison, DBARA
>
> Cell-386-690-9412
>
> Home-386-423-3277
>
> NO-VEC.jpg
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11784. Re: [TS-850_450_690] Re: getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 14:38:37 UTC
From: Zack Widup
Topic: 11778 Message: 11784

There is a list of them on pages 35 and 36 of the TS-850 instruction manual. There are 35 functions listed. They include things like turning on and off mode announcement in Morse code; 10 Hz display resolution on/off; displays for 50/144/430 MHz on/off. You'd have to look over the list.

73, Zack W9SZ

On 1/4/13, k4zot <packardg@...> wrote:
> But, what does the extended functions do?
>
> Glenn - K4ZOT
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Bilello" wrote:
>>
>> Alan, thanks a lot. I appreciate the help.
>>
>>
>>
>> Tom â€œWolfieâ€ Bilello, NWÃ˜LF
>>
>> VE Liaison, DBARA
>>
>> Cell-386-690-9412
>>
>> Home-386-423-3277
>>
>> NO-VEC.jpg
>>
>>
>>
>> From: TS-850_450_690@yahoogroups.com
>> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Alan Riley
>> Sent: Wednesday, January 02, 2013 23:36
>> To: TS-850_450_690@yahoogroups.com
>> Subject: Re: [TS-850_450_690] getting into the extended functions on the
>> TS-850
>>
>>
>>
>>
>>

>> Tom, with power off, press SCAN and TX-M.CH buttons both down.
>> While holding them both down, turn the power switch back on.
>> Press CLR to exit and return to normal operation.
>>
>> Alan, KD5R
>>
>> From: Tom Bilello
>> Sent: Wednesday, January 02, 2013 7:22 PM
>> To: TS-850_450_690@yahoogroups.com
>> Subject: [TS-850_450_690] getting into the extended functions on the
>> TS-850
>>
>> I have been trying to get into the extended functions on my TS-850. Every
>> website I have found says to do the following:
>>
>> Pressing SCAN + TX-M.CH will set the radio into its extended function
>> mode
>>
>> I have tried every combination of pressing the scan and the tx button,
>> the
>> scan and the M.CH button and pressing all three together and all the
>> radio
>> does is start to scan. Obviously, I am not doing something right or all
>> the
>> websites are yanking my chain. I think it is me. Can anyone offer a
>> suggestion on how to really do this? Thank you for any help on this.
>>
>> Tom â€œWolfieâ€ Bilello, NWÃ˜LF
>>
>> VE Liaison, DBARA
>>
>> Cell-386-690-9412
>>
>> Home-386-423-3277
>>
>> NO-VEC.jpg
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>

11785. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 05:58:13 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11785

Hi Clif and everybody else

Ok, I traced the RF signal all the way through the bandpass filters and first RF amp with signal injection at the so239 at 7.2 MHz. I see about 13 dB gain through the preamp, looking pretty good. Tonight I noticed that wiggling the what I think is the 8.830 MHz IF out cable, red, labeled at CN29 "RIF", (it goes to RIF on the IF board) caused the receive signal strength to change a little.
When I unplug at the RF unit end of this cable, and touch the center pin to the SHIELD of CN29, the receiver perks up a LOT and I see almost S3. I am thinking the IF is alive on the RF PCB but the conductive path to the connector is bad.

Could a switch diode like D57 have gone bad?
If this unit was used with an external IF device like a panadapter, could a transient have come in through the external IF port and caused some damage? Are there some simple checks to do in this IF to help isolate the bad device?

Thanks in advance

Lee, N1BA

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
>
> I removed Q49, receive is still bad.
>
> I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
> of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.
>
> Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.
>
> Lee
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> >
> > Unplug 3 connectors and the board will flip over and the radio powered up..
> >
> > Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
> >
> > Cli
> >
> > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > >

> > > Hi Clif
> > >
> > > Thank you for the very fast reply!
> > >
> > > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> > >
> > > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> > >
> > > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> > >
> > > 73
> > > Lee
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > >
> > > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > >
> > > > > Hi everybody, happy new year.
> > > > >
> > > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > > Thank you in advance for any help that is offered.
> > > > >
> > > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > > normal.
> > > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > > >
> > > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > > have a spare chip and didn't care about that band.
> > > > > The radio worked fine for months.
> > > > >
> > > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > > when injecting at s0-239 or CN1.

> > > > >
> > > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > > cap, I don't hear the signal anymore.
> > > > >
> > > > > It seems like there is an AC short at this node but I can't find it. I
> > > > > would assume that a leaky diode / DC short at this node would cause low
> > > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > > like a sawtooth instead of stable level.
> > > > >
> > > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > > >
> > > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > > 121 of the servic manual (RF board)
> > > > >
> > > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > > this choke for the high resistance.)
> > > > >
> > > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > > D93 to ground measures about 390 ohms, I am assuming
> > > > > this OK, looking back through the bias circuit of L5 and R5.
> > > > >
> > > > > I would greatly appreciate any help
> > > > >
> > > > > 73
> > > > > Lee
> > > > > N1BA
> > > > >
> > > >
> > >
> >
>

11786. filters/ slope tune

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 10:40:33 UTC
From: Steve C
Topic: 11786 Message: 11786

I found a post about this issue but can't seem to correct the problem.

I have two Inrad 2.1 filters (one at 8830 and one at 455). The 8830 when selected shows "270", the 455 shows "500". My switches marked #1 and #4 are set to "on", the others are "off".

If I select both these filters, the slope tuning will only work in LSB or USB, not in CW mode. My filters seem to be in the correct places, from what I read in the other post. The switch settings as described in the manual are not clear to me, but I don't understand how they are wrong either. If I put #3 on instead of #4, the "500" lights up on the 8830 side, but I get almost no signals through (no filter there). I believe the filter is in the right place though. Hopefully someone can clear this up. I am supposed to be able to use both of them on CW right?

Here is the other post on this issue:

http://groups.yahoo.com/group/TS-850_450_690/message/10044

11787. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 15:30:35 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11787

Hi Clif and everyone

I am reposting as my last post did not seem to appear.
I traced an injected signal at 7.2 MHz from the SO-239 all the way to the output of the preamp at the input terminal of L54/cathode of D38.
I see the signal ok and it is amplified about 13 dB.

I did notice that wiggling the red RIF cable where it plugs into the RF pcb at CN29 causes the signal to vary just a tiny bit.
When I unplug the cable at CN29 and touch the _tip_ of the cable to the shield of the CN29, the receiver perks up and I start seeing S3 or better. RF pickup from this cable when unplugged and attached to a probe wire likewise makes the receiver come alive. I am thinking there is something wrong at the output of the 8. MHz IF, it sounds alive but is not making it to the IF board.

I have never gone this deep into the receiver before, are there some simple checks to make? For instance, what signal level should I expect at C29, and what simple power-on checks should I make in this area?. I used the ohmmeter on the switching diodes in this area and they look ok.

thanks again

Lee, N1BA

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
>
> I removed Q49, receive is still bad.
>
> I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
> of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.
>
> Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.
>
> Lee
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> >
> > Unplug 3 connectors and the board will flip over and the radio powered up..
> >
> > Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
> >

> > Cli
> >
> > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > >
> > > Hi Clif
> > >
> > > Thank you for the very fast reply!
> > >
> > > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> > >
> > > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> > >
> > > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> > >
> > > 73
> > > Lee
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > >
> > > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > >
> > > > > Hi everybody, happy new year.
> > > > >
> > > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > > Thank you in advance for any help that is offered.
> > > > >
> > > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > > normal.
> > > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > > >
> > > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > > have a spare chip and didn't care about that band.
> > > > > The radio worked fine for months.
> > > > >

> > > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > > when injecting at s0-239 or CN1.
> > > > > >
> > > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > > cap, I don't hear the signal anymore.
> > > > > >
> > > > > It seems like there is an AC short at this node but I can't find it. I
> > > > > would assume that a leaky diode / DC short at this node would cause low
> > > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > > like a sawtooth instead of stable level.
> > > > > >
> > > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > > > >
> > > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > > 121 of the servic manual (RF board)
> > > > > >
> > > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > > this choke for the high resistance.)
> > > > > >
> > > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > > D93 to ground measures about 390 ohms, I am assuming
> > > > > this OK, looking back through the bias circuit of L5 and R5.
> > > > > >
> > > > > I would greatly appreciate any help
> > > > > >
> > > > > 73
> > > > > Lee
> > > > > N1BA
> > > > > >
> > > > >
> > > >
> > >
> >
>

11788. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 19:03:30 UTC
From: avvidclif
Topic: 11765 Message: 11788

You're going backwards. Go to pg 190 in the service manual, it is labeled Transmitter section but it is really the rx.

1. Use a probe with .01 cap for isolation. Turn off the AGC and inject a 1kHz audio signal into base Q27 or Pin 2 of IC4. Set the vol control to a comfortable level and hook up a AF Voltmeter to the speaker connection and note the reading. That is your zero setting, do not change the vol control after that.

2. Inject a 455 kHz signal into Pin 7 of IC4 and adjust the level to give your zero reading as found in the above step.

3. The test levels are given in dBu but that's not what you are interested in. The difference in the different levels will be in dB. Using the RF level found in step 2 as a zero point then as you back thru the radio you change the input level on the generator and see if the AF Voltmeter is at zero.

Now that's clear as mud so here is an example. If at Pin7 of IC4 you need an input level of 0dBm to get your AF zero then at the RIF connector CN5 you should need ~-84dBm@8.83mHz. On the level chart CN5 is 12.6dBu and pin & if IC4 is 96.5dBu, the difference being 83.9 dB.

Does that make sense?

In a normal 850 a -81dBm signal(@8.83mHz adjusted to give a 1kHz tone)into CN5 will give an S-9 reading if the s-meter is calibrated correctly. If it does the IF is fine now. Then using the dB differences back thru the RF unit and look for the wrong reading. Follow the chart above the schematic for the injection frequency. It will have to be tweaked slightly to give the 1kHz output tone.

Clif

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
>
> Hi Clif and everyone
>
> I am reposting as my last post did not seem to appear.
> I traced an injected signal at 7.2 MHz from the SO-239 all the way to the output of the preamp at the input terminal of L54/cathode of D38.
> I see the signal ok and it is amplified about 13 dB.
>
> I did notice that wiggling the red RIF cable where it plugs into the RF pcb at CN29 causes the signal to vary just a tiny bit.
> When I unplug the cable at CN29 and touch the _tip_ of the cable to the shield of the CN29, the receiver perks up and I start seeing S3 or better. RF pickup from this cable when unplugged and attached to a probe wire likewise makes the receiver come alive. I am thinking there is something wrong at the output of the 8. MHz IF, it sounds alive but is not making it to the IF board.
>

> I have never gone this deep into the receiver before, are there some simple checks to make? For instance, what signal level should I expect at C29, and what simple power-on checks should I make in this area?. I used the ohmmeter on the switching diodes in this area and they look ok.
>
> thanks again
>
> Lee, N1BA
>
> --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> >
> > I removed Q49, receive is still bad.
> >
> > I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
> > of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.
> >
> > Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.
> >
> > Lee
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > >
> > > Unplug 3 connectors and the board will flip over and the radio powered up..
> > >
> > > Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
> > >
> > > Cli
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > >
> > > > Hi Clif
> > > >
> > > > Thank you for the very fast reply!
> > > >
> > > > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> > > >
> > > > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> > > >
> > > > It is a PITA to measure the collector voltage with power on, looks like I have to

fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> > > >
> > > > 73
> > > > Lee
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > > >
> > > > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > > >
> > > > > > Hi everybody, happy new year.
> > > > > >
> > > > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > > > Thank you in advance for any help that is offered.
> > > > > >
> > > > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > > > normal.
> > > > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > > > >
> > > > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > > > have a spare chip and didn't care about that band.
> > > > > > The radio worked fine for months.
> > > > > >
> > > > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > > > when injecting at s0-239 or CN1.
> > > > > >
> > > > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > > > cap, I don't hear the signal anymore.
> > > > > >
> > > > > > It seems like there is an AC short at this node but I can't find it. I
> > > > > > would assume that a leaky diode / DC short at this node would cause low
> > > > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > > > like a sawtooth instead of stable level.
> > > > > >
> > > > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > > > >

> > > > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > > > 121 of the servic manual (RF board)
> > > > > > >
> > > > > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > > > > this choke for the high resistance.)
> > > > > > > >
> > > > > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > > > > D93 to ground measures about 390 ohms, I am assuming
> > > > > > > this OK, looking back through the bias circuit of L5 and R5.
> > > > > > > >
> > > > > > > I would greatly appreciate any help
> > > > > > > >
> > > > > > > 73
> > > > > > > Lee
> > > > > > > N1BA
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >

11789. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-04 19:20:55 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11789

Hi Clif:

Very clear mud, thank you!
It would not be the first time that an EMC engineer was accused of doing something backwards.

Page 190 is gold! I only have the #$%^& black and white pdf that is "wicked Hahd" to read. I probably passed over page 190 because as you say it is labeled "Transmitter". Next time I troubleshoot a Kenwood I will refer to the transmitter section of the service manual when troubleshooting the receiver, and vice versa :-)

Yes I understand the delta dBs between the measurement points, that makes sense and is extremely useful.

I was going to proceed with the last step you recommended, to check my belief that the IF and beyond is fine and to prove that the problem is somewhere on the RF board between the first mixer and the RIF output. Thank you so much for the advice, I think I will have the problem "cornered" soon. I am traveling for work soon so you may not hear back from me for over a week.

73
Lee N1BA

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
> You're going backwards. Go to pg 190 in the service manual, it is labeled Transmitter section but it is really the rx.
>
> 1. Use a probe with .01 cap for isolation. Turn off the AGC and inject a 1kHz audio signal into base Q27 or Pin 2 of IC4. Set the vol control to a comfortable level and hook up a AF Voltmeter to the speaker connection and note the reading. That is your zero setting, do not change the vol control after that.
>
> 2. Inject a 455 kHz signal into Pin 7 of IC4 and adjust the level to give your zero reading as found in the above step.
>
> 3. The test levels are given in dBu but that's not what you are interested in. The difference in the different levels will be in dB. Using the RF level found in step 2 as a zero point then as you back thru the radio you change the input level on the generator and see if the AF Voltmeter is at zero.
>
> Now that's clear as mud so here is an example. If at Pin7 of IC4 you need an input level of 0dBm to get your AF zero then at the RIF connector CN5 you should need ~-84dBm@... On the level chart CN5 is 12.6dBu and pin & if IC4 is 96.5dBu, the difference being 83.9 dB.
>
> Does that make sense?

>
> In a normal 850 a -81dBm signal(@8.83mHz adjusted to give a 1kHz tone)into CN5 will give an S-9 reading if the s-meter is calibrated correctly. If it does the IF is fine now. Then using the dB differences back thru the RF unit and look for the wrong reading. Follow the chart above the schematic for the injection frequency. It will have to be tweaked slightly to give the 1kHz output tone.
>
> Clif
>
> --- In TS-850_450_690@...m, "noiselessaoldotcom" wrote:
> >
> > Hi Clif and everyone
> >
> > I am reposting as my last post did not seem to appear.
> > I traced an injected signal at 7.2 MHz from the SO-239 all the way to the output of the preamp at the input terminal of L54/cathode of D38.
> > I see the signal ok and it is amplified about 13 dB.
> >
> > I did notice that wiggling the red RIF cable where it plugs into the RF pcb at CN29 causes the signal to vary just a tiny bit.
> > When I unplug the cable at CN29 and touch the _tip_ of the cable to the shield of the CN29, the receiver perks up and I start seeing S3 or better. RF pickup from this cable when unplugged and attached to a probe wire likewise makes the receiver come alive. I am thinking there is something wrong at the output of the 8. MHz IF, it sounds alive but is not making it to the IF board.
> >
> > I have never gone this deep into the receiver before, are there some simple checks to make? For instance, what signal level should I expect at C29, and what simple power-on checks should I make in this area?. I used the ohmmeter on the switching diodes in this area and they look ok.
> >
> > thanks again
> >
> > Lee, N1BA
> >
> > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > >
> > > I removed Q49, receive is still bad.
> > >
> > > I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
> > > of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.
> > >
> > > Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.
> > >

> > > Lee
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > >
> > > > Unplug 3 connectors and the board will flip over and the radio powered up..
> > > >
> > > > Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
> > > >
> > > > Cli
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > >
> > > > > Hi Clif
> > > > >
> > > > > Thank you for the very fast reply!
> > > > >
> > > > > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> > > > >
> > > > > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> > > > >
> > > > > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> > > > >
> > > > > 73
> > > > > Lee
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > > > >
> > > > > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > > > >
> > > > > > > Hi everybody, happy new year.
> > > > > > >
> > > > > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > > > > Thank you in advance for any help that is offered.
> > > > > > >
> > > > > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > > > > normal.
> > > > > > > During receive, RXB is 7.8v, TXB= 0 volts.

> > > > > > >
> > > > > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > > > > have a spare chip and didn't care about that band.
> > > > > > > The radio worked fine for months.
> > > > > > >
> > > > > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > > > > when injecting at s0-239 or CN1.
> > > > > > >
> > > > > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > > > > cap, I don't hear the signal anymore.
> > > > > > >
> > > > > > > It seems like there is an AC short at this node but I can't find it. I
> > > > > > > would assume that a leaky diode / DC short at this node would cause low
> > > > > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > > > > like a sawtooth instead of stable level.
> > > > > > >
> > > > > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > > > > >
> > > > > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > > > > 121 of the servic manual (RF board)
> > > > > > >
> > > > > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > > > > this choke for the high resistance.)
> > > > > > >
> > > > > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > > > > D93 to ground measures about 390 ohms, I am assuming
> > > > > > > this OK, looking back through the bias circuit of L5 and R5.
> > > > > > >
> > > > > > > I would greatly appreciate any help
> > > > > > >
> > > > > > > 73
> > > > > > > Lee
> > > > > > > N1BA
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >

> >
>

11790. Re: [TS-850_450_690] Re: getting into the extended functions on the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-05 08:13:25 UTC
From: Alan Riley
Topic: 11778 Message: 11790

Glenn, there are some extended functions that are not shown in the instruction manual.

Some info on these functions can be found at:
http://www.db0anf.de/app/bbs/messages/show-22A4DB0RBSC7 and at
http://www.qsl.net/ve7lgp/kenwood/Modifications%20for%20the%20Kenwood%20TS-850.htm
and other places as well.

If a link won’t open by clicking on it, copy it and paste into your browser. The functions at
the bottom of the DB0ANF chart are the ones Tom was referring to.

Alan, KD5R

From: k4zot
Sent: Friday, January 04, 2013 8:27 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: getting into the extended functions on the TS-850

But, what does the extended functions do?

Glenn - K4ZOT

[Non-text portions of this message have been removed]

11791. Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-05 06:39:02 UTC
From: noiselessaoldotcom
Topic: 11765 Message: 11791

Hi Clif:

Looks like success! Using your way of working back from the audio stage, I first determined that the IF board was ok. Then I injected at SO239, then looked at TP4 and TP1 and determined nothing was getting out of the 2nd mixer. I injected at TP2 and also saw nothing coming out. I turned the board over and did a good visual and immediately saw the damaged caps. I bet this was caused by roughly reinstalling the "front" edge of the RF board during a previous repair, the underside must have gotten dragged across an edge of the chassis. I'll replace the two parts and hopefully the receiver will come to life.

I uploaded a picture of the problem area, look at the bottom left corner

Finding and understanding the level diagram did the trick!

Thank you for the great help! I will post again with the results of the repair.

73
Lee, N1BA

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
>
> Hi Clif:
>
> Very clear mud, thank you!
> It would not be the first time that an EMC engineer was accused of doing something backwards.
>
> Page 190 is gold! I only have the #$%^& black and white pdf that is "wicked Hahd" to read.
> I probably passed over page 190 because as you say it is labeled "Transmitter". Next time I troubleshoot a Kenwood I will refer to the transmitter section of the service manual when troubleshooting the receiver, and vice versa :-)
>
> Yes I understand the delta dBs between the measurement points, that makes sense and is extremely useful.
>
> I was going to proceed with the last step you recommended, to check my belief that the IF and beyond is fine and to prove that the problem is somewhere on the RF board between the first mixer and the RIF output. Thank you so much for the advice, I think I will have the problem "cornered" soon. I am traveling for work soon so you may not hear back from me for over a week.
>
> 73
> Lee N1BA
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:

> >
> > You're going backwards. Go to pg 190 in the service manual, it is labeled Transmitter section but it is really the rx.
> >
> > 1. Use a probe with .01 cap for isolation. Turn off the AGC and inject a 1kHz audio signal into base Q27 or Pin 2 of IC4. Set the vol control to a comfortable level and hook up a AF Voltmeter to the speaker connection and note the reading. That is your zero setting, do not change the vol control after that.
> >
> > 2. Inject a 455 kHz signal into Pin 7 of IC4 and adjust the level to give your zero reading as found in the above step.
> >
> > 3. The test levels are given in dBu but that's not what you are interested in. The difference in the different levels will be in dB. Using the RF level found in step 2 as a zero point then as you back thru the radio you change the input level on the generator and see if the AF Voltmeter is at zero.
> >
> > Now that's clear as mud so here is an example. If at Pin7 of IC4 you need an input level of 0dBm to get your AF zero then at the RIF connector CN5 you should need ~-84dBm@ On the level chart CN5 is 12.6dBu and pin & if IC4 is 96.5dBu, the difference being 83.9 dB.
> >
> > Does that make sense?
> >
> > In a normal 850 a -81dBm signal(@8.83mHz adjusted to give a 1kHz tone)into CN5 will give an S-9 reading if the s-meter is calibrated correctly. If it does the IF is fine now. Then using the dB differences back thru the RF unit and look for the wrong reading. Follow the chart above the schematic for the injection frequency. It will have to be tweaked slightly to give the 1kHz output tone.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > >
> > > Hi Clif and everyone
> > >
> > > I am reposting as my last post did not seem to appear.
> > > I traced an injected signal at 7.2 MHz from the SO-239 all the way to the output of the preamp at the input terminal of L54/cathode of D38.
> > > I see the signal ok and it is amplified about 13 dB.
> > >
> > > I did notice that wiggling the red RIF cable where it plugs into the RF pcb at CN29 causes the signal to vary just a tiny bit.
> > > When I unplug the cable at CN29 and touch the _tip_ of the cable to the shield of the CN29, the receiver perks up and I start seeing S3 or better. RF pickup from this cable when unplugged and attached to a probe wire likewise makes the receiver come alive. I am thinking there is something wrong at the output of the 8. MHz IF, it sounds alive but is not making it to the IF board.
> > >
> > > I have never gone this deep into the receiver before, are there some simple checks to make? For instance, what signal level should I expect at C29, and what simple power-on

checks should I make in this area?. I used the ohmmeter on the switching diodes in this area and they look ok.
> > >
> > > thanks again
> > >
> > > Lee, N1BA
> > >
> > > --- In TS-850_450_690@...m, "noiselessaoldotcom" wrote:
> > > >
> > > > I removed Q49, receive is still bad.
> > > >
> > > > I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
> > > > of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.
> > > >
> > > > Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.
> > > >
> > > > Lee
> > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > > >
> > > > > Unplug 3 connectors and the board will flip over and the radio powered up..
> > > > >
> > > > > Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
> > > > >
> > > > > Cli
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > > >
> > > > > > Hi Clif
> > > > > >
> > > > > > Thank you for the very fast reply!
> > > > > >
> > > > > > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> > > > > >
> > > > > > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> > > > > >
> > > > > > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.

> > > > > >
> > > > > > 73
> > > > > > Lee
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > > > > >
> > > > > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > > > > > >
> > > > > > Clif
> > > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > > > >
> > > > > > Hi everybody, happy new year.
> > > > > > >
> > > > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > > > Thank you in advance for any help that is offered.
> > > > > > >
> > > > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > > > normal.
> > > > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > > > > >
> > > > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't
> > > > > > have a spare chip and didn't care about that band.
> > > > > > The radio worked fine for months.
> > > > > > >
> > > > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > > > when injecting at s0-239 or CN1.
> > > > > > >
> > > > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > > > cap, I don't hear the signal anymore.
> > > > > > >
> > > > > > It seems like there is an AC short at this node but I can't find it. I
> > > > > > would assume that a leaky diode / DC short at this node would cause low
> > > > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > > > like a sawtooth instead of stable level.
> > > > > > >
> > > > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > > > > >
> > > > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > > > little high, the service manual page notation shows RX: 6.7v for this

> > > > > > > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > > > > > > 121 of the servic manual (RF board)
> > > > > > > > >
> > > > > > > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > > > > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > > > > > > this choke for the high resistance.)
> > > > > > > > >
> > > > > > > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > > > > > > D93 to ground measures about 390 ohms, I am assuming
> > > > > > > > > this OK, looking back through the bias circuit of L5 and R5.
> > > > > > > > >
> > > > > > > > > I would greatly appreciate any help
> > > > > > > > >
> > > > > > > > > 73
> > > > > > > > > Lee
> > > > > > > > > N1BA
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> >

11792. No success Re: TS-850s deaf receiver

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-06 14:47:26 UTC
From: noiselessaoldotcom
Topic: 11792 Message: 11792

Hi Clif et al:

Update again. The caps were NOT broken. there was a piece of small gauge wire insulation stuck between the caps. That's what was in the image. Now I think the 8.8 MHz IF filter selection is not working. I can inject 8.8 MHz at the output of a filter and hear/see S9 signal. If I inject at the input of a filter, I hear nothing regardless of which filter position I choose from the front panel.

I seem to recall that when they were working, one of the 850s's seem to be going dead when changing filter selection from the front panel. I think I power cycle fixed it in the past. If this is the radio that had that symptom, it is now permanent.

Any suggestions on likely failures in the 8.8 MHz filter selection area?

Now that I know the front end of the receiver is healthy, and since the rear panel IF out is ahead of the filters, I am going to check the receiver with my panadapter to see if the IF output BEFORE the filters is healthy. This would have been a good isolation check before.

Lee
N1BA

--- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
>
> Hi Clif:
>
> Looks like success! Using your way of working back from the audio stage, I first determined that the IF board was ok. Then I injected at SO239, then looked at TP4 and TP1 and determined nothing was getting out of the 2nd mixer. I injected at TP2 and also saw nothing coming out. I turned the board over and did a good visual and immediately saw the damaged caps. I bet this was caused by roughly reinstalling the "front" edge of the RF board during a previous repair, the underside must have gotten dragged across an edge of the chassis. I'll replace the two parts and hopefully the receiver will come to life.
>
> I uploaded a picture of the problem area, look at the bottom left corner
>
> Finding and understanding the level diagram did the trick!
>
> Thank you for the great help! I will post again with the results of the repair.
>
> 73
> Lee, N1BA
>
> --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> >
> > Hi Clif:

> >
> > Very clear mud, thank you!
> > It would not be the first time that an EMC engineer was accused of doing something backwards.
> >
> > Page 190 is gold! I only have the #$%^& black and white pdf that is "wicked Hahd" to read.
> > I probably passed over page 190 because as you say it is labeled "Transmitter". Next time I troubleshoot a Kenwood I will refer to the transmitter section of the service manual when troubleshooting the receiver, and vice versa :-)
> >
> > Yes I understand the delta dBs between the measurement points, that makes sense and is extremely useful.
> >
> > I was going to proceed with the last step you recommended, to check my belief that the IF and beyond is fine and to prove that the problem is somewhere on the RF board between the first mixer and the RIF output. Thank you so much for the advice, I think I will have the problem "cornered" soon. I am traveling for work soon so you may not hear back from me for over a week.
> >
> > 73
> > Lee N1BA
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > >
> > > You're going backwards. Go to pg 190 in the service manual, it is labeled Transmitter section but it is really the rx.
> > >
> > > 1. Use a probe with .01 cap for isolation. Turn off the AGC and inject a 1kHz audio signal into base Q27 or Pin 2 of IC4. Set the vol control to a comfortable level and hook up a AF Voltmeter to the speaker connection and note the reading. That is your zero setting, do not change the vol control after that.
> > >
> > > 2. Inject a 455 kHz signal into Pin 7 of IC4 and adjust the level to give your zero reading as found in the above step.
> > >
> > > 3. The test levels are given in dBu but that's not what you are interested in. The difference in the different levels will be in dB. Using the RF level found in step 2 as a zero point then as you back thru the radio you change the input level on the generator and see if the AF Voltmeter is at zero.
> > >
> > > Now that's clear as mud so here is an example. If at Pin7 of IC4 you need an input level of 0dBm to get your AF zero then at the RIF connector CN5 you should need ~-84dBm@ On the level chart CN5 is 12.6dBu and pin & if IC4 is 96.5dBu, the difference being 83.9 dB.
> > >
> > > Does that make sense?
> > >
> > > In a normal 850 a -81dBm signal(@8.83mHz adjusted to give a 1kHz tone)into CN5 will give an S-9 reading if the s-meter is calibrated correctly. If it does the IF is fine now. Then using the dB differences back thru the RF unit and look for the wrong reading. Follow

the chart above the schematic for the injection frequency. It will have to be tweaked slightly to give the 1kHz output tone.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > >
> > > > Hi Clif and everyone
> > > >
> > > > I am reposting as my last post did not seem to appear.
> > > > I traced an injected signal at 7.2 MHz from the SO-239 all the way to the output of the preamp at the input terminal of L54/cathode of D38.
> > > > I see the signal ok and it is amplified about 13 dB.
> > > >
> > > > I did notice that wiggling the red RIF cable where it plugs into the RF pcb at CN29 causes the signal to vary just a tiny bit.
> > > > When I unplug the cable at CN29 and touch the _tip_ of the cable to the shield of the CN29, the receiver perks up and I start seeing S3 or better. RF pickup from this cable when unplugged and attached to a probe wire likewise makes the receiver come alive. I am thinking there is something wrong at the output of the 8. MHz IF, it sounds alive but is not making it to the IF board.
> > > >
> > > > I have never gone this deep into the receiver before, are there some simple checks to make? For instance, what signal level should I expect at C29, and what simple power-on checks should I make in this area?. I used the ohmmeter on the switching diodes in this area and they look ok.
> > > >
> > > > thanks again
> > > >
> > > > Lee, N1BA
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > >
> > > > > I removed Q49, receive is still bad.
> > > > >
> > > > > I believe I goofed with my last report I mistakenly put the DC block on the wrong side of my signal injection attenuator, so I loaded down the DC on the net with the attenuator. Ok so I fixed that, I can follow/measure my injected 40 uV from the so-239 all the way to the cathode of D3. I am now going to check at the junction of the cathodes of D33, D35 and D37 next to see if the signal is getting out
> > > > > of the BPFs. Then I'll check at the outputs of the preamps at the cathodes of D36, D38, and D34.
> > > > >
> > > > > Since the receiver is deaf on all bands, I am thinking it's unlikely that both the F<22 MHz and F>22 MHz preamps are bad.
> > > > >
> > > > > Lee
> > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > > > >
> > > > > > Unplug 3 connectors and the board will flip over and the radio powered up..
> > > > > >

> > > > > > Just remove Q49 and see if the rx comes back up. If not it was OK, put it back.
> > > > > >
> > > > > > Cli
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > > > >
> > > > > > > Hi Clif
> > > > > > >
> > > > > > > Thank you for the very fast reply!
> > > > > > >
> > > > > > > At Q49 I do see about 180 ohms to ground at the base with the junction reverse biased. Should TXB be that low a resistance to ground with power off, or does that mean the base emitter junction and internal resistors are fried? I did confirm txb = 0volts in receive.
> > > > > > >
> > > > > > > I forgot to mention that my previous "fix" to IC1 included replacing a shorted Q49, I have seen that failure before, at the new Q49 I just doubled checked the collector it is high Z with VOM diode test, emitter at GND, C285, the coupling cap to the signal path is not shorted either. R313 is ok at 2.2k ohms.
> > > > > > >
> > > > > > > It is a PITA to measure the collector voltage with power on, looks like I have to fip the board over and insulate from chassis. Do you have any other suggestions before I go there? I guess I could do that, or brute force it and remove everything in shunt with the anode of D3 to isolate, just trying to reduce wear and tear on the PCB in this area.
> > > > > > >
> > > > > > > 73
> > > > > > > Lee
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
> > > > > > > >
> > > > > > > > Most likely Q49 on the RF unit has shorted. It should have 12v on the collector in rx.
> > > > > > > >
> > > > > > > > Clif
> > > > > > > >
> > > > > > > > --- In TS-850_450_690@yahoogroups.com, "noiselessaoldotcom" wrote:
> > > > > > > > >
> > > > > > > > > Hi everybody, happy new year.
> > > > > > > > >
> > > > > > > > > I am hoping to get a pointer or two with my TS-850S receiver problem.
> > > > > > > > > Thank you in advance for any help that is offered.
> > > > > > > > >
> > > > > > > > > I own two TS-850s's. Rig #2 receiver is deaf, at least 30 dB down from
> > > > > > > > > normal.
> > > > > > > > > During receive, RXB is 7.8v, TXB= 0 volts.
> > > > > > > > >
> > > > > > > > > IC1 band decoder outputs are ok. Previously on this rig IC1 pin 2 got
> > > > > > > > > stuck low and caused the 0.5 to 1.6 MHz bandpass filter
> > > > > > > > > to get stuck "on", I clipped the pin 2 to fix the problem as I didn't

> > > > > > > > > > have a spare chip and didn't care about that band.
> > > > > > > > > > The radio worked fine for months.
> > > > > > > > > >
> > > > > > > > > > Now this receiver has gone deaf again. The SO239 input filer/relay
> > > > > > > > > > board is ok, I bypassed it and injected 40 uV signal directly at
> > > > > > > > > > CN1 RAT at the RF board input, there's no difference in signal strength
> > > > > > > > > > when injecting at s0-239 or CN1.
> > > > > > > > > >
> > > > > > > > > > I sequentially injected the signal (with large value DC blocking cap) at
> > > > > > > > > > CN1, then at L3 and L4 (they are easy to get to from the
> > > > > > > > > > top of the PCB). I hear the signal at both inductors. But when I move
> > > > > > > > > > the injection point to the BPF side of C8, the 0.1 uF sereis coupling
> > > > > > > > > > cap, I don't hear the signal anymore.
> > > > > > > > > >
> > > > > > > > > > It seems like there is an AC short at this node but I can't find it. I
> > > > > > > > > > would assume that a leaky diode / DC short at this node would cause low
> > > > > > > > > > RXB, but RXB is 7.8v (ok). I am using a digital voltmeter, should I
> > > > > > > > > > check with a scope? I saw one post that mentioned a bad RXB that looked
> > > > > > > > > > like a sawtooth instead of stable level.
> > > > > > > > > >
> > > > > > > > > > D3, D93 and D94 measure ok in circuit with power off using vom diode
> > > > > > > > > > checker. I see about 0.75 Volt drop across D3 with the rig on.
> > > > > > > > > >
> > > > > > > > > > With the rig on, At the cathode of D3 I measure 7.1V, this seams a
> > > > > > > > > > little high, the service manual page notation shows RX: 6.7v for this
> > > > > > > > > > node, the notation is just below the note "D93, D94 VOL. LIMITER on page
> > > > > > > > > > 121 of the servic manual (RF board)
> > > > > > > > > >
> > > > > > > > > > For the BPF filter switch diode bias circuit, I think it's ok, R5
> > > > > > > > > > measures 180 ohms, L5 measures 26 ohms (I assume a lot of tiny wire in
> > > > > > > > > > this choke for the high resistance.)
> > > > > > > > > >
> > > > > > > > > > With the radio off, and the RF board out of the chassis, the cathode of
> > > > > > > > > > D93 to ground measures about 390 ohms, I am assuming
> > > > > > > > > > this OK, looking back through the bias circuit of L5 and R5.
> > > > > > > > > >
> > > > > > > > > > I would greatly appreciate any help
> > > > > > > > > >
> > > > > > > > > > 73
> > > > > > > > > > Lee
> > > > > > > > > > N1BA
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >

11793. Question re TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-07 22:08:59 UTC
From: ve1ii
Topic: 11793 Message: 11793

Hello,

A couple of years ago I started to repair my TS-450S after it was damaged by a near lightning strike.
I got a bit discouraged by other events, but now I am returning to the project.
It has been partially dismantled for that time. All of the screws, etc. are still lying on the bench beside the transceiver parts.

Coming from near the back of the antenna tuner are two coaxial cables that connect to the bandpass filter board.
One has a piece of white heat shrink or tape on it near the connector.
They connect to the connectors marked as CN3 (at1) and CN4 (at2)..
question, any advice on which cable goes to which connector? I can trace the paths on the schematics, but it would be nice to not have to take the cover off the antenna tuner and disrupt the wires lying on top of the cover if I don't need to.

Thanks in advance!

Bruce

11794. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-08 00:20:16 UTC
From: ea1ehw
Topic: 9235 Message: 11794

Hello Rod:

Have you solved finally the problem?.

I have changed the cap, but when I turn the radio on, the RF bargraph goes 9+60 about 10 minutes and finally it returns to his position and it works without problems.

The solution that I use is not to turn off, but I would like to arrange it.

A greeting.
Juan.

--- In TS-850_450_690@yahoogroups.com, "Rodrigo" wrote:
>
> That could be it also...I cleaned it up...but maybe not enough...I will work on that...
>
> Thanks
>
> Rod
>
>

11795. Re: [TS-850_450_690] Re: On or off

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-08 01:34:34 UTC
From: Dave Rust
Topic: 11795 Message: 11795

Whats the preferred method for long life of a radio, turn it on and leave it on 24/7/365 or turn off and on as needed?

I have had good luck with a Motorola repeater that I put on the air some 15 plus years ago and its still on only with the exception if a power outage. Turn it on and leave it on?

Does this same apply to a Solid State Kenwood?
Dave W0DLR

[Non-text portions of this message have been removed]

11796. Re: [TS-850_450_690] Re: On or off

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-08 04:58:24 UTC
From: WB4CIW@aol.com
Topic: 11795 Message: 11796

Hi,
I'm one of those folks. When I purchase a radio, the first place it goes is on the bench where the covers
come off and I open it up as far as frequency coverage is concerned. Then I button it up, put it in place,
make all the connections, and then turn it on, and leave it on. The only time it is shut off is when I leave
on vacation(s). I'm active in Navy Marine Corps MARS, SHARES, and ARES.
I have several radios and scanners, and my two main transceivers are the TS-850 SAT, and the 870.
Love them both. They are real work horses and each, at one time or another, powered a 24/7 VHF/HF packet/pactor Gateway or a full time Pactor Switch.
Frank

In a message dated 1/7/2013 7:32:55 P.M. Mountain Standard Time, dlrust@... writes:

Whats the preferred method for long life of a radio, turn it on and leave it on 24/7/365 or turn off and on as needed?

I have had good luck with a Motorola repeater that I put on the air some 15 plus years ago and its still on only with the exception if a power outage. Turn it on and leave it on?

Does this same apply to a Solid State Kenwood?
Dave W0DLR

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11797. Re: TS-450 low volume

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-08 14:50:22 UTC
From: avvidclif
Topic: 9235 Message: 11797

If you look you will find that the AGC line is on CN1 and makes a turn and goes right by where the leaking cap was. The board wasn't cleaned well enough and some of the electrolyte is still on the board and shorting the AGC line. When the AGC is pulled low the gain goes down and the S-meter reflects this by going full scale.

Clif

--- In TS-850_450_690@yahoogroups.com, "ea1ehw" wrote:
>
>
>
> Hello Rod:
>
> Have you solved finally the problem?.
>
> I have changed the cap, but when I turn the radio on, the RF bargraph goes 9+60 about 10 minutes and finally it returns to his position and it works without problems.
>
> The solution that I use is not to turn off, but I would like to arrange it.
>
> A greeting.
> Juan.
>
> --- In TS-850_450_690@yahoogroups.com, "Rodrigo" wrote:
> >
> > That could be it also...I cleaned it up...but maybe not enough...I will work on that...
> >
> > Thanks
> >
> > Rod
> >
> >
>

11798. Re: Question re TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-08 20:39:49 UTC
From: Mike34230
Topic: 11793 Message: 11798

The white banded cable is plugged into CN3 (AT 1), the front-most plug. See page 84 of the instruction manual.

73, Mike - AA1AR

--- In TS-850_450_690@yahoogroups.com, "ve1ii" wrote:
>
> Hello,
>
> A couple of years ago I started to repair my TS-450S after it was damaged by a near lightning strike.
> I got a bit discouraged by other events, but now I am returning to the project.
> It has been partially dismantled for that time. All of the screws, etc. are still lying on the bench beside the transceiver parts.
>
> Coming from near the back of the antenna tuner are two coaxial cables that connect to the bandpass filter board.
> One has a piece of white heat shrink or tape on it near the connector.
> They connect to the connectors marked as CN3 (at1) and CN4 (at2)..
> question, any advice on which cable goes to which connector? I can trace the paths on the schematics, but it would be nice to not have to take the cover off the antenna tuner and disrupt the wires lying on top of the cover if I don't need to.
>
> Thanks in advance!
>
> Bruce
>

11799. Re: Question re TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-08 22:01:15 UTC
From: ve1ii
Topic: 11793 Message: 11799

Thank you Mike! I had never thought to look there for the answer. I didn't have the pleasure of starting out with the rig as a new one and I forgot that some of them came without the tuner and they were often added later.

Lots to learn if I get it working well enough to play with it on the air.

73,

Bruce, VE1II

--- In TS-850_450_690@yahoogroups.com, "Mike34230" wrote:
>
> The white banded cable is plugged into CN3 (AT 1), the front-most plug. See page 84 of the instruction manual.
>
> 73, Mike - AA1AR
>
> --- In TS-850_450_690@yahoogroups.com, "ve1ii" wrote:
> >
> > Hello,
> >
> > A couple of years ago I started to repair my TS-450S after it was damaged by a near lightning strike.

11800. Re: Question re TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-09 16:10:21 UTC
From: Mike34230
Topic: 11793 Message: 11800

Glad to help, Bruce! I remembered mine was added in later, so that got me wondering where the instructions were...

--- In TS-850_450_690@yahoogroups.com, "ve1ii" wrote:
>
> Thank you Mike! I had never thought to look there for the answer. I didn't have the pleasure of starting out with the rig as a new one and I forgot that some of them came without the tuner and they were often added later.
>

11801. Yamaha CM500 headset with TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-09 21:03:30 UTC
From: Alberto Rojas
Topic: 11801 Message: 11801

Hi group, recently I bought a headset yahama CM500 and I would like to use it with my TS-450S.
This headset has an electrec element, I know that I can het 8V from rig mic connector.
I cannot find schematics of this headset,
Any ideas how to connect it ???
Thanks in advance

Alberto
YV3EDO/6

[Non-text portions of this message have been removed]

11802. kenwood ps 52 power supply

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-11 00:13:53 UTC
From: n5tog
Topic: 11802 Message: 11802

Hello I have a ps 52 power supply that has not been run in 3 or so yrs. and under load just the receiver it shows 14.32 volts would that be the norm or should I check it, thanks, Harold n5tog

11803. Re: [TS-850_450_690] kenwood ps 52 power supply

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-11 00:19:52 UTC
From: Dave Rust
Topic: 11802 Message: 11803

Norm my PS430 has a VR to set the voltage. I set mine all at 13.8 no load. Seldom do I see under 13.68 under load. I doubt that 14 is too high. I used a digital volt meter to check mine, and sometimes I notice they don't all agree.
73
Dave W0DLR

[Non-text portions of this message have been removed]

11804. Re: [TS-850_450_690] Yamaha CM500 headset with TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-12 23:01:32 UTC
From: Mel Cruts
Topic: 11801 Message: 11804

Hi,
I see the item you need advertised for sale on Ebay:
http://www.ebay.com/itm/W2ENY-MIC-PTT-Adapter-fits-Yamaha-CM500-to-your-Kenwood-/350489006748?pt=US_Ham_Radio_Transceivers&hash=item519ac5d29c
73,
Mel - KF6OZ

On Wed, 2013-01-09 at 13:03 -0800, Alberto Rojas wrote:

>
>
> Hi group, recently I bought a headset yahama CM500 and I would like to
> use it with my TS-450S.
> This headset has an electrec element, I know that I can het 8V from
> rig mic connector.
> I cannot find schematics of this headset,
> Any ideas how to connect it ???
> Thanks in advance
>
> Alberto
> YV3EDO/6
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

11805. xggcomms.com rig interface and TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-15 03:05:42 UTC
From: Tom
Topic: 11805 Message: 11805

I just received the interface today. I installed it on my Win7 computer, connected it to the TS-850 fired up the rig and fired up HRD. Initially, the rig saw the interface and I could see the frequency. I started up the DX spot and saw a station I wanted to work. I clicked on it, the frequency display on HRD went blank and I lost communications with HRD. I quadruple checked the settings, played and adjusted the settings and even rebooted the PC. I still get a message saying that HRD is unable to read frequency, make sure the radio is turned on. Anyone have any advice. I've already sent an email to the guy who makes them, I'm just looking for a little extra help.

Tom, NW0LF

11806. Ant protection for TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-15 04:57:13 UTC
From: Tom Osborne
Topic: 11806 Message: 11806

Hi All

Where would be a good spot in the TS-450 to put a bulb, or back to back diodes in the receiver string to protect it from overload?

I blew out the front end of 2 radios here because of a goof up in a switching arrangement. P:ain to fix! 73 and thanks.

Tom W7WHY

11807. Re: [TS-850_450_690] xggcomms.com rig interface and TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-15 04:44:01 UTC
From: WB4CIW@...
Topic: 11805 Message: 11807

Hi Tom,
While I have an 850, I have not yet tried to run it with HRD. I do have
an 870 and had similar problems
to those that you have mentioned.
My initial problems revolved around getting the correct cable to run from
the radio to the port on the computer. Eventually I got the right cable.
Then it would not read the frequency and gave me a screen
with instructions to be sure that I had the Packet option turned off. I
wound up going into HRD and
setting up the com port according to the 870 manual, then I set the
software to choose its own settings
by sampling every combination of speed choice, and com port available. I
discovered that the battery
in my 870 was shot, and had to replace it as well. When I set the speed
for 192 and one stop bit, it
would not remember the setting and that caused a conflict. Once I had the
right cable, and changed the
battery, I brought up HRD and everything clicked. It took me three tries
going to The Micro Center, to
get the right cable.

Frank
WB4CIW

In a message dated 1/14/2013 8:44:43 P.M. Mountain Standard Time,
nw0lf@... writes:

I just received the interface today. I installed it on my Win7 computer,
connected it to the TS-850 fired up the rig and fired up HRD. Initially,
the rig saw the interface and I could see the frequency. I started up the
DX spot and saw a station I wanted to work. I clicked on it, the frequency
display on HRD went blank and I lost communications with HRD. I
quadruple checked the settings, played and adjusted the settings and even rebooted
the PC. I still get a message saying that HRD is unable to read frequency,
make sure the radio is turned on. Anyone have any advice. I've already
sent an email to the guy who makes them, I'm just looking for a little extra
help.

Tom, NW0LF

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11808. Re: [TS-850_450_690] Yamaha CM500 headset with TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-16 03:27:42 UTC
From: Alberto Rojas
Topic: 11801 Message: 11808

Thank you very much group for your valious replies
Very usefull info!

Alberto
Yv3edo/6

SENT from Yahoo! Mail in Android

[Non-text portions of this message have been removed]

11809. Hello to all.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-16 02:23:57 UTC
From: Cap.
Topic: 11809 Message: 11809

Thanks for being here i have got some good ideas from your files section I tried to upload a file called 450 690 service manual but didn't finish loading?? maybe some one knows why and how to get it to upload.is was a pdf. have a great day.73s Ward

11810. Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-20 17:49:52 UTC
From: k4zot
Topic: 11810 Message: 11810

As always, I need to turn to the group for help. I rearranged my wires behind my Ham desk and as usual I always seem to have a problem afterwards. I now have a constant tone on my signal when I transmit SSB that I hear through the monitor feature, but everything else seems perfectly normal. Tuning - OK, output - OK, checked all settings - OK. Disconnect antenna still get the tone. I disconnected the mic and still get a tone. My past issues usually seem to be RF feedback because I am on a second floor with grounding to the AC system and a wire to a rod in the ground. But, I do not hear any distortion on my signal through the monitor. I know it is something simple - but I can not find it.

Any advice would be appreciated.

Thanks,

K4ZOT

11811. Re: [TS-850_450_690] Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-20 19:00:17 UTC
From: Crownhaven
Topic: 11810 Message: 11811

Are you using a single point ground? Try that if you aren't. I'm on the second floor and I can move a wire two inches and introduce RF feedback into something. That sounds like what you might have going on. Good luck.

Steve, N4JQQ

On 1/20/2013 11:49 AM, k4zot wrote:
>
> As always, I need to turn to the group for help. I rearranged my wires
> behind my Ham desk and as usual I always seem to have a problem
> afterwards. I now have a constant tone on my signal when I transmit
> SSB that I hear through the monitor feature, but everything else seems
> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.
> Disconnect antenna still get the tone. I disconnected the mic and
> still get a tone. My past issues usually seem to be RF feedback
> because I am on a second floor with grounding to the AC system and a
> wire to a rod in the ground. But, I do not hear any distortion on my
> signal through the monitor. I know it is something simple - but I can
> not find it.
>
> Any advice would be appreciated.
>
> Thanks,
>
> K4ZOT
>
>

[Non-text portions of this message have been removed]

11812. Re: [TS-850_450_690] Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-20 19:08:51 UTC
From: Larry Banks
Topic: 11810 Message: 11812

It actually sounds more like 120 Hz power supply hum, especially if it's steady and low frequency. Perhaps a ground loop?

73 -- Larry -- W1DYJ

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 20, 2013 2:00 PM
Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S

Are you using a single point ground? Try that if you aren't. I'm on the second floor and I can move a wire two inches and introduce RF feedback into something. That sounds like what you might have going on. Good luck.

Steve, N4JQQ

On 1/20/2013 11:49 AM, k4zot wrote:
>
> As always, I need to turn to the group for help. I rearranged my wires
> behind my Ham desk and as usual I always seem to have a problem
> afterwards. I now have a constant tone on my signal when I transmit
> SSB that I hear through the monitor feature, but everything else seems
> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.
> Disconnect antenna still get the tone. I disconnected the mic and
> still get a tone. My past issues usually seem to be RF feedback
> because I am on a second floor with grounding to the AC system and a
> wire to a rod in the ground. But, I do not hear any distortion on my
> signal through the monitor. I know it is something simple - but I can
> not find it.
>
> Any advice would be appreciated.
>
> Thanks,
>
> K4ZOT
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11813. Re: [TS-850_450_690] Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-20 22:16:13 UTC
From: Paul Manuel
Topic: 11810 Message: 11813

Is it possible that the tone is the whine from a switching power supply being picked up through the adjacent wiring?

73 Paul K4PDM

Sent from my MOTOROLA ATRIX™ HD on AT&T

Crownhaven <crownhaven@...> wrote:

>Are you using a single point ground? Try that if you aren't. I'm on
>the second floor and I can move a wire two inches and introduce RF
>feedback into something. That sounds like what you might have going
>on. Good luck.
>
>Steve, N4JQQ
>
>
>On 1/20/2013 11:49 AM, k4zot wrote:
>>
>> As always, I need to turn to the group for help. I rearranged my wires
>> behind my Ham desk and as usual I always seem to have a problem
>> afterwards. I now have a constant tone on my signal when I transmit
>> SSB that I hear through the monitor feature, but everything else seems
>> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.
>> Disconnect antenna still get the tone. I disconnected the mic and
>> still get a tone. My past issues usually seem to be RF feedback
>> because I am on a second floor with grounding to the AC system and a
>> wire to a rod in the ground. But, I do not hear any distortion on my
>> signal through the monitor. I know it is something simple - but I can
>> not find it.
>>
>> Any advice would be appreciated.
>>
>> Thanks,
>>
>> K4ZOT
>>
>>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------

>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

11814. Re: Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-21 13:59:05 UTC
From: k4zot
Topic: 11810 Message: 11814

Thanks everyone for your help. I'm using the Kenwood PS-53 PS. I moved a few wires around in back of the radio and the tone is gone. It was a constant high pitch tone - very pure. I just would like to understand what it was.

Glenn

--- In TS-850_450_690@yahoogroups.com, Paul Manuel wrote:
>
> Is it possible that the tone is the whine from a switching power supply being picked up through the adjacent wiring?
>
> 73 Paul K4PDM
>
> Sent from my MOTOROLA ATRIXâ□¢ HD on AT&T
>
> Crownhaven wrote:
>
> >Are you using a single point ground? Try that if you aren't. I'm on
> >the second floor and I can move a wire two inches and introduce RF
> >feedback into something. That sounds like what you might have going
> >on. Good luck.
> >
> >Steve, N4JQQ
> >
> >
> >On 1/20/2013 11:49 AM, k4zot wrote:
> >>
> >> As always, I need to turn to the group for help. I rearranged my wires
> >> behind my Ham desk and as usual I always seem to have a problem
> >> afterwards. I now have a constant tone on my signal when I transmit
> >> SSB that I hear through the monitor feature, but everything else seems
> >> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.
> >> Disconnect antenna still get the tone. I disconnected the mic and
> >> still get a tone. My past issues usually seem to be RF feedback
> >> because I am on a second floor with grounding to the AC system and a
> >> wire to a rod in the ground. But, I do not hear any distortion on my
> >> signal through the monitor. I know it is something simple - but I can
> >> not find it.
> >>
> >> Any advice would be appreciated.
> >>
> >> Thanks,
> >>
> >> K4ZOT
> >>
> >>

> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >
> >----------
> >
> >THANKS FOR USING TS-850_450_690@...! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11815. Re: [TS-850_450_690] Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-21 10:58:35 UTC
From: Paul Manuel
Topic: 11810 Message: 11815

Can't give you the theory behind it but I've experienced a couple of Icom rigs with built-in switching supplies that did that. I had to sheild the PS wiring on one of my IC-751As because of that problem. I"ve never expenced it with an external power supply but see no reason it could not happen.

73, Paul K4PDM

From: Tom Waraksa <tjwaraksa@...>
To: "k4pdm@..." <k4pdm@...>
Sent: Sunday, January 20, 2013 8:47 PM
Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S

I am not sure, but I would think most switchers operate above the audio range.
73,
Tom -AF8P
Sent from Yahoo! Mail on Android

From: Paul Manuel <k4pdm@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S
Sent: Sun, Jan 20, 2013 10:16:13 PM

Is it possible that the tone is the whine from a switching power supply being picked up through the adjacent wiring?

73 Paul K4PDM

Sent from my MOTOROLA ATRIX™ HD on AT&T

Crownhaven crownhaven@...> wrote:

>Are you using a single point ground? Try that if you aren't. I'm on
>the second floor and I can move a wire two inches and introduce RF
>feedback into something. That sounds like what you might have going
>on. Good luck.
>
>Steve, N4JQQ
>
>
>On 1/20/2013 11:49 AM, k4zot wrote:
>>
>> As always, I need to turn to the group for help. I rearranged my wires
>> behind my Ham desk and as usual I always seem to have a problem
>> afterwards. I now have a constant tone on my signal when I transmit
>> SSB that I hear through the monitor feature, but everything else seems

>> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.
>> Disconnect antenna still get the tone. I disconnected the mic and
>> still get a tone. My past issues usually seem to be RF feedback
>> because I am on a second floor with grounding to the AC system and a
>> wire to a rod in the ground. But, I do not hear any distortion on my
>> signal through the monitor. I know it is something simple - but I can
>> not find it.
>>
>> Any advice would be appreciated.
>>
>> Thanks,
>>
>> K4ZOT
>>
>>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11816. Re: [TS-850_450_690] Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-21 17:16:25 UTC
From: Bob Naylor
Topic: 11810 Message: 11816

Is the tone an AC line freq?Bob WE6C

--- On Mon, 1/21/13, Paul Manuel <k4pdm@...> wrote:

From: Paul Manuel <k4pdm@...>
Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Monday, January 21, 2013, 2:58 AM

Can't give you the theory behind it but I've experienced a couple of Icom rigs with built-in switching supplies that did that. I had to sheild the PS wiring on one of my IC-751As because of that problem. I"ve never expenced it with an external power supply but see no reason it could not happen.

73, Paul K4PDM

From: Tom Waraksa tjwaraksa@...>

To: "k4pdm@..." k4pdm@...>

Sent: Sunday, January 20, 2013 8:47 PM

Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S

I am not sure, but I would think most switchers operate above the audio range.

73,

Tom -AF8P

Sent from Yahoo! Mail on Android

From: Paul Manuel k4pdm@...>;

To: TS-850_450_690@yahoogroups.com>;

Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S

Sent: Sun, Jan 20, 2013 10:16:13 PM

Is it possible that the tone is the whine from a switching power supply being picked up through the adjacent wiring?

73 Paul K4PDM

Sent from my MOTOROLA ATRIX™ HD on AT&T

Crownhaven crownhaven@...> wrote:

>Are you using a single point ground? Try that if you aren't. I'm on

>the second floor and I can move a wire two inches and introduce RF

>feedback into something. That sounds like what you might have going

>on. Good luck.

>

>Steve, N4JQQ

>

>

>On 1/20/2013 11:49 AM, k4zot wrote:

>>

>> As always, I need to turn to the group for help. I rearranged my wires

>> behind my Ham desk and as usual I always seem to have a problem

>> afterwards. I now have a constant tone on my signal when I transmit

>> SSB that I hear through the monitor feature, but everything else seems

>> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.

>> Disconnect antenna still get the tone. I disconnected the mic and

>> still get a tone. My past issues usually seem to be RF feedback

>> because I am on a second floor with grounding to the AC system and a

>> wire to a rod in the ground. But, I do not hear any distortion on my

>> signal through the monitor. I know it is something simple - but I can

>> not find it.

>>

>> Any advice would be appreciated.

>>

>> Thanks,

>>

>> K4ZOT

>>

>>

>

>

>

>[Non-text portions of this message have been removed]

>

>

>

>-----------------------------------

>

>THANKS FOR USING TS-850_450_690@...! Groups Links

>

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11817. Re: Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-22 13:50:50 UTC
From: k4zot
Topic: 11810 Message: 11817

The tone is a pure constant high frequency tone. It sounds like a calibration or spot tone.

Glenn

--- In TS-850_450_690@yahoogroups.com, Bob Naylor wrote:
>
> Is the tone an AC line freq?Bob WE6C
>
> --- On Mon, 1/21/13, Paul Manuel wrote:
>
> From: Paul Manuel
> Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S
> To: "TS-850_450_690@yahoogroups.com"
> Date: Monday, January 21, 2013, 2:58 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Can't give you the theory behind it but I've experienced a couple of Icom rigs with built-in switching supplies that did that. I had to sheild the PS wiring on one of my IC-751As because of that problem. I"ve never expenced it with an external power supply but see no reason it could not happen.
>

> Â
>
> 73, Paul K4PDM
>
>
>
> _____
>
> From: Tom Waraksa tjwaraksa@...>
>
> To: "k4pdm@..." k4pdm@...>
>
> Sent: Sunday, January 20, 2013 8:47 PM
>
> Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S
>
>
>
> I am not sure, but I would think most switchers operate above the audio range.
>
> 73,
>
> Tom -AF8P
>
> Sent from Yahoo! Mail on Android
>
>
>
> _____
>
> From: Paul Manuel k4pdm@...>;
>
> To: TS-850_450_690@yahoogroups.com>;
>
> Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S
>
> Sent: Sun, Jan 20, 2013 10:16:13 PM
>
>
>
> Â
>
> Is it possible that the tone is the whine from a switching power supply being picked up through the adjacent wiring?
>
>
>
> 73 Paul K4PDM
>
>

>
> Sent from my MOTOROLA ATRIXâ□¢ HD on AT&T
>
>
>
> Crownhaven crownhaven@...> wrote:
>
>
>
> >Are you using a single point ground? Try that if you aren't. I'm on
>
> >the second floor and I can move a wire two inches and introduce RF
>
> >feedback into something. That sounds like what you might have going
>
> >on. Good luck.
>
> >
>
> >Steve, N4JQQ
>
> >
>
> >
>
> >On 1/20/2013 11:49 AM, k4zot wrote:
>
> >>
>
> >> As always, I need to turn to the group for help. I rearranged my wires
>
> >> behind my Ham desk and as usual I always seem to have a problem
>
> >> afterwards. I now have a constant tone on my signal when I transmit
>
> >> SSB that I hear through the monitor feature, but everything else seems
>
> >> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.
>
> >> Disconnect antenna still get the tone. I disconnected the mic and
>
> >> still get a tone. My past issues usually seem to be RF feedback
>
> >> because I am on a second floor with grounding to the AC system and a
>
> >> wire to a rod in the ground. But, I do not hear any distortion on my
>
> >> signal through the monitor. I know it is something simple - but I can
>

> >> not find it.
>
> >>
>
> >> Any advice would be appreciated.
>
> >>
>
> >> Thanks,
>
> >>
>
> >> K4ZOT
>
> >>
>
> >>
>
> >
>
> >
>
> >
>
> >[Non-text portions of this message have been removed]
>
> >
>
> >
>
> >
>
> >----------
>
> >
>
> >THANKS FOR USING TS-850_450_690@...! Groups Links
>
> >
>
> >
>
> >
>
> >
>
>
>
> [Non-text portions of this message have been removed]
>
>

>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11818. Re: [TS-850_450_690] Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-22 22:52:38 UTC
From: Bob Naylor
Topic: 11810 Message: 11818

Loose connection? Just like can happen with your stereo connections.Bob WE6C

--- On Sun, 1/20/13, Larry Banks <larryb.w1dyj@...> wrote:

From: Larry Banks <larryb.w1dyj@...>
Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S
To: TS-850_450_690@yahoogroups.com
Date: Sunday, January 20, 2013, 11:08 AM

It actually sounds more like 120 Hz power supply hum, especially if it's steady and low frequency. Perhaps a ground loop?

73 -- Larry -- W1DYJ

----- Original Message -----

From: Crownhaven

To: TS-850_450_690@yahoogroups.com

Sent: Sunday, January 20, 2013 2:00 PM

Subject: Re: [TS-850_450_690] Tone on Transmit - TS850S

Are you using a single point ground? Try that if you aren't. I'm on

the second floor and I can move a wire two inches and introduce RF

feedback into something. That sounds like what you might have going

on. Good luck.

Steve, N4JQQ

On 1/20/2013 11:49 AM, k4zot wrote:

>

> As always, I need to turn to the group for help. I rearranged my wires

> behind my Ham desk and as usual I always seem to have a problem

> afterwards. I now have a constant tone on my signal when I transmit

> SSB that I hear through the monitor feature, but everything else seems

> perfectly normal. Tuning - OK, output - OK, checked all settings - OK.

> Disconnect antenna still get the tone. I disconnected the mic and

> still get a tone. My past issues usually seem to be RF feedback

> because I am on a second floor with grounding to the AC system and a

> wire to a rod in the ground. But, I do not hear any distortion on my

> signal through the monitor. I know it is something simple - but I can

> not find it.

>

> Any advice would be appreciated.

>

> Thanks,

>

> K4ZOT

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11819. ts-850s problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-22 17:57:10 UTC
From: bruce wood
Topic: 11819 Message: 11819

Hello all,
The other day I went to do cw on my ts 850s and for some reason I do not hear the cw in the speaker or head phones,I think it's called the "side tone oscillator" Also I noticed the monitor function no longer works,could these two problems be related?I have re-checked all the settings and all is ok,thanks for any help.
Bruce Wood...w1bru

[Non-text portions of this message have been removed]

11820. ALC on the 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-22 23:25:54 UTC
From: michaelrae65
Topic: 11820 Message: 11820

I once had the TS 450s and I could adjust the ALC level but try as I will I cannot seem to set the levels per band on the 690, the button shows the red line or swr or signal strenth but how do I adjust the ALC in fact do I need too, its been a while since I had a Kenwood. Mike

11821. Re: ALC on the 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-22 23:39:57 UTC
From: avvidclif
Topic: 11820 Message: 11821

It's all in the owners manual.

Clif

--- In TS-850_450_690@yahoogroups.com, "michaelrae65" wrote:
>
> I once had the TS 450s and I could adjust the ALC level but try as I will I cannot seem to set the levels per band on the 690, the button shows the red line or swr or signal strenth but how do I adjust the ALC in fact do I need too, its been a while since I had a Kenwood. Mike
>

11822. Re: [TS-850_450_690] Re: Tone on Transmit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-23 03:15:58 UTC
From: Tom Osborne
Topic: 11810 Message: 11822

Did you try turning the sidetone all the way down and see if it's that? 73
Tom W7WHY

The tone is a pure constant high frequency tone. It sounds like a
calibration or spot tone.

Glenn

11823. Switch Replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-23 15:37:52 UTC
From: Tom Waraksa
Topic: 11823 Message: 11823

Hello Team,

I have a TS-450SAT and the Memory Channel/VFO Change ("M.CH/VFO CH") switch has become intermittent. It sometimes goes up in freq when trying to tune done. Sometimes it does not work at all. And finally it regularly changes frequency by more than 10khz per step. Three questions:

1. It is repairable?

2. Any suggestions on where I can get a replacement?

3. How difficult is it to change?

Thanks very much for the help.

73,

Tom AF8P

[Non-text portions of this message have been removed]

11824. Re: ALC on the 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-23 06:19:06 UTC
From: michaelrae65
Topic: 11820 Message: 11824

Thanks Clif that was most helpful!!!!!

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
> It's all in the owners manual.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "michaelrae65" wrote:
> >
> > I once had the TS 450s and I could adjust the ALC level but try as I will I cannot seem to set the levels per band on the 690, the button shows the red line or swr or signal strenth but how do I adjust the ALC in fact do I need too, its been a while since I had a Kenwood. Mike
> >
>

11825. Tuner Gear Lube

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-23 21:57:57 UTC
From: Tom Waraksa
Topic: 11825 Message: 11825

The gears in my TS450SAT tuner are getting quite noisy. What would be a recommended gear lube for this application? Thanks,

Tom - AF8P

[Non-text portions of this message have been removed]

11827. Sideband selectivity

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-24 08:22:32 UTC
From: m6gbt
Topic: 11827 Message: 11827

Hi
Has anyone compared a TS850 or TS450 with an Icom 735?

The reason I am asking is to find out if the Kenwoods are working Ok

Both of my kenwoods have YK-88SN 1.8 Kz filters, the RX selectivity seems poor between USB and LSB with a few KCs of splatter. could it be down to filter setup?

My 735 although not as sensitive on RX, is a couple of s points lower, sounds better and has great selectivity with far less splatter

Thanks
Pete

11828. Re: Switch Replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-24 18:55:38 UTC
From: Rob
Topic: 11823 Message: 11828

Hi Tom

I had a similar problem with my TS-690 and have had it occurring for a couple of years. Over the Christmas break I decided to have a look at it. I managed to undo the nut holding the "switch" using a small long nose plier without having to take the front panel off. You need to take the top and bottom covers off to be able to flip the face forward to gain access to the "switch" to remove it. I pryed the tabs open on the switch itself and gave the printed contacts a good clean. It is now working as it should and does not skip anymore. You can try some switch cleaner but I have done this on two occasions before and soon it goes back to skipping channels again. Much better to clean it properly with a swab and some alcohol,
Good Luck.

73

Rob ZS5LA

--- In TS-850_450_690@yahoogroups.com, Tom Waraksa wrote:
>
> Hello Team,
>
> I have a TS-450SAT and the Memory Channel/VFO Change ("M.CH/VFO CH") switch has become intermittent. It sometimes goes up in freq when trying to tune done. Sometimes it does not work at all. And finally it regularly changes frequency by more than 10khz per step. Three questions:
>
> 1. It is repairable?
>
> 2. Any suggestions on where I can get a replacement?
>
> 3. How difficult is it to change?
>
> Thanks very much for the help.
>
> 73,
>
> Tom AF8P
>
> [Non-text portions of this message have been removed]
>

11829. Re: Tuner Gear Lube

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-24 23:14:34 UTC
From: Geoffrey Way
Topic: 11825 Message: 11829

If the gears are well away from any major electrical circuits you might try the following, but it could present electrical concerns of shorting if you have critical circuit elements nearby. Use this method sparingly.

Take a big fat carpenter's pencil, and carefully scribble on the gear teeth. Graphite is an excellent dry lubricant, and will last a very long time. But it is also a pretty good conductor.

You might not be hearing the gears so much as the axle bearings, so check out what's going on there, too. A tiny dab of lithium grease applied with a toothpick might be better on bearings. The same caution on conductivity apples.

Whatever you end up using, be sure to run the system back and forth a few times to spread the lubricant out evenly.

-- KA1IOR

"Style is a simple way of saying complicated things." --J. Cocteau

```
\ /
---\--/----
/
======
\ | | ---Tao. A chinese character that
-- |----| means "Way, Path."
/ |----|
\ |____|
/_________ Geoffrey Way
```

websites: http://www.cape-vision.com/wayg/mrep
http://www.cape-vision.com/wayg/ka1ior

11830. Re: ts-850s problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-24 23:23:03 UTC
From: geoffrey7b
Topic: 11819 Message: 11830

Bruce,

Your sidetone is not controlled by the "monitor" button unless the radio has been modified in some way. The sidetone level MIGHT be reduced to nil by adjusting a pot the is on the underside of your radio, and can be changed by use of a slender screwdriver of a small diameter, but a long-ish shaft.

With good lighting, a magnifier, and the right screwdriver, it can be found and adjusted without removing the cover by reaching thru the grating on the underside. Here's an older post with some background:

http://groups.yahoo.com/group/TS-850_450_690/message/1748

-KA1IOR

--- In TS-850_450_690@yahoogroups.com, bruce wood wrote:
>
>   Hello all,
> The other day I went to do cw on my ts 850s and for some reason I do not hear the cw in the speaker or head phones,I think it's called the "side tone oscillator" Also I noticed the monitor function no longer works,could these two problems be related?I have re-checked all the settings and all is ok,thanks for any help.
>   Bruce Wood...w1bru
>
> [Non-text portions of this message have been removed]
>

11831. Intermittent/High SWR on TS-540S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 00:07:21 UTC
From: Donald
Topic: 11831 Message: 11831

My TS-450S started behaving stangely recently. The SWR seems to be jumping around. Today, for instance, I put it in CW mode and tuned the output using my antenna tuner so that the SWR was 1:1 (14.070MHz). I then switched it to USB so I could run PSK31. The SWR immediately went off the scale. I switched back to CW mode and it was 1:1. When in USB mode it went back to high SWR. This does not happen all the time. Sometimes in USB mode it is OK, but most often it is not.

Any ideas as to what would cause this?

Don
K9GR

11832. 6 meter frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 03:48:07 UTC
From: Cap.
Topic: 11832 Message: 11832

I can't get the frequency 50mhz to come up on my readout does anybody have a kenwood ts690 who know how to get 6 meters on the display. I tried the key pad to no avail Thanks for looking.

11833. Re: [TS-850_450_690] Intermittent/High SWR on TS-540S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 05:59:35 UTC
From: Tom Osborne
Topic: 11831 Message: 11833

Hi Don

It may sound silly, but are you sure you weren't in split mode?

I've done that before on my '450 and end up transmitting on a different band
:-) 73
Tom W7WHY

My TS-450S started behaving stangely recently. The SWR seems to be jumping around. Today, for instance, I put it in CW mode and tuned the output using my antenna tuner so that the SWR was 1:1 (14.070MHz). I then switched it to USB so I could run PSK31. The SWR immediately went off the scale. I switched back to CW mode and it was 1:1. When in USB mode it went back to high SWR. This does not happen all the time. Sometimes in USB mode it is OK, but most often it is not.

Any ideas as to what would cause this?

Don
K9GR

11834. TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 12:44:05 UTC
From: telboy_vhs
Topic: 11834 Message: 11834

Hi Group,

Experiencing power tail off on frequencies above around 14Mhz.
1.8, 3.5, 7 Mhz all fine 100W o/p
As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.

Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.

Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.

Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.

Regards,
Terry G0VHS
-.-

11835. Re: [TS-850_450_690] Intermittent/High SWR on TS-540S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 16:09:36 UTC
From: Tom Waraksa
Topic: 11831 Message: 11835

Try running it into a dummy load going straight through without the tuner and see if it still happens. If not, then run it into the dummy load with the tuner and see if it happens. If not, then it could be your feedline/antenna.

73,

Tom AF8P

From: Donald <woelzd@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 25, 2013 7:07 PM
Subject: [TS-850_450_690] Intermittent/High SWR on TS-540S

My TS-450S started behaving stangely recently. The SWR seems to be jumping around. Today, for instance, I put it in CW mode and tuned the output using my antenna tuner so that the SWR was 1:1 (14.070MHz). I then switched it to USB so I could run PSK31. The SWR immediately went off the scale. I switched back to CW mode and it was 1:1. When in USB mode it went back to high SWR. This does not happen all the time. Sometimes in USB mode it is OK, but most often it is not.

Any ideas as to what would cause this?

Don
K9GR

[Non-text portions of this message have been removed]

11836. Re: 6 meter frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 09:12:10 UTC
From: michaelrae65
Topic: 11832 Message: 11836

Hi re TS 690. Are you trying ENTER as a direct freq input if so you must put in 00.0050 and then it should come up its all done with those zeros or do this go beyond 28.999 and the next click will get 50.000 use the up/down buttons and then the small 1-5-10 tuning step knob, sorry not very tech but I hope you get what I am saying - I am only a M class op. Mike.

--- In TS-850_450_690@yahoogroups.com, "Cap." wrote:
>
> I can't get the frequency 50mhz to come up on my readout does anybody
> have a kenwood ts690 who know how to get 6 meters on the display. I tried the key pad to no avail Thanks for looking.
>

11837. newbie with questions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 11:18:46 UTC
From: Ron
Topic: 11837 Message: 11837

Hi all,

I just purchased a nice looking TS-450Sat and have been reading the user and service manuals for a week now but still have some questions left.

The enter button seems not to be working and maybe there were some issues with it in the past but can not find info on the group. The audio quality in transmit is not very good as it has a narrow BW and more of a nasal tone to it. I suspect the radio needs an alignment for this. The mic level adjustment with is very critical and the radio makes only 50 Watts at maximun ALC allowed scale deflection. This is all done with the standard fist microphone and without processor activated. With pocessor on I get 60 Watts maximum output. My TS-480Sat gives me real 100 Watts with the same microphone and a better audio so I guess as a wrote before a good tuning seems needed.

I also like to pick-up a useable IF-out to feed a SDR so I can have a spectrum readout or get better signal detection. I like to use the TS-450 for digital mode operation. Does someone know where in the (RF board I can extract a decent IF signal? The 8.83 Mhz signal just after D39 seems to be possibility. I have seen the TS-850 has an IF-out on the back panel, but the TS-450 does not have this option.

73' Ron Liekens
ON2RON @ jo21ec

11838. Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 17:26:00 UTC
From: avvidclif
Topic: 11834 Message: 11838

Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.

Clif

--- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
>
> Hi Group,
>
> Experiencing power tail off on frequencies above around 14Mhz.
> 1.8, 3.5, 7 Mhz all fine 100W o/p
> As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
>
> Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
>
> Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
>
> Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
>
> Regards,
> Terry G0VHS
> -.-
>

11839. Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 17:45:08 UTC
From: kicky han
Topic: 11834 Message: 11839

I get asolutely no power on SSB,without turning (increase) the carier knob.Almost full power at carier knob fully turned clockwise. All caps on the carier unit PCB already replaced.Somebody knows about this symptom ? Thanks so much.....Kicky Han YB3RF,Java Indonesia.

[Non-text portions of this message have been removed]

11840. Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 18:09:39 UTC
From: avvidclif
Topic: 11834 Message: 11840

Unless your radio has been modified the Car Control will have no effect on SSB operation. The Power Control adjusts the power out in both CW and SSB. The Car Control adjusts the drive in CW, FM, etc modes.

Put the radio in CW mode and adjust the Power control to max. Start on 80m and adjust the Car control for full scale ALC. Then step up thru the bands and see if you can get full scale ALC reading on all bands by adjusting the Car Control.

Clif

--- In TS-850_450_690@yahoogroups.com, kicky han wrote:
>
> I get asolutely no power on SSB,without turning (increase) the carier knob.Almost full power at carier knob fully turned clockwise. All caps on the carier unit PCB already replaced.Somebody knows about this symptom ? Thanks so much.....Kicky Han YB3RF,Java Indonesia.
>
> [Non-text portions of this message have been removed]
>

11841. Re: [TS-850_450_690] Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 19:24:59 UTC
From: Telboy Yahoo
Topic: 11834 Message: 11841

Fully clockwise!
The control behaves proportionally as it should, only as the freq increases, the o/p drops.

Sent from my iPhone

On 26 Jan 2013, at 17:26, "avvidclif" <clif@...> wrote:

> Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> >
> > Hi Group,
> >
> > Experiencing power tail off on frequencies above around 14Mhz.
> > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> >
> > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> >
> > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
> >
> > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> >
> > Regards,
> > Terry G0VHS
> > -.-
> >
>
>

[Non-text portions of this message have been removed]

11842. Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 20:15:30 UTC
From: avvidclif
Topic: 11834 Message: 11842

One last question, What does the current drawn by the radio do when the power goes down. If it goes down then there is a lack of drive. If it goes up a relay in the filter unit could be stuck.

Clif

--- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
>
> Fully clockwise!
> The control behaves proportionally as it should, only as the freq increases, the o/p drops.
>
>
> Sent from my iPhone
>
> On 26 Jan 2013, at 17:26, "avvidclif" wrote:
>
> > Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> > >
> > > Hi Group,
> > >
> > > Experiencing power tail off on frequencies above around 14Mhz.
> > > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> > >
> > > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> > >
> > > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
> > >
> > > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> > >
> > > Regards,
> > > Terry G0VHS
> > > -.-

> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11843. Re: [TS-850_450_690] Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 21:15:12 UTC
From: Telboy Yahoo
Topic: 11834 Message: 11843

The radio draws 19 A @ 7 MHz - 100w
13A@18MHz 30w
4A @ 28MHz negligible RF out.

I have changed X51-3100-00 with another known good PCB. I believe I called this the RF board when in actual fact it's the filter/relay PCB. All relays activate upon band change with the exception of 18-21MHz and 28-29MHz change. I assume they share the same LCD ccts.

Interestingly there is NO attenuation of received sig gen carrier at any frequency - all appears fine in RX.

Regards,
Terry Simons
G0VHS

Sent from my iPhone

On 26 Jan 2013, at 20:15, "avvidclif" <clif@...> wrote:

> One last question, What does the current drawn by the radio do when the power goes down. If it goes down then there is a lack of drive. If it goes up a relay in the filter unit could be stuck.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> >
> > Fully clockwise!
> > The control behaves proportionally as it should, only as the freq increases, the o/p drops.
> >
> >
> > Sent from my iPhone
> >
> > On 26 Jan 2013, at 17:26, "avvidclif" wrote:
> >
> > > Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> > > >
> > > > Hi Group,
> > > >
> > > > Experiencing power tail off on frequencies above around 14Mhz.

> > > > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > > > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > > > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> > > >
> > > > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> > > >
> > > > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
> > > >
> > > > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> > > >
> > > > Regards,
> > > > Terry G0VHS
> > > > -.-
> > > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

11844. Re: 6 meter frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-26 22:54:23 UTC
From: Cap.
Topic: 11832 Message: 11844

Hi mike Well that make sense I'll try it now Thanks!!!

--- In TS-850_450_690@yahoogroups.com, "michaelrae65" wrote:
>
> Hi re TS 690. Are you trying ENTER as a direct freq input if so you must put in 00.0050 and then it should come up its all done with those zeros or do this go beyond 28.999 and the next click will get 50.000 use the up/down buttons and then the small 1-5-10 tuning step knob, sorry not very tech but I hope you get what I am saying - I am only a M class op. Mike.
>
> --- In TS-850_450_690@yahoogroups.com, "Cap." wrote:
> >
> > I can't get the frequency 50mhz to come up on my readout does anybody
> > have a kenwood ts690 who know how to get 6 meters on the display. I tried the key pad to no avail Thanks for looking.
> >
>

11845. Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-27 03:23:22 UTC
From: avvidclif
Topic: 11834 Message: 11845

Now that you have clarified the board you changed and it wasn't the RF Unit you have a shorted diode(s) on the RF Unit bandpass filters. Check the pins on the 74ls145 to determine which one(s). It also could be the 74ls145 itself.

Clif

--- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
>
> The radio draws 19 A @ 7 MHz - 100w
> 13A@18MHz 30w
> 4A @ 28MHz negligible RF out.
>
> I have changed X51-3100-00 with another known good PCB. I believe I called this the RF board when in actual fact it's the filter/relay PCB. All relays activate upon band change with the exception of 18-21MHz and 28-29MHz change. I assume they share the same LCD ccts.
>
> Interestingly there is NO attenuation of received sig gen carrier at any frequency - all appears fine in RX.
>
> Regards,
> Terry Simons
> G0VHS
>
>
> Sent from my iPhone
>
> On 26 Jan 2013, at 20:15, "avvidclif" wrote:
>
> > One last question, What does the current drawn by the radio do when the power goes down. If it goes down then there is a lack of drive. If it goes up a relay in the filter unit could be stuck.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > >
> > > Fully clockwise!
> > > The control behaves proportionally as it should, only as the freq increases, the o/p drops.
> > >
> > >
> > > Sent from my iPhone
> > >
> > > On 26 Jan 2013, at 17:26, "avvidclif" wrote:
> > >

> > > > Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> > > > >
> > > > > Hi Group,
> > > > >
> > > > > Experiencing power tail off on frequencies above around 14Mhz.
> > > > > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > > > > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > > > > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> > > > >
> > > > > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> > > > >
> > > > > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
> > > > >
> > > > > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> > > > >
> > > > > Regards,
> > > > > Terry G0VHS
> > > > > -.-
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> >
> >
> [Non-text portions of this message have been removed]
>

11846. Re: [TS-850_450_690] Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-27 11:04:39 UTC
From: Telboy Yahoo
Topic: 11834 Message: 11846

Thanks Clif,

That was my first port of call; changing the board with a known good one, which unfortunately had no effect.
I read that these BCD drivers are the weak link.

Voltages check out as I would expect, and are in sympathy with a good rig.

My thoughts are turning to further up the line or this discoloured surge diode, although I do not understand why the power tails off so gently. I guessed if the diode had gone o/c then there would be no RX?

Regards,
Terry Simons
G0VHS

Sent from my iPhone

On 27 Jan 2013, at 03:23, "avvidclif" <clif@...> wrote:

> Now that you have clarified the board you changed and it wasn't the RF Unit you have a shorted diode(s) on the RF Unit bandpass filters. Check the pins on the 74ls145 to determine which one(s). It also could be the 74ls145 itself.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> >
> > The radio draws 19 A @ 7 MHz - 100w
> > 13A@18MHz 30w
> > 4A @ 28MHz negligible RF out.
> >
> > I have changed X51-3100-00 with another known good PCB. I believe I called this the RF board when in actual fact it's the filter/relay PCB. All relays activate upon band change with the exception of 18-21MHz and 28-29MHz change. I assume they share the same LCD ccts.
> >
> > Interestingly there is NO attenuation of received sig gen carrier at any frequency - all appears fine in RX.
> >
> > Regards,
> > Terry Simons
> > G0VHS
> >
> >
> > Sent from my iPhone
> >
> > On 26 Jan 2013, at 20:15, "avvidclif" wrote:

> >
> > > One last question, What does the current drawn by the radio do when the power goes down. If it goes down then there is a lack of drive. If it goes up a relay in the filter unit could be stuck.
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > > >
> > > > Fully clockwise!
> > > > The control behaves proportionally as it should, only as the freq increases, the o/p drops.
> > > >
> > > >
> > > > Sent from my iPhone
> > > >
> > > > On 26 Jan 2013, at 17:26, "avvidclif" wrote:
> > > >
> > > > > Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> > > > > >
> > > > > > Hi Group,
> > > > > >
> > > > > > Experiencing power tail off on frequencies above around 14Mhz.
> > > > > > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > > > > > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > > > > > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> > > > > >
> > > > > > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> > > > > >
> > > > > > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
> > > > > >
> > > > > > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> > > > > >
> > > > > > Regards,
> > > > > > Terry G0VHS
> > > > > > -.-
> > > > > >
> > > > >
> > > > >
> > > >
> > >

> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

11847. Re: 6 meter frequency - Cap Your very welcome.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-27 05:35:55 UTC
From: michaelrae65
Topic: 11847 Message: 11847

Your Welcome re 6m input, let me know if that works also note the other so259 on the back for txing on 6, its all done by zeros. Mike.

--- In TS-850_450_690@yahoogroups.com, "Cap." wrote:
>
> Hi mike Well that make sense I'll try it now Thanks!!!
>
> --- In TS-850_450_690@yahoogroups.com, "michaelrae65" wrote:
> >
> > Hi re TS 690. Are you trying ENTER as a direct freq input if so you must put in 00.0050 and then it should come up its all done with those zeros or do this go beyond 28.999 and the next click will get 50.000 use the up/down buttons and then the small 1-5-10 tuning step knob, sorry not very tech but I hope you get what I am saying - I am only a M class op. Mike.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Cap." wrote:
> > >
> > > I can't get the frequency 50mhz to come up on my readout does anybody
> > > have a kenwood ts690 who know how to get 6 meters on the display. I tried the key pad to no avail Thanks for looking.
> > >
> >
>

11848. Re: [TS-850_450_690] Re: 6 meter frequency - Cap Your very welcome.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-27 16:51:34 UTC
From: <captainleeward@...>
Topic: 11847 Message: 11848

You were right it works its alive yah yah Thanks Mike.
---- michaelrae65 <michaelrae65@...> wrote:
>
> Your Welcome re 6m input, let me know if that works also note the other so259 on the back for txing on 6, its all done by zeros. Mike.
>

11849. Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-27 18:42:43 UTC
From: avvidclif
Topic: 11834 Message: 11849

On the RF Unit, X44-3120 (bottom left board). Locate IC1, 74LS145.
Put the radio on 20m and measure the voltage on each pin. What is it?

What is the SWR reading on each band as you go up in frequency?

Clif

--- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
>
> Thanks Clif,
>
> That was my first port of call; changing the board with a known good one, which unfortunately had no effect.
> I read that these BCD drivers are the weak link.
>
> Voltages check out as I would expect, and are in sympathy with a good rig.
>
> My thoughts are turning to further up the line or this discoloured surge diode, although I do not understand why the power tails off so gently. I guessed if the diode had gone o/c then there would be no RX?
>
> Regards,
> Terry Simons
> G0VHS
>
>
> Sent from my iPhone
>
> On 27 Jan 2013, at 03:23, "avvidclif" wrote:
>
> > Now that you have clarified the board you changed and it wasn't the RF Unit you have a shorted diode(s) on the RF Unit bandpass filters. Check the pins on the 74ls145 to determine which one(s). It also could be the 74ls145 itself.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > >
> > > The radio draws 19 A @ 7 MHz - 100w
> > > 13A@18MHz 30w
> > > 4A @ 28MHz negligible RF out.
> > >
> > > I have changed X51-3100-00 with another known good PCB. I believe I called this the RF board when in actual fact it's the filter/relay PCB. All relays activate upon band change with the exception of 18-21MHz and 28-29MHz change. I assume they share the same LCD ccts.

> > >
> > > Interestingly there is NO attenuation of received sig gen carrier at any frequency - all appears fine in RX.
> > >
> > > Regards,
> > > Terry Simons
> > > G0VHS
> > >
> > >
> > > Sent from my iPhone
> > >
> > > On 26 Jan 2013, at 20:15, "avvidclif" wrote:
> > >
> > > > One last question, What does the current drawn by the radio do when the power goes down. If it goes down then there is a lack of drive. If it goes up a relay in the filter unit could be stuck.
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > > > >
> > > > > Fully clockwise!
> > > > > The control behaves proportionally as it should, only as the freq increases, the o/p drops.
> > > > >
> > > > >
> > > > > Sent from my iPhone
> > > > >
> > > > > On 26 Jan 2013, at 17:26, "avvidclif" wrote:
> > > > >
> > > > > > Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
> > > > > >
> > > > > > Clif
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> > > > > > >
> > > > > > > Hi Group,
> > > > > > >
> > > > > > > Experiencing power tail off on frequencies above around 14Mhz.
> > > > > > > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > > > > > > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > > > > > > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> > > > > > >
> > > > > > > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> > > > > > >
> > > > > > > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to

another 850 that I have hear.
> > > > > > >
> > > > > > > > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> > > > > > > >
> > > > > > > > Regards,
> > > > > > > > Terry G0VHS
> > > > > > > > -.-
> > > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> >
> [Non-text portions of this message have been removed]
>

11850. Selling my beloved 850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-28 02:15:48 UTC
From: nm9p
Topic: 11850 Message: 11850

Alas, it has been a great love affair since 1993, but my trusty one-owner 850SAT has to go to make room for a new FLEX-1500 that I got for Christmas and a FLEX-6500 that is on the way (as soon as they ship).

It is serial number 50 Million series and has the 250 Hz 8.83 Mhz IF CW Filter and the 500 Hz 455 Khz CW Filter. (I don't remember the part numbers right now.)

Here is my question for those of you who have sold or purchased these units used lately: Would I be better off separating the CW filters and selling them separately or trying to get a good price out of the rig all together?

I have never posted anything on Ebay before, so I may try other venues before it goes on Ebay.

Wish me luck.

Ken - NM9P

11851. Re: [TS-850_450_690] Re: TS-850 Power reduction.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-28 09:27:57 UTC
From: Telboy Yahoo
Topic: 11834 Message: 11851

So I was checking the 145 up on the filter board.... Wrong IC?
Oh we'll I'll check it soon. Thanks for the pointer.

Just had a darn cataract op and I can't focus on a thing at the mo unfortunately. :(

Regards,
Terry Simons
G0VHS

Sent from my iPhone

On 27 Jan 2013, at 18:42, "avvidclif" <clif@avvid.com> wrote:

> On the RF Unit, X44-3120 (bottom left board). Locate IC1, 74LS145.
> Put the radio on 20m and measure the voltage on each pin. What is it?
>
> What is the SWR reading on each band as you go up in frequency?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> >
> > Thanks Clif,
> >
> > That was my first port of call; changing the board with a known good one, which unfortunately had no effect.
> > I read that these BCD drivers are the weak link.
> >
> > Voltages check out as I would expect, and are in sympathy with a good rig.
> >
> > My thoughts are turning to further up the line or this discoloured surge diode, although I do not understand why the power tails off so gently. I guessed if the diode had gone o/c then there would be no RX?
> >
> > Regards,
> > Terry Simons
> > G0VHS
> >
> >
> > Sent from my iPhone
> >
> > On 27 Jan 2013, at 03:23, "avvidclif" wrote:
> >
> > > Now that you have clarified the board you changed and it wasn't the RF Unit you have a shorted diode(s) on the RF Unit bandpass filters. Check the pins on the 74ls145 to determine which one(s). It also could be the 74ls145 itself.

> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > > >
> > > > The radio draws 19 A @ 7 MHz - 100w
> > > > 13A@18MHz 30w
> > > > 4A @ 28MHz negligible RF out.
> > > >
> > > > I have changed X51-3100-00 with another known good PCB. I believe I called this the RF board when in actual fact it's the filter/relay PCB. All relays activate upon band change with the exception of 18-21MHz and 28-29MHz change. I assume they share the same LCD ccts.
> > > >
> > > > Interestingly there is NO attenuation of received sig gen carrier at any frequency - all appears fine in RX.
> > > >
> > > > Regards,
> > > > Terry Simons
> > > > G0VHS
> > > >
> > > >
> > > > Sent from my iPhone
> > > >
> > > > On 26 Jan 2013, at 20:15, "avvidclif" wrote:
> > > >
> > > > > One last question, What does the current drawn by the radio do when the power goes down. If it goes down then there is a lack of drive. If it goes up a relay in the filter unit could be stuck.
> > > > >
> > > > > Clif
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > > > > >
> > > > > > Fully clockwise!
> > > > > > The control behaves proportionally as it should, only as the freq increases, the o/p drops.
> > > > > >
> > > > > >
> > > > > > Sent from my iPhone
> > > > > >
> > > > > > On 26 Jan 2013, at 17:26, "avvidclif" wrote:
> > > > > >
> > > > > > > Where is the Car Control set. It's normal to have to use more drive on the higher frequencies.
> > > > > > >
> > > > > > > Clif
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" wrote:
> > > > > > > >

> > > > > > > > Hi Group,
> > > > > > > >
> > > > > > > > Experiencing power tail off on frequencies above around 14Mhz.
> > > > > > > > 1.8, 3.5, 7 Mhz all fine 100W o/p
> > > > > > > > As one tunes the dial up, the power/car drops to near enough 0W at 29Mhz.
> > > > > > > > Easy things checked: Impedance of dummy load, DSP-100 disconnected, Menu reset, checked most coaxial interconnecting leads on CAR boards etc.
> > > > > > > >
> > > > > > > > Swapped the RF board (with a known good one) out in case it was the switching 74LS145IC had stopped functioning, no change.
> > > > > > > >
> > > > > > > > Upon close inspection, all looks, smells and feels fine. The only thing that I do note is that D16 (Protective fuse on ant I/P) looks a bit discoloured compared to another 850 that I have hear.
> > > > > > > >
> > > > > > > > Reluctant to start desoldering this if it is not the cause, and wondered oif any of you good folk may know of anything that I have missed.
> > > > > > > >
> > > > > > > > Regards,
> > > > > > > > Terry G0VHS
> > > > > > > > -.-
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

11852. Re: Selling my beloved 850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-28 09:00:15 UTC
From: radio_ozu
Topic: 11850 Message: 11852

I have same problem with a TS450SAT. I guess I will sell separate the AT and each filter. probably 100USD each, but no one would pay 300USD extra for the radio with extras

I guess you get more money selling separate.

I bought so the 1.8kHz SSB filter.

11853. display (glas) TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-29 06:28:56 UTC
From: pa1t@...
Topic: 11853 Message: 11853

Hi all

I have a TS850 and if I look to the figures of the display then is see incompleet letters.
I have had the radio for repair, The repair folks say it is not in the leds it self and not in the c's or ic's on the board but in the glass of the dsiplay. This should have lines and the are gone...?
Have you ever heard of that? I can now buy a front from a TS850 with the glass plate. Will that solve the problem?

Tanks for your time.

73 Timon PA1T

11854. Re: [TS-850_450_690] display (glas) TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-29 13:34:31 UTC
From: Dave Rust
Topic: 11853 Message: 11854

Timon I replaced that whole board one time on an 850s. That cured the problem, but like all older radios I soon had something else pop up. As long as there are parts out there from a donor radio you can keep them going. They are an excellent radio. I just resurrected a TS450sat and it is a fine radio. It took a board from a donor radio to do it though.
73 and good luck from Dave W0DLR in SW Missouri

[Non-text portions of this message have been removed]

11857. Contact List Compromised

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-29 18:09:10 UTC
From: Tom Waraksa
Topic: 11857 Message: 11857

Just a note to let you know that my contact list has been compromised. Please delete any emails from me that do not have a relevant ham radio subject line.

Working to clean things up now. Sorry for the inconvenience.

73,

Tom - AF8P

[Non-text portions of this message have been removed]

11858. Re: [TS-850_450_690] Contact List Compromised

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-29 18:49:43 UTC
From: Crownhaven
Topic: 11857 Message: 11858

Just change your PW and you should be set. Everyone is dealing with
this same issue.

Steve, N4JQQ

On 1/29/2013 12:09 PM, Tom Waraksa wrote:
>
> Just a note to let you know that my contact list has been compromised.
> Please delete any emails from me that do not have a relevant ham
> radio subject line.
>
> Working to clean things up now. Sorry for the inconvenience.
>
> 73,
>
> Tom - AF8P
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11859. Re: [TS-850_450_690] Contact List Compromised

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-29 18:49:26 UTC
From: Trent Fleming
Topic: 11857 Message: 11859

Happens to the best of us, Tom. Frustrating that the hackers/spammers just never stop chasing us.

Trent

Sent from my iPhone

On Jan 29, 2013, at 11:09 AM, Tom Waraksa <tjwaraksa@...> wrote:

> Just a note to let you know that my contact list has been compromised. Please delete any emails from me that do not have a relevant ham radio subject line.
>
> Working to clean things up now. Sorry for the inconvenience.
>
> 73,
>
> Tom - AF8P
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11861. Re: Intermittent/High SWR on TS-540S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-30 05:52:23 UTC
From: radio_ozu
Topic: 11831 Message: 11861

I have had a similar problem with a FT-ONE. The toroid that measures SWR and power was glued with some yellow compound that become brown and conductive where it touched the central conductor of the toroid. So some power was passing by conduction instead of by induction to the SWR meter, causing the radio to cut sharp any power out. I had to rewind the toroid.

I have uploaded some photos about it.

In other case with a Butternut antenna 30 years old, the central fiberglass isolator had beed damaged by sunshine, losing capability to isolate. With low power up to a few Watt it was OK, but when over 20W become conductive and SWR went up. This only happened in the low bands. 20, 15 and 10m were OK as in these bands the fiberglass isolator is not online.

Luck EA1FC

11862. RE: [TS-850_450_690] display (glas) TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-30 09:17:22 UTC
From: Timon Kruijer
Topic: 11853 Message: 11862

Hi I do not have a board hi.

But it seems that the problem is in the window in front panel.

Did anyone heard that before?

In the window should be some lines in graved and the should now be gone..

73 Timon PA1T

Van: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Namens Dave Rust
Verzonden: dinsdag 29 januari 2013 14:35
Aan: TS-850_450_690@yahoogroups.com
Onderwerp: Re: [TS-850_450_690] display (glas) TS850

Timon I replaced that whole board one time on an 850s. That cured the
problem, but like all older radios I soon had something else pop up. As long
as there are parts out there from a donor radio you can keep them going.
They are an excellent radio. I just resurrected a TS450sat and it is a fine
radio. It took a board from a donor radio to do it though.
73 and good luck from Dave W0DLR in SW Missouri

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11863. Re: display (glas) TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-30 15:43:01 UTC
From: avvidclif
Topic: 11853 Message: 11863

There are no engraved lines in the glass or front panel glass.

Clif

--- In TS-850_450_690@yahoogroups.com, "Timon Kruijer" wrote:
>
> Hi I do not have a board hi.
>
> But it seems that the problem is in the window in front panel.
>
> Did anyone heard that before?
>
> In the window should be some lines in graved and the should now be gone..
>
>
>
> 73 Timon PA1T
>
>
>
> Van: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> Namens Dave Rust
> Verzonden: dinsdag 29 januari 2013 14:35
> Aan: TS-850_450_690@yahoogroups.com
> Onderwerp: Re: [TS-850_450_690] display (glas) TS850
>
>
>
>
>
>
> Timon I replaced that whole board one time on an 850s. That cured the
> problem, but like all older radios I soon had something else pop up. As long
> as there are parts out there from a donor radio you can keep them going.
> They are an excellent radio. I just resurrected a TS450sat and it is a fine
> radio. It took a board from a donor radio to do it though.
> 73 and good luck from Dave W0DLR in SW Missouri
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11864. TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-01-31 23:04:34 UTC
From: Steve Wilson
Topic: 11864 Message: 11864

I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?

Thanks, Steve

11865. Re: [TS-850_450_690] TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 01:06:50 UTC
From: Bob Naylor
Topic: 11864 Message: 11865

Try it into a dummy load. An antenna that's not up could have an SWR/impedance that is too far off for an auto tuner to tune. Just a thought.Bob WE6C

--- On Thu, 1/31/13, Steve Wilson <steve_wilson@...> wrote:

From: Steve Wilson <steve_wilson@...>
Subject: [TS-850_450_690] TS-450S auto tuner not working
To: TS-850_450_690@yahoogroups.com
Date: Thursday, January 31, 2013, 3:04 PM

I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?

Thanks, Steve

[Non-text portions of this message have been removed]

11866. Re: [TS-850_450_690] TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 10:48:44 UTC
From: Telboy Yahoo
Topic: 11864 Message: 11866

Make sure that you have enough drive power so that the ATU can resolve any mismatch.
If the power level is too low, the tuner will 'hunt' and time out eventually.

Regards,
Terry Simons
G0VHS

Sent from my iPhone

On 31 Jan 2013, at 23:04, "Steve Wilson" <steve_wilson@...> wrote:

> I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
>
> Thanks, Steve
>
>

[Non-text portions of this message have been removed]

11867. TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 11:57:57 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11867

Hi all,

I am dealing with a TS-450 which does not properly works in AUTO TUNE mode. What happens is curious at least: when you press the AUTO/THRU button, AT TUNE lights and tuner motors begin to move. But the rig is not switched to TX!. So, of course, tuning does not work.

I have checked internal menu options and are OK.

I wonder if someone has had a similar problem.

Thanks for your help!

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11868. Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 14:10:05 UTC
From: Mel Cruts
Topic: 11867 Message: 11868

Hi,
A kenwood will fail to tune properly if you have the "CAR" control backed
off too much. I've had that
one bite me before. :-(
73,
Mel - KF6OZ

[Non-text portions of this message have been removed]

11869. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 15:43:00 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11869

Hello Mel,

> A kenwood will fail to tune properly if you have the "CAR" control
> backed off too much. I've had that one bite me before. :-(73, Mel -
> KF6OZ

No, that is not the case. The rig is NOT on TX, but remains on RX while AT TUNE is lighted and trying to tune (but it is on RX!), so this is a hardware problem.

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11870. Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 17:56:46 UTC
From: avvidclif
Topic: 11867 Message: 11870

It's working properly. When the Auto Thru button is pushed it goes back to the last setting on that band, no matter where you are on the band now. It may have stored bad data which keeps it from going back. I would reset the processor which clears all the AT band data.

Clif

--- In TS-850_450_690@yahoogroups.com, "Jose V. Gavila" wrote:
>
> Hello Mel,
>
> > A kenwood will fail to tune properly if you have the "CAR" control
> > backed off too much. I've had that one bite me before. :-(73, Mel -
> > KF6OZ
>
> No, that is not the case. The rig is NOT on TX, but remains on RX while
> AT TUNE is lighted and trying to tune (but it is on RX!), so this is a
> hardware problem.
>
> Regards,
>
> JOSE
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> http://agvradio.com AGVradio
> http://jvgavila.com Personal WEB
>

11871. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 18:26:48 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11871

Hi Clif,

> It's working properly. When the Auto Thru button is pushed it goes
> back to the last setting on that band, no matter where you are on the
> band now. It may have stored bad data which keeps it from going back.
> I would reset the processor which clears all the AT band data.

I know you are an expert on these rigs but, trust me, it is NOT working properly :-). I think I have not explained it clearly enough. Let's try again:

Even after a RESET, if you press AUTO, it NEVER gets on TX. Never. It keeps moving up and down the motors for a while and then stops. But, as there is no transmission, it is of course not properly tuned.

I understand the tuner memory question you comment, but this is not the case.

I have read the Service Manual description of the AT UNIT operation and I think the cause could be that the system is not able to read properly the VC101 and VC102 positions, as it states (page 27) that "If variable capacitors VC101 and VC102 are not at their preset positions, they are set to these positions, and AT TUNE operation and actual transmision start after the presetting ends". So the key for me is on that sentence. I would say that the unit hunts for the presetting positions but something is not working OK on the position feedback.

BTW, I have a TS-450AT which works properly, so I know this one is acting up :-)

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11872. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 18:35:22 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11872

Hi again,

Clif, don't kill me, please... I have taken my 'good' TS-450 from storage... and it does not work as I thought it did :-O

I was confused with the TS-850 and, yes, had not noticed the sepparate (on the keypad) AT TUNE key :-D and expected only the AUTO / THRU button did everything.

I am sorry!. I have too many rigs and work on even more. I hope that serves as an excuse ;-)

Best regards and sorry for the wasted bandwidth...

Regards,

JOSE

El 01/02/2013 18:56, avvidclif escribi?:
> It's working properly. When the Auto Thru button is pushed it goes
> back to the last setting on that band, no matter where you are on the
> band now. It may have stored bad data which keeps it from going back.
> I would reset the processor which clears all the AT band data.
>
> Clif

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11873. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 18:47:46 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11873

Hi again,

This time I have a _real_ problem ;-)

Yes, if I press the AUTO/THRU button, unit gets back to the last settings. But that process takes, sometimes, too much time. Motors are going up and down for several seconds (up to about 20 or so). Finally, AT TUNE lights off and then I can press AT TUNE button to find a new auto-tune position.

I have checked on both units, mine and the one I am working on, and the time is lots shorter on my unit than on the other one. So it seems there is some problem for the unit in reading the positioning pots for the variable caps. I will check the signals with the oscilloscope.

Well, all in all, there IS a fault ;-), even if the first one was operator's error :-D

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11874. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 18:49:35 UTC
From: Dave Rust
Topic: 11867 Message: 11874

Jose I'm proud of you. It takes a good man to say "I goofed".
I'm sure Cliff will understand.
73
Dave W0DLR

[Non-text portions of this message have been removed]

11875. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 18:57:44 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11875

And, to end this saga, the culprits are the positioning pots... as someone decided they would work better IF FULL OF OIL :-(!!!

They, as all the tuner assemply, have plenty of oil all around.

I have cleaned externally and then sprayed them with contact cleaner and now they work lots better, even if not as fine as my unit.

I hope this could help to other people in the future!

And, remember, DON'T use oil IN the pots nor on the nylon gears.

Best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11876. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 19:01:17 UTC
From: Telboy Yahoo
Topic: 11867 Message: 11876

Wash them out with isopropyl alc.

Regards,
Terry Simons
G0VHS

Sent from my iPhone

On 1 Feb 2013, at 18:57, "Jose V. Gavila" <eb5agv@...> wrote:

> And, to end this saga, the culprits are the positioning pots... as
> someone decided they would work better IF FULL OF OIL :-(!!!
>
> They, as all the tuner assemply, have plenty of oil all around.
>
> I have cleaned externally and then sprayed them with contact cleaner and
> now they work lots better, even if not as fine as my unit.
>
> I hope this could help to other people in the future!
>
> And, remember, DON'T use oil IN the pots nor on the nylon gears.
>
> Best regards,
>
> JOSE
>
> --
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
> http://agvradio.com AGVradio
> http://jvgavila.com Personal WEB
>

[Non-text portions of this message have been removed]

11877. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-01 19:10:30 UTC
From: Bob Naylor
Topic: 11867 Message: 11877

Jose, Clif, Glad you got it solved but I do have another comment. Do you guys think if the back up battery is weak, it could keep the AT tuner from storing memory so tuning will take longer?Bob WE6C

--- On Fri, 2/1/13, Jose V. Gavila <eb5agv@...> wrote:

From: Jose V. Gavila <eb5agv@amsat.org>
Subject: Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction
To: TS-850_450_690@yahoogroups.com
Date: Friday, February 1, 2013, 10:57 AM

And, to end this saga, the culprits are the positioning pots... as

someone decided they would work better IF FULL OF OIL :-(!!!

They, as all the tuner assemply, have plenty of oil all around.

I have cleaned externally and then sprayed them with contact cleaner and

now they work lots better, even if not as fine as my unit.

I hope this could help to other people in the future!

And, remember, DON'T use oil IN the pots nor on the nylon gears.

Best regards,

JOSE

--

73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)

http://agvradio.com AGVradio

http://jvgavila.com Personal WEB

[Non-text portions of this message have been removed]

11878. Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 03:32:53 UTC
From: avvidclif
Topic: 11867 Message: 11878

If there was other data loss it could be the battery but for the battery to cause bad tuner data on a consistent basis, I doubt it.

Jose, I had a 940 that someone had floated the tuner in motor oil I think. I couldn't figure out why one time it would work and not the next until I broke down and opened it up. Amazing what a good cleaning will do.

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor wrote:
>
> Jose, Clif, Glad you got it solved but I do have another comment. Do you guys think if the back up battery is weak, it could keep the AT tuner from storing memory so tuning will take longer?Bob Â WE6C
>
> --- On Fri, 2/1/13, Jose V. Gavila wrote:
>
> From: Jose V. Gavila
> Subject: Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction
> To: TS-850_450_690@yahoogroups.com
> Date: Friday, February 1, 2013, 10:57 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>

>
> And, to end this saga, the culprits are the positioning pots... as
>
> someone decided they would work better IF FULL OF OIL :-(!!!
>
>
>
> They, as all the tuner assemply, have plenty of oil all around.
>
>
>
> I have cleaned externally and then sprayed them with contact cleaner and
>
> now they work lots better, even if not as fine as my unit.
>
>
>
> I hope this could help to other people in the future!
>
>
>
> And, remember, DON'T use oil IN the pots nor on the nylon gears.
>
>
>
> Best regards,
>
>
>
> JOSE
>
>
>
> --
>
> 73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
>
> http://agvradio.com AGVradio
>
> http://jvgavila.com Personal WEB
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11879. Re: [TS-850_450_690] Re: TS-450S AUTO TUNER malfunction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 08:27:44 UTC
From: Jose V. Gavila
Topic: 11867 Message: 11879

Hi Clif,

> Jose, I had a 940 that someone had floated the tuner in motor oil I
> think. I couldn't figure out why one time it would work and not the
> next until I broke down and opened it up. Amazing what a good
> cleaning will do.

Yes, it has been my same experience with this unit. Once I put enough cleaner to dissolve the oil inside the pots, it takes just from 0 to about 3 seconds maximum to reach the preset position.

I checked before and even made a video, which was stopped after more than 40 seconds of tuner hunting for preset position on 18MHz!

Thanks again for your help!

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11880. Main tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 04:38:28 UTC
From: Cap.
Topic: 11880 Message: 11880

Has anybody taken off the main tuning knob on a 450/690 I can't get it off. looks like a allen wrench but can't find one to work help.

11881. Re: [TS-850_450_690] Main tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 16:16:03 UTC
From: John tf
Topic: 11880 Message: 11881

Do you have both standard & metric allen wrenches ?

On Fri, Feb 1, 2013 at 10:38 PM, Cap. <captainleeward@...> wrote:

> **
>
>
> Has anybody taken off the main tuning knob on a 450/690 I can't get it off.
> looks like a allen wrench but can't find one to work help.
>
>
>

[Non-text portions of this message have been removed]

11882. Re: Main tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 17:16:58 UTC
From: avvidclif
Topic: 11880 Message: 11882

1.5mm allen

Clif

--- In TS-850_450_690@yahoogroups.com, "Cap." wrote:
>
> Has anybody taken off the main tuning knob on a 450/690 I can't get it off.
> looks like a allen wrench but can't find one to work help.
>

11883. Re: Main tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 17:37:45 UTC
From: Cap.
Topic: 11880 Message: 11883

THANKS CLIF

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
> 1.5mm allen
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Cap." wrote:
> >
> > Has anybody taken off the main tuning knob on a 450/690 I can't get it off.
> > looks like a allen wrench but can't find one to work help.
> >
>

11884. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-02 23:25:47 UTC
From: Steve Wilson
Topic: 11864 Message: 11884

Same symptoms with the dummy load. Did a reset, for grins, but not change.

Steve
KG6HJU

--- In TS-850_450_690@yahoogroups.com, Bob Naylor wrote:
>
> Try it into a dummy load. An antenna that's not up could have an SWR/impedance that is too far off for an auto tuner to tune. Just a thought.Bob Â WE6C
>
> --- On Thu, 1/31/13, Steve Wilson wrote:
>
> From: Steve Wilson
> Subject: [TS-850_450_690] TS-450S auto tuner not working
> To: TS-850_450_690@yahoogroups.com
> Date: Thursday, January 31, 2013, 3:04 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a

problem with the radio/auto-tuner?
>
>
>
> Thanks, Steve
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11885. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 05:18:52 UTC
From: avvidclif
Topic: 11864 Message: 11885

You push the Auto/Thru button and after the yellow tune light goes out then push the AT Tune button to tune and describe what happens next?

Clif

--- In TS-850_450_690@yahoogroups.com, "Steve Wilson" wrote:
>
> Same symptoms with the dummy load. Did a reset, for grins, but not change.
>
> Steve
> KG6HJU
>
> --- In TS-850_450_690@yahoogroups.com, Bob Naylor wrote:
> >
> > Try it into a dummy load. An antenna that's not up could have an SWR/impedance that is too far off for an auto tuner to tune. Just a thought.Bob Â WE6C
> >
> > --- On Thu, 1/31/13, Steve Wilson wrote:
> >
> > From: Steve Wilson
> > Subject: [TS-850_450_690] TS-450S auto tuner not working
> > To: TS-850_450_690@yahoogroups.com
> > Date: Thursday, January 31, 2013, 3:04 PM
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > Â
> >
> >
> >
> >
> >

> >
> >
> >
> >
> > I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
> >
> >
> >
> > Thanks, Steve
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11886. Kenwood fist microphone. Sale.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 07:07:16 UTC
From: michaelrae65
Topic: 11886 Message: 11886

If anyone is interested I have a Kenwood fist - hand mic for sale, its 600 ohms and 6 pin dynamic incert with the Up Down scan buttons on the top, it has no MC number on the back but I have been told its a model 44 or 45, NOTE it is 6 pin NOT 8. email me out of group. Mike MBRE

11887. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 07:04:10 UTC
From: Steve Wilson
Topic: 11864 Message: 11887

1) Press Auto/Thru for Auto
2) Press AT Tune
3) After 20 seconds, get quick, repeating sequence of three beeps

Thanks, Steve

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
>
>
> You push the Auto/Thru button and after the yellow tune light goes out then push the AT Tune button to tune and describe what happens next?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Steve Wilson" wrote:
> >
> > Same symptoms with the dummy load. Did a reset, for grins, but not change.
> >
> > Steve
> > KG6HJU
> >
> > --- In TS-850_450_690@yahoogroups.com, Bob Naylor wrote:
> > >
> > > Try it into a dummy load. An antenna that's not up could have an SWR/impedance that is too far off for an auto tuner to tune. Just a thought.Bob Â WE6C
> > >
> > > --- On Thu, 1/31/13, Steve Wilson wrote:
> > >
> > > From: Steve Wilson
> > > Subject: [TS-850_450_690] TS-450S auto tuner not working
> > > To: TS-850_450_690@yahoogroups.com
> > > Date: Thursday, January 31, 2013, 3:04 PM
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >

> > >
> > >
> > >
> > >
> > > Â
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
> > >
> > >
> > >
> > > Thanks, Steve
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]

> > >
> >
>

11888. Re: [TS-850_450_690] Main tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 12:42:49 UTC
From: <captainleeward@...>
Topic: 11880 Message: 11888

OK got it Thanks to all.

11889. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 17:05:57 UTC
From: Steve Wilson
Topic: 11864 Message: 11889

...and how do I make sure that I have enough "drive power?" I'm still getting familiar with this rig and HF in general.

Thanks, Steve

--- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
>
> Make sure that you have enough drive power so that the ATU can resolve any mismatch.
> If the power level is too low, the tuner will 'hunt' and time out eventually.
>
> Regards,
> Terry Simons
> G0VHS
>
>
> Sent from my iPhone
>
> On 31 Jan 2013, at 23:04, "Steve Wilson" wrote:
>
> > I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
> >
> > Thanks, Steve
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11890. Re: [TS-850_450_690] Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 17:45:45 UTC
From: Zack Widup
Topic: 11864 Message: 11890

I have my CAR control set at about 6 and my PWR at full clockwise. I
don't think I've even touched those controls in years.

73, Zack W9SZ

On 2/3/13, Steve Wilson <steve_wilson@...> wrote:
> ...and how do I make sure that I have enough "drive power?" I'm still
> getting familiar with this rig and HF in general.
>
> Thanks, Steve
>
> --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
>>
>> Make sure that you have enough drive power so that the ATU can resolve any
>> mismatch.
>> If the power level is too low, the tuner will 'hunt' and time out
>> eventually.
>>
>> Regards,
>> Terry Simons
>> G0VHS
>>
>>
>> Sent from my iPhone
>>
>> On 31 Jan 2013, at 23:04, "Steve Wilson" wrote:
>>
>> > I have a used 450 that I bought several years ago. The antenna tuner was
>> > working before. I don't use it often. But now when I try on any band, it
>> > times out. I tried it on a new antenna, that is ready to go up, and same
>> > results. Is this indicating that there is a problem with the
>> > radio/auto-tuner?
>> >
>> > Thanks, Steve
>> >
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>

11891. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 17:49:53 UTC
From: avvidclif
Topic: 11864 Message: 11891

Page 39 of the owners manual.

Clif

--- In TS-850_450_690@yahoogroups.com, "Steve Wilson" wrote:
>
> ...and how do I make sure that I have enough "drive power?" I'm still getting familiar with this rig and HF in general.
>
> Thanks, Steve
>
> --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> >
> > Make sure that you have enough drive power so that the ATU can resolve any mismatch.
> > If the power level is too low, the tuner will 'hunt' and time out eventually.
> >
> > Regards,
> > Terry Simons
> > G0VHS
> >
> >
> > Sent from my iPhone
> >
> > On 31 Jan 2013, at 23:04, "Steve Wilson" wrote:
> >
> > > I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
> > >
> > > Thanks, Steve
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11892. Higher bands problem on TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 18:06:37 UTC
From: Patrick EGLOFF
Topic: 11892 Message: 11892

Hi all,

One of my two TS850s has an intermittent problem on the higher bands. It started on 28 MHz and now happens sometimes on 24 MHz also.
On receive and transmit i have what can be called a "raspy sound", particularly on strong signals. The other bands are fine.

Some times ago, i've changed the variable capacitor on VCO2 of the PLL board. So that must be OK.
All voltages i have checked were all OK when i did that.

I don't have the frequency relationship, but i suppose that it has something to do with the VCO1-D on PLL unit...

Is there a "common" problem know around this ? has anyone already cured this problem ?

Thanks for any help.
73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...

[Non-text portions of this message have been removed]

11893. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 19:07:50 UTC
From: Steve Wilson
Topic: 11864 Message: 11893

Aha! Thanks, Clif! I had been going through the manual and on an earlier page ()23), it stated that the initial setting for all four of those knobs should be counterclockwise. That's how I kind of shot myself in the foot! :-)

Thanks, Steve

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
> Page 39 of the owners manual.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Steve Wilson" wrote:
> >
> > ...and how do I make sure that I have enough "drive power?" I'm still getting familiar with this rig and HF in general.
> >
> > Thanks, Steve
> >
> > --- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
> > >
> > > Make sure that you have enough drive power so that the ATU can resolve any mismatch.
> > > If the power level is too low, the tuner will 'hunt' and time out eventually.
> > >
> > > Regards,
> > > Terry Simons
> > > G0VHS
> > >
> > >
> > > Sent from my iPhone
> > >
> > > On 31 Jan 2013, at 23:04, "Steve Wilson" wrote:
> > >
> > > > I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
> > > >
> > > > Thanks, Steve
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > >

> >
>

11894. Re: TS-450S auto tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-03 18:49:11 UTC
From: Steve Wilson
Topic: 11864 Message: 11894

...and how do I make sure that I have enough "drive power?" I'm still getting familiar with this rig and HF in general.

Thanks, Steve

--- In TS-850_450_690@yahoogroups.com, Telboy Yahoo wrote:
>
> Make sure that you have enough drive power so that the ATU can resolve any mismatch.
> If the power level is too low, the tuner will 'hunt' and time out eventually.
>
> Regards,
> Terry Simons
> G0VHS
>
>
> Sent from my iPhone
>
> On 31 Jan 2013, at 23:04, "Steve Wilson" wrote:
>
> > I have a used 450 that I bought several years ago. The antenna tuner was working before. I don't use it often. But now when I try on any band, it times out. I tried it on a new antenna, that is ready to go up, and same results. Is this indicating that there is a problem with the radio/auto-tuner?
> >
> > Thanks, Steve
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

11895. Re: [TS-850_450_690] Higher bands problem on TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-04 07:21:54 UTC
From: WB4CIW@...
Topic: 11892 Message: 11895

Hi,
I've found that a couple of times when I had left my Noise Blanker turned on and turned way up,
while trying to copy a very weak JT-65 signal.
Frank

In a message dated 2/3/2013 11:07:04 A.M. Mountain Standard Time, pegloff@... writes:

Hi all,

One of my two TS850s has an intermittent problem on the higher bands. It started on 28 MHz and now happens sometimes on 24 MHz also.
On receive and transmit i have what can be called a "raspy sound", particularly on strong signals. The other bands are fine.

Some times ago, i've changed the variable capacitor on VCO2 of the PLL board. So that must be OK.
All voltages i have checked were all OK when i did that.

I don't have the frequency relationship, but i suppose that it has something to do with the VCO1-D on PLL unit...

Is there a "common" problem know around this ? has anyone already cured this problem ?

Thanks for any help.
73, Patrick

--
Patrick Egloff - TK5EP
email : pegloff@...

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11896. DDS chips for the thousandth time

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-04 20:39:15 UTC
From: k4pdm
Topic: 11896 Message: 11896

I hope I'm not being a pain but I need a little help here.

I am considering the purchase of a third TS-850. This one I'd like to keep. Put all the filters in, get the matching speaker. I have an Icom IC-761 that looks good and works great, but it's not as good as the 850s I've had.

I'm looking at an 850 in the 305XXXXX range. I suppose it will surely have the older, failure-prone DDS chips?

I'm sure there are unobtainable parts in my old Icom but parts rigs are common. Parts rigs for the Kenwoods with the needed DDS chips seem to be extremely rare.

If the capacitors are good and everything checks OK, how big a chance am I taking with the Kenwood, really? Opinions? Clif? Anyone?

73, Paul K4PDM

11897. Re: DDS chips for the thousandth time

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-04 21:45:03 UTC
From: avvidclif
Topic: 11896 Message: 11897

They may have been replaced. Only way to know for sure is to look. Otherwise almost 100% certain the old caps.

--- In TS-850_450_690@yahoogroups.com, "k4pdm" wrote:
>
> I hope I'm not being a pain but I need a little help here.
>
> I am considering the purchase of a third TS-850. This one I'd like to keep. Put all the filters in, get the matching speaker. I have an Icom IC-761 that looks good and works great, but it's not as good as the 850s I've had.
>
> I'm looking at an 850 in the 305XXXXX range. I suppose it will surely have the older, failure-prone DDS chips?
>
> I'm sure there are unobtainable parts in my old Icom but parts rigs are common. Parts rigs for the Kenwoods with the needed DDS chips seem to be extremely rare.
>
> If the capacitors are good and everything checks OK, how big a chance am I taking with the Kenwood, really? Opinions? Clif? Anyone?
>
> 73, Paul K4PDM
>

11898. Re: DDS chips for the thousandth time

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-04 23:04:44 UTC
From: avvidclif
Topic: 11896 Message: 11898

Errruh, not caps, chips, IC's as in DDS...

Clif

--- In TS-850_450_690@yahoogroups.com, "avvidclif" wrote:
>
> They may have been replaced. Only way to know for sure is to look. Otherwise almost 100% certain the old caps.
>
> --- In TS-850_450_690@yahoogroups.com, "k4pdm" wrote:
> >
> > I hope I'm not being a pain but I need a little help here.
> >
> > I am considering the purchase of a third TS-850. This one I'd like to keep. Put all the filters in, get the matching speaker. I have an Icom IC-761 that looks good and works great, but it's not as good as the 850s I've had.
> >
> > I'm looking at an 850 in the 305XXXXX range. I suppose it will surely have the older, failure-prone DDS chips?
> >
> > I'm sure there are unobtainable parts in my old Icom but parts rigs are common. Parts rigs for the Kenwoods with the needed DDS chips seem to be extremely rare.
> >
> > If the capacitors are good and everything checks OK, how big a chance am I taking with the Kenwood, really? Opinions? Clif? Anyone?
> >
> > 73, Paul K4PDM
> >
>

11899. Re: [TS-850_450_690] Re: DDS chips for the thousandth time

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-04 23:26:54 UTC
From: Jose V. Gavila
Topic: 11896 Message: 11899

Hi Clif,

> Errruh, not caps, chips, IC's as in DDS...
>
> Clif

Well, as you know, on that board THERE ARE old caps... and they generate LOTS of troubles!. So you were right ;-)

Some samples can be seen on this page of my WEB:

http://jvgavila.com/wb7.htm#sec3

I have seen very bad damaged DDS boards on 3xxxxxx series but also some on newer ones. But, even if not seriously damaged (yet), ALL TS-850s I have seen so far (about 30 or so) had some kind of leakage problem on CAR UNIT. My own TS-850 needed care regarding leaking caps.

And, regarding donor units, the TS-450 has two identical DDSs on it... so it is another useful source.

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - IM99sm La Canyada - Valencia(SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11900. Re: [TS-850_450_690] DDS chips for the thousandth time

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-05 03:54:40 UTC
From: Alan Riley
Topic: 11896 Message: 11900

My 306XXXXX one (bought new) has the old DDS chips but they haven’t failed. I have had to replace the carrier board electrolytics (along with several on other boards).

My 506XXXXX one (bought used) has the new chips and I have never had to replace any chips or
electrolytic caps in it. I did have to replace the PLL board in it with a spare board a couple of days
ago after getting a raspy audio problem. Now I need to replace the trimmers caps in it’s original PLL.

If the one you are considering has not yet had the carrier board caps replaced, then it’s living on
borrowed time and would be the first thing I would do to it, along with replacing the battery.

73,
Alan, KD5R

From: k4pdm
Sent: Monday, February 04, 2013 2:39 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] DDS chips for the thousandth time

I hope I'm not being a pain but I need a little help here.

I am considering the purchase of a third TS-850. This one I'd like to keep. Put all the filters in, get the matching speaker. I have an Icom IC-761 that looks good and works great, but it's not as good as the 850s I've had.

I'm looking at an 850 in the 305XXXXX range. I suppose it will surely have the older, failure-prone DDS chips?

I'm sure there are unobtainable parts in my old Icom but parts rigs are common. Parts rigs for the Kenwoods with the needed DDS chips seem to be extremely rare.

If the capacitors are good and everything checks OK, how big a chance am I taking with the Kenwood, really? Opinions? Clif? Anyone?

73, Paul K4PDM

[Non-text portions of this message have been removed]

11901. Re: Higher bands problem on TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-05 13:30:36 UTC
From: tk5ep
Topic: 11892 Message: 11901

Hi, Thanks for answer. But unfortunately it is not that simple...

73, Patrick

--- In TS-850_450_690@yahoogroups.com, WB4CIW@... wrote:
>
> Hi,
> I've found that a couple of times when I had left my Noise Blanker turned
> on and turned way up,
> while trying to copy a very weak JT-65 signal.
> Frank
>
>
> In a message dated 2/3/2013 11:07:04 A.M. Mountain Standard Time,
> pegloff@... writes:
>
> Hi all,
>
> One of my two TS850s has an intermittent problem on the higher bands. It
> started on 28 MHz and now happens sometimes on 24 MHz also.
> On receive and transmit i have what can be called a "raspy sound",
> particularly on strong signals. The other bands are fine.
>
> Some times ago, i've changed the variable capacitor on VCO2 of the PLL
> board. So that must be OK.
> All voltages i have checked were all OK when i did that.
>
> I don't have the frequency relationship, but i suppose that it has
> something to do with the VCO1-D on PLL unit...
>
> Is there a "common" problem know around this ? has anyone already cured
> this problem ?
>
> Thanks for any help.
> 73, Patrick
>
>
> --
> Patrick Egloff - TK5EP
> email : pegloff@...
>
>
> [Non-text portions of this message have been removed]
>
>

>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11902. RE: [TS-850_450_690] Re: Higher bands problem on TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-05 13:58:01 UTC
From: Javier Ebay
Topic: 11892 Message: 11902

Look below the SMD electrolytic capacitors. You may have some 10 to 20 of them leaking and dry. It happens in most of the electronic things of that vintage. Bad years for SMD capacitors

In other equipment (not radio, Pro-sound) I have found that ALL (and that means MANY) the 10uF/16V were bad. That is an special bad value in that vintage.

The good thing of it is that usually they can be substituted by conventional capacitors, there is lots or room. Something impossible in modern radios.

I recommend you have a look... tracks can be damaged by the leakage. In Ebay you can buy full sets of capacitors.

The question is not IF they fail, but WHEN they fail.

EA1FC

[Non-text portions of this message have been removed]

11903. Re: Higher bands problem on TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-09 13:11:39 UTC
From: tk5ep
Topic: 11892 Message: 11903

Hi All,

This was not my problem...
I've changed these caps some times ago.

After a careful check and some tests, it is (at least i hope it was) the ajustable capacitor in the VCO which is causing the problem. The test voltage at TP1 changed from last check and i could see it changing with time.

I've changed it against a small one i had in my junk box... Now the voltage at TP1 is stable over night...

I now need to order a better replacement than my test cap !

73, Patrick.

--- In TS-850_450_690@yahoogroups.com, Javier Ebay wrote:
>
>
> Look below the SMD electrolytic capacitors. You may have some 10 to 20 of them leaking and dry. It happens in most of the electronic things of that vintage. Bad years for SMD capacitors
>
> In other equipment (not radio, Pro-sound) I have found that ALL (and that means MANY) the 10uF/16V were bad. That is an special bad value in that vintage.
>
> The good thing of it is that usually they can be substituted by conventional capacitors, there is lots or room. Something impossible in modern radios.
>
> I recommend you have a look... tracks can be damaged by the leakage. In Ebay you can buy full sets of capacitors.
>
> The question is not IF they fail, but WHEN they fail.
>
> EA1FC
>
> [Non-text portions of this message have been removed]
>

11904. Kenwood Service Manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-09 22:42:24 UTC
From: Trent Fleming
Topic: 11904 Message: 11904

I have a TS140S/TS680S Service Manual for sale. Please reply directly to trent.fleming@...

$15 shipped CONUS only.

Thanks

Trent
N4DTF

--
Trent Fleming

My blog on banking topics:

www.bankinginsights.blogspot.com

My web site

www.trentfleming.com

Follow me on FaceBook
www.facebook.com/thetechnologyadvisor

Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

[Non-text portions of this message have been removed]

11905. WTB TS-450SAT, Europe

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-11 14:34:25 UTC
From: Adi Toplician
Topic: 11905 Message: 11905

Hello,

has anyone a TS-450SAT for sale in Europe?

I work 90% CW so a CW filter is a plus/must.

73! Adi
Yo2liw
Yq0ant

--
==========
Adrian Toplician
0721 367 850
Timisoara
YO2LIW

[Non-text portions of this message have been removed]

11906. kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-12 03:02:32 UTC
From: m6gbt
Topic: 11906 Message: 11906

Hi
Im running a TS450s for data modes using a signalink usb interface. Is there anything inside the rig that will turn TX volume down on the Acc2? I have to have the mic gain on the rig turned nearly off, this has to be re set when using phone

Thanks
Pete

11907. Re: kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-12 16:07:41 UTC
From: Mike34230
Topic: 11906 Message: 11907

Take a look at page 79 of the instruction manual, Pete. I think VR13 is what you want, but I haven't ever adjusted mine, so I'm not 100% sure on that...
73, Mike - AA1AR

--- In TS-850_450_690@yahoogroups.com, "m6gbt" wrote:
>
> Hi
> Im running a TS450s for data modes using a signalink usb interface. Is there anything inside the rig that will turn TX volume down on the Acc2? I have to have the mic gain on the rig turned nearly off, this has to be re set when using phone
>
> Thanks
> Pete
>

11908. The free Kenwood RTX service manual for old rigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-12 16:43:07 UTC
From: serracin7388
Topic: 11908 Message: 11908

For new members and others who may have missed this. From time to time I make a reminder !

We have discovered a free Kenwood service manual for various old rigs. Some people have found it more useful than a rig service manual itself !

You can download it here:

http://www.jvgavila.com/man_ham/rtx/rtx_manual_index.htm

Enjoy,

Paul
9H1FQ

11909. RE: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-13 01:51:55 UTC
From: Pete
Topic: 11906 Message: 11909

Thanks for the info Mike

The problem seems to be with the actual mic gain itself. When its on min the alc reading is still high when using phone. I can work data modes with the gain nearly off and use tx adjustment on the signalink. Im not sure what to try next, maybe the mic gain VR pot? With your help at least I know that VR13 is for ACC2

73

Pete

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Mike34230
Sent: 12 February 2013 16:08
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment

Take a look at page 79 of the instruction manual, Pete. I think VR13 is what you want, but I haven't ever adjusted mine, so I'm not 100% sure on that...
73, Mike - AA1AR

--- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , "m6gbt" wrote:
>
> Hi
> Im running a TS450s for data modes using a signalink usb interface. Is there anything inside the rig that will turn TX volume down on the Acc2? I have to have the mic gain on the rig turned nearly off, this has to be re set when using phone
>
> Thanks
> Pete
>

[Non-text portions of this message have been removed]

11910. Re: kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-13 02:21:12 UTC
From: avvidclif
Topic: 11906 Message: 11910

Is the ALC meter set correctly? It doesn't sound like it. Go to CW mode and slowly bring up the Car. At the point the power out stops going up the ALC meter should just start moving. It should then increase slowly without any additional increase in power out. If it moves before the power stops or jumps up rapidly it's not set correctly.

Clif

--- In TS-850_450_690@yahoogroups.com, "Pete" wrote:
>
> Thanks for the info Mike
>
> The problem seems to be with the actual mic gain itself. When its on min the
> alc reading is still high when using phone. I can work data modes with the
> gain nearly off and use tx adjustment on the signalink. Im not sure what to
> try next, maybe the mic gain VR pot? With your help at least I know that
> VR13 is for ACC2
>
>
>
> 73
>
> Pete
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of Mike34230
> Sent: 12 February 2013 16:08
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment
>
>
>
>
>
>
> Take a look at page 79 of the instruction manual, Pete. I think VR13 is what
> you want, but I haven't ever adjusted mine, so I'm not 100% sure on that...
> 73, Mike - AA1AR
>
> --- In TS-850_450_690@...m
> , "m6gbt" wrote:
> >
> > Hi
> > Im running a TS450s for data modes using a signalink usb interface. Is
> there anything inside the rig that will turn TX volume down on the Acc2? I

> have to have the mic gain on the rig turned nearly off, this has to be re
> set when using phone
> >
> > Thanks
> > Pete
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11911. Re: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-13 03:29:58 UTC
From: Dave Rust
Topic: 11906 Message: 11911

Is the ALC meter set correctly? It doesn't sound like it. Go to CW mode and slowly bring up the Car. At the point the power out stops going up the ALC meter should just start moving. It should then increase slowly without any additional increase in power out. If it moves before the power stops or jumps up rapidly it's not set correctly.

Thanks for that info Cliff.!

[Non-text portions of this message have been removed]

11912. Re: kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-13 21:06:54 UTC
From: michaelrae65
Topic: 11906 Message: 11912

I asked this question some weeks ago and was told Look in your handbook
which I did not have so I went and did a google, yes getting the ALC up to a power out re watts seems to depend on that CW mode, I thank you for YOUR posting. Mike M3EMB

--- In TS-850_450_690@yahoogroups.com, "Dave Rust" wrote:
>
> Is the ALC meter set correctly? It doesn't sound like it. Go to CW mode and slowly bring up the Car. At the point the power out stops going up the ALC meter should just start moving. It should then increase slowly without any additional increase in power out. If it moves before the power stops or jumps up rapidly it's not set correctly.
>
> Thanks for that info Cliff.!
>
> [Non-text portions of this message have been removed]
>

11913. RE: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-13 22:36:14 UTC
From: Pete
Topic: 11906 Message: 11913

Thanks for this info Cliff

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of avvidclif
Sent: 13 February 2013 02:21
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment

Is the ALC meter set correctly? It doesn't sound like it. Go to CW mode and
slowly bring up the Car. At the point the power out stops going up the ALC
meter should just start moving. It should then increase slowly without any
additional increase in power out. If it moves before the power stops or
jumps up rapidly it's not set correctly.

Clif

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "Pete" wrote:
>
> Thanks for the info Mike
>
> The problem seems to be with the actual mic gain itself. When its on min
the
> alc reading is still high when using phone. I can work data modes with the
> gain nearly off and use tx adjustment on the signalink. Im not sure what
to
> try next, maybe the mic gain VR pot? With your help at least I know that
> VR13 is for ACC2
>
>
>
> 73
>
> Pete
>
>
>
> From: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
[mailto:TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>]
> On Behalf Of Mike34230
> Sent: 12 February 2013 16:08
> To: TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> Subject: [TS-850_450_690] Re: kenwood ts 450 acc2 TX audio adjustment

>
>
>
>
>
> Take a look at page 79 of the instruction manual, Pete. I think VR13 is
what
> you want, but I haven't ever adjusted mine, so I'm not 100% sure on
that...
> 73, Mike - AA1AR
>
> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com>
> , "m6gbt" wrote:
> >
> > Hi
> > Im running a TS450s for data modes using a signalink usb interface. Is
> there anything inside the rig that will turn TX volume down on the Acc2? I
> have to have the mic gain on the rig turned nearly off, this has to be re
> set when using phone
> >
> > Thanks
> > Pete
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

11914. A free service manual for many rigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-14 11:03:51 UTC
From: serracin7388
Topic: 11914 Message: 11914

This is the Kenwood RTX manual, which describes servicing procedure for various old rigs:

http://www.jvgavila.com/man_ham/rtx/...nual_index.htm

Also, individual manuals:

http://www.radiomanual.info/KENWOOD.html

Enjoy
Paul
9H1FQ

11915. Re: [TS-850_450_690] A free service manual for many rigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-14 16:18:01 UTC
From: Zack Widup
Topic: 11914 Message: 11915

On the first link, I get "404 Bad Request."

73, Zack W9SZ

On Thu, Feb 14, 2013 at 5:03 AM, serracin7388 <serracin7388@...>wrote:

> **
>
>
> This is the Kenwood RTX manual, which describes servicing procedure for
> various old rigs:
>
> http://www.jvgavila.com/man_ham/rtx/...nual_index.htm
>
> Also, individual manuals:
>
> http://www.radiomanual.info/KENWOOD.html
>
> Enjoy
> Paul
> 9H1FQ
>
>
>

[Non-text portions of this message have been removed]

11916. Re: [TS-850_450_690] A free service manual for many rigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-14 16:27:03 UTC
From: Jose V. Gavila
Topic: 11914 Message: 11916

Hi Zack,

> On the first link, I get "404 Bad Request."
>
> 73, Zack W9SZ

Try this one:

http://www.jvgavila.com/man_ham/rtx/rtx_manual_index.htm

Regards,

JOSE

> On Thu, Feb 14, 2013 at 5:03 AM, serracin7388
> <serracin7388@...>wrote:
>
>> **
>>
>>
>> This is the Kenwood RTX manual, which describes servicing procedure
>> for various old rigs:
>>
>> http://www.jvgavila.com/man_ham/rtx/...nual_index.htm
>>
>> Also, individual manuals:
>>
>> http://www.radiomanual.info/KENWOOD.html
>>
>> Enjoy Paul 9H1FQ

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

11917. Re: [TS-850_450_690] A free service manual for many rigs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-14 17:01:18 UTC
From: Zack Widup
Topic: 11914 Message: 11917

Thanks Jose! That works!

73, Zack W9SZ

On Thu, Feb 14, 2013 at 10:27 AM, Jose V. Gavila <eb5agv@...> wrote:

> **
>
>
> Hi Zack,
>
>
> > On the first link, I get "404 Bad Request."
> >
> > 73, Zack W9SZ
>
> Try this one:
>
> http://www.jvgavila.com/man_ham/rtx/rtx_manual_index.htm
>
> Regards,
>
> JOSE
>
>
> > On Thu, Feb 14, 2013 at 5:03 AM, serracin7388
> > serracin7388@...>wrote:
> >
> >> **
>
> >>
> >>
> >> This is the Kenwood RTX manual, which describes servicing procedure
> >> for various old rigs:
> >>
> >> http://www.jvgavila.com/man_ham/rtx/...nual_index.htm
> >>
> >> Also, individual manuals:
> >>
> >> http://www.radiomanual.info/KENWOOD.html
> >>
> >> Enjoy Paul 9H1FQ
>
> --
> 73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
> http://agvradio.com AGVradio

> http://jvgavila.com Personal WEB
>
>
>

[Non-text portions of this message have been removed]

11918. TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 15:51:46 UTC
From: joe
Topic: 11918 Message: 11918

HI,
some threads here, but no finally solution
Today I did a video of the failure
http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be

The problem is in automatic mode the tuner do not stop automatic after finding low SWR.
And CAR is fully clockwise.
In manual mode it works fine
any ideas
73 Joe

11919. Re: [TS-850_450_690] TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 17:14:00 UTC
From: Bob Naylor
Topic: 11918 Message: 11919

Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob WE6C

--- On Sat, 2/16/13, joe <oe3jtb@...> wrote:

From: joe <oe3jtb@...>
Subject: [TS-850_450_690] TS-850 automatic tuner failure
To: TS-850_450_690@...m
Date: Saturday, February 16, 2013, 7:51 AM

HI,

some threads here, but no finally solution

Today I did a video of the failure

http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be

The problem is in automatic mode the tuner do not stop automatic after finding low SWR.

And CAR is fully clockwise.

In manual mode it works fine

any ideas

73 Joe

[Non-text portions of this message have been removed]

11920. Transmitting on the kenwood 690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 20:44:11 UTC
From: Cap.
Topic: 11920 Message: 11920

Well I just completed the 50.0 mhz antenna for my 690s,
when I use the key pad to input the frequency of 00050.0 mhz that works fine but I can't get it to transmit on any mode??
what is the exact procedure for using the 6 meter band with the 690s.
I have looked in the 690s manual there is no mention of the operational procedures in mine anyway. Help

11921. Re: TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 21:22:58 UTC
From: joe
Topic: 11918 Message: 11921

Tnx, intresting for me would be, how much power is used for tuning, here is 35W maximum on an external SWR meter.
73 Joe

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob Â WE6C
>
> --- On Sat, 2/16/13, joe <oe3jtb@...> wrote:
>
> From: joe <oe3jtb@...>
> Subject: [TS-850_450_690] TS-850 automatic tuner failure
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, February 16, 2013, 7:51 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> HI,
>
> some threads here, but no finally solution

>
> Today I did a video of the failure
>
> http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
>
>
>
> The problem is in automatic mode the tuner do not stop automatic after finding low SWR.
>
> And CAR is fully clockwise.
>
> In manual mode it works fine
>
> any ideas
>
> 73 Joe
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11922. Replacement for DSA301LA

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 21:36:10 UTC
From: joe
Topic: 11922 Message: 11922

Today I found at Ebay a replacement for DSA301LA
http://www.ebay.at/itm/Kenwood-TS-850S-etc-DSA-301LA-Gas-Discharge-Surge-Arrestor-Replacement-/121066232587?pt=UK_Mobile_Phones_Communication_Ham_Radio_Receivers_Transceivers&hash=item1c301c1b0b

Does anybody use this, is it the same function?
tnx Joe

11923. Re: [TS-850_450_690] Transmitting on the kenwood 690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 22:29:21 UTC
From: Tom Waraksa
Topic: 11920 Message: 11923

There are not any differences in using 6M compared to any other band on the 690. Just select your operating mode and tune up as usual.

Do you have a dummy load you can use to check operation? Always good to rule out the obvious.....a bad antenna.

Good luck and 73,

Tom - AF8P

From: Cap. <captainleeward@...>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 16, 2013 3:44 PM
Subject: [TS-850_450_690] Transmitting on the kenwood 690s

Well I just completed the 50.0 mhz antenna for my 690s,
when I use the key pad to input the frequency of 00050.0 mhz that works fine but I can't get it to transmit on any mode??
what is the exact procedure for using the 6 meter band with the 690s.
I have looked in the 690s manual there is no mention of the operational procedures in mine anyway. Help

[Non-text portions of this message have been removed]

11924. Re: [TS-850_450_690] Transmitting on the kenwood 690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-16 23:14:41 UTC
From: Paul Manuel
Topic: 11920 Message: 11924

I think 6 meters would be entered as 50.000.0, not 00.050.0.

73 Paul K4PDM

Sent from my MOTOROLA ATRIX™ HD on AT&T

Tom Waraksa <tjwaraksa@yahoo.com> wrote:

>There are not any differences in using 6M compared to any other band on the 690. Just select your operating mode and tune up as usual.
>
>Do you have a dummy load you can use to check operation? Always good to rule out the obvious.....a bad antenna.
>
>Good luck and 73,
>
>Tom - AF8P
>
>
>_________________________________
> From: Cap. <captainleeward@...>
>To: TS-850_450_690@yahoogroups.com
>Sent: Saturday, February 16, 2013 3:44 PM
>Subject: [TS-850_450_690] Transmitting on the kenwood 690s
>
>
>
>Well I just completed the 50.0 mhz antenna for my 690s,
>when I use the key pad to input the frequency of 00050.0 mhz that works fine but I can't get it to transmit on any mode??
>what is the exact procedure for using the 6 meter band with the 690s.
>I have looked in the 690s manual there is no mention of the operational procedures in mine anyway. Help
>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COMYahoo! Groups Links
>
>

>

[Non-text portions of this message have been removed]

11925. KENWOOD TS 850 NO RECEIVE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-17 18:00:22 UTC
From: mack25000
Topic: 11925 Message: 11925

HI EVERYONE CAN ANYONE OFFER SOME HELP I HAVE A TS850S THE UNIT XMITS FINE ALL I HAVE IS NO RECEIVE ONLY WHITE NOISE IN FM MODE NO METER MOVEMENT I HAVE SUBBED OUT THE IF AND CARRIER BOARDS AND STILL HAVE THE SAME ISSUE ANY KELP WOULD BE GREATLY APPRECIATED PLEASE EMAIL ME AT MAK2500@...
THANKS TOM KA3MLS

11926. Re: Transmitting on the kenwood 690s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-17 18:46:24 UTC
From: Cap.
Topic: 11920 Message: 11926

Well Paul you get the prize for best answer I was using the wrong frequency now it works perfect with my new antenna I will post a picture of it in the photo section. Thanks for all your help guys.....:O)

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@...> wrote:

> >
>
>
> [Non-text portions of this message have been removed]
>

11927. Re: TS850 JEZB firmware?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-17 19:50:09 UTC
From: joe
Topic: 11283 Message: 11927

HI
I have it in my 850... if you want, I can read it out
73

--- In TS-850_450_690@yahoogroups.com, tom@... wrote:
>
> By any chance does someone have a copy of the JEZB firmware for the TS850? Its IC18. A friend of mine is modifying the firmware to add some support for HiFi AM. He's already managed to tweak the JEZA firmware to support it. Even bought a second digital board in the hopes that it came with the JEZB firmware but no luck...
>
> Thanks!
>

11928. What 50Mhz antenna.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-17 21:21:01 UTC
From: michaelrae65
Topic: 11928 Message: 11928

Hi Caps, please give details as to your 6mb antenna, is it a beam made of tubing or wire type, I wish to make my own and yours might be the one I go for, Michael.

11929. Re: What 50Mhz antenna.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-18 03:22:38 UTC
From: Cap.
Topic: 11928 Message: 11929

Michael,
ok I have posted the directions in the photo section (wards radios)to build a 6 meter antenna mine however is a little different as I used 3/4"to 1/2" aluminum tubing and 1/8" solid stainless steel rod.

I used a spring pin to couple the 3/4 to the 1/2" tubing and a reducer with set screws to hold the 1/8 " ss rod so I could adjust it but as my antenna mfj analyzer says its perfect as it is. 56" each side. this is set for the lower end 50.1 mhz w/o a tuner.

the 3/4 is 1 ft x2
the 1/2 is 36" x 2
the 1/8" completes the 56" each side.

or you could just use copper wire that is 56" each side hooked to some plexi glass with a so259 as I did on this one.

happy 6 metering hope to here from you on 6 meters when the season open up kf6pjw. good luck Captain Leeward "never give up the ship"

11930. Re: What 50Mhz antenna.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-18 10:16:55 UTC
From: michaelrae65
Topic: 11928 Message: 11930

Hi Captain. I will make your 6m dipole, nice photos and drawing easy to follow. Mike.

--- In TS-850_450_690@yahoogroups.com, "Cap." <captainleeward@...> wrote:
>
> Michael,
> ok I have posted the directions in the photo section (wards radios)to build a 6 meter antenna mine however is a little different as I used 3/4"to 1/2" aluminum tubing and 1/8" solid stainless steel rod.
>
> I used a spring pin to couple the 3/4 to the 1/2" tubing and a reducer with set screws to hold the 1/8 " ss rod so I could adjust it but as my antenna mfj analyzer says its perfect as it is. 56" each side. this is set for the lower end 50.1 mhz w/o a tuner.
>
> the 3/4 is 1 ft x2
> the 1/2 is 36" x 2
> the 1/8" completes the 56" each side.
>
> or you could just use copper wire that is 56" each side hooked to some plexi glass with a so259 as I did on this one.
>
> happy 6 metering hope to here from you on 6 meters when the season open up kf6pjw. good luck Captain Leeward "never give up the ship"
>

11931. Re: What 50Mhz antenna. Useing all tubing.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-18 09:46:37 UTC
From: michaelrae65
Topic: 11928 Message: 11931

Hi Cap. Have not looked yet at your 6m antenna but I will, I have lots of bits of tubing here LONG - SHORT reused plus some solid rods, I have used this tubing over and over again as my hobbys have changed, some tubing was at first Band 1 or 3 TV antennas, I reused them by pop riverting the bits together these being held in place by put a smiller bit of tubing inside the larger one, I have 5 tube cutters and a tube bender, making something out of scrap tubing is a job I like. Michael.

--- In TS-850_450_690@yahoogroups.com, "Cap." <captainleeward@...> wrote:
>
> Michael,
> ok I have posted the directions in the photo section (wards radios)to build a 6 meter antenna mine however is a little different as I used 3/4"to 1/2" aluminum tubing and 1/8" solid stainless steel rod.
>
> I used a spring pin to couple the 3/4 to the 1/2" tubing and a reducer with set screws to hold the 1/8 " ss rod so I could adjust it but as my antenna mfj analyzer says its perfect as it is. 56" each side. this is set for the lower end 50.1 mhz w/o a tuner.
>
> the 3/4 is 1 ft x2
> the 1/2 is 36" x 2
> the 1/8" completes the 56" each side.
>
> or you could just use copper wire that is 56" each side hooked to some plexi glass with a so259 as I did on this one.
>
> happy 6 metering hope to here from you on 6 meters when the season open up kf6pjw. good luck Captain Leeward "never give up the ship"
>

11932. 6 METER ANTENNA DIAGRAM

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-18 14:56:44 UTC
From: Cap.
Topic: 11932 Message: 11932

TO ALL, THE DIAGRAM IN THE PHOTO SECTION IS FROM A GUY NAMED
BERRY GORDEN
I LOOKED UP 6 METER ANTENNA ON GOOGLE THIS IS HIS DIAGRAM SO GIVE CREDIT WHERE CREDIT IS DUE. HERE IS HIS INFO TO GOOGLE.

THE "SLICK SIX" 6 METER HORIZONTAL DIPOLE
by Larry Gordon, KK5ID CAP......

NEVER GIVE UP THE SHIP!!

11933. Made the 6m dipole today.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-18 21:49:04 UTC
From: michaelrae65
Topic: 11932 Message: 11933

Hi Cap. Well I made the 6m dipole today I had some plaxi glass and a few 1 inch U bolts in fact all the bits my tube cutter only likes thin walked tubing so in the end the weak cutters made the cutting points groves and out came a hand saw, took about 2 hours to make. I moved a 20 foot pole today as well, from the top end of my garden to a point closer to my radio rooms window, in my morning I will bolt a
T £ K bracket set to the wall and put the start of my sky tubing in the air with a rotator. In your photo you have the 6m in the middle!! and a 10m dipole as a active reflector but what is in front something for 2m could not fully see and I maybe totaly wrong. Mike. M3EMB Uk.

--- In TS-850_450_690@yahoogroups.com, "Cap." <captainleeward@...> wrote:
>
> TO ALL, THE DIAGRAM IN THE PHOTO SECTION IS FROM A GUY NAMED
> BERRY GORDEN
> I LOOKED UP 6 METER ANTENNA ON GOOGLE THIS IS HIS DIAGRAM SO GIVE CREDIT WHERE CREDIT IS DUE. HERE IS HIS INFO TO GOOGLE.
>
> THE "SLICK SIX" 6 METER HORIZONTAL DIPOLE
> by Larry Gordon, KK5ID CAP......
>
> NEVER GIVE UP THE SHIP!!
>

11934. Re: Made the 6m dipole today.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-18 22:19:33 UTC
From: Cap.
Topic: 11932 Message: 11934

Hi Mike, those pictures are of two different antennas one is a 6 meter it has one element with two halfs.

The other is a 10 meter broad band yagi which is

2 driven elements
1 director element

this allows me not to have to re-tune the antenna
as I go up frequency. 50.1 thru 54.0 so its really a 2 element yagi.

In the backyard where my antennas are is a small vally and I'm at the bottom with only east and west to use.

Hope I have answered your question. Cap don't give up the ship.

11935. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-19 02:23:13 UTC
From: wa5reoken
Topic: 11737 Message: 11935

Hi All

I got several responses to my question about my mic gain control having to be all the way up to get audio out and proper ALC. Message
#11738.
I ask now if maybe VR13 was adjusted by the previous owner. I can not
contact him to find out. Am I correct in assuming, from some of the latest post, that the TX audio could have been turned down by VR 13 if used for data transmission?
I am a bit reluctant to start adjusting any factory settings until I know what I'm doing.
Any feedback will be appreciated.
Thanks Ken,

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> It depends on your voice and how far from the mic you were. The hand mic is designed to be close-talked, less than an inch. If you were that close then something else is wrong.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@> wrote:
> >
> > Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO
> >
>

11936. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-19 04:01:50 UTC
From: avvidclif
Topic: 11737 Message: 11936

VR13 adjusts the level from the Packet in only. It doesn't adjust the mic gain.

Clif

--- In TS-850_450_690@yahoogroups.com, "wa5reoken" <wa5reoken@...> wrote:
>
>
>
> Hi All
>
> I got several responses to my question about my mic gain control having to be all the way up to get audio out and proper ALC. Message
> #11738.
> I ask now if maybe VR13 was adjusted by the previous owner. I can not
> contact him to find out. Am I correct in assuming, from some of the latest post, that the TX audio could have been turned down by VR 13 if used for data transmission?
> I am a bit reluctant to start adjusting any factory settings until I know what I'm doing.
> Any feedback will be appreciated.
> Thanks Ken,
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > It depends on your voice and how far from the mic you were. The hand mic is designed to be close-talked, less than an inch. If you were that close then something else is wrong.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "Kenneth" <wa5reoken@> wrote:
> > >
> > > Hi All. I just bought a TS 450S. I made my first contact with the rig. Everything seemed to work well except for one thing. Using the original stock hand mic and tuned up on 40 meters to a resonate antenna and a flat SWR, I had to turn the mic gain almost all the way up. My contact was also using the stock hand mic on a 450S and he had his gain in the 9:00 o'clock position vs me having mine in the 3:00 o'clock position. My voice peaks were just under the ALC. Is this normal for this rig? Thanks. Ken, WA5REO
> > >
> >
>

11937. VS-1 on Kenwood TS-450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-19 13:55:48 UTC
From: lu8eq
Topic: 11937 Message: 11937

Hello,

I have a friend who is sight impaired and who just bought a TS-450. He already had a TS-440 with the VS-1 voice synth. board. He has a spare VS-1 and some told him that it could be rewired for the TS-450.

I looked at the VS-1 & VS-2 schematics and I could not figure it out. They use the same main IC, but they are not pin compatible with each other.

Could it be possible to use a VS-1 on a TS-450?

Thank you in advance for your kind comments.

73
Guido, LU8EQ

11938. Re: [TS-850_450_690] VS-1 on Kenwood TS-450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-19 14:53:24 UTC
From: Dave Rust
Topic: 11937 Message: 11938

Guido, the manual states VS-2 voice synthesizer. I doubt that it would be worth the trouble to try to rewire one.
W0DLR

[Non-text portions of this message have been removed]

11939. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-19 17:54:07 UTC
From: nm9p
Topic: 11737 Message: 11939

I don't know if the TS-450 has a separate processor adjustment and metering like my TS-850 does. But if not, it may operate as my old Icom IC-745 did...
In Processor OFF mode, the mike gain works as you would expect.
In Processor ON mode, the rig internally adjusted the gain so that it stayed properly within the right ALC range, and the "Mike Gain" controlled the amount of processing/compression. One of the experts on the 450 can address this.

The best way to tell if it is working properly is to listen to your signal on another receiver with headphones while transmitting. Or you can listen to the built in monitor (if the 450 has one) and get some indication of your signal quality. Be careful. A little processing goes a LONG way, and many hams use WAY too much! So much so that it starts to sound like Channel 19 out there!

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "wa5reoken" <wa5reoken@...> wrote:
>
>
> I apologize Frank. "Problem" was a bad choice of words. I should have
>
> said that my rig operates the same as yours with the PROC on. I really
>
> don't know what is normal or if there is something wrong with it.
>
> I'll wait for more feedback from the group.
>
> Thanks for your reply. KEN
>
>
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Frank Raffaele <kc2mbv@> wrote:
> >
> > I do not think it is a "problem" per se. I've had the unit for 7 year
> > and as far as I know this is normal operation. However, I may be wrong.
> > I'll await further comments.
> >
> > Frank.
> >
> >
> >
> > On 1/1/2013 2:44 PM, wa5reoken wrote:

> > >
> > >
> > > Hi Frank. Yes, looks like we have the same problem. With the PROC. on,
> > > I need to turn the mic gain down to the 10:00 0'clock position. I
> > > tried another mic, and got the same results. Clif, do you or anyone
> > > else have any ideas or suggestions?
> > >
> > > KEN, WA5REO
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> > > <mailto:TS-850_450_690%40yahoogroups.com>, "kc2mbv" <kc2mbv@> wrote:
> > > >
> > > > I find that my radio behaves exactly as you describe when I switch
> > > off the PROC, speak in a normal tone at roughly 4 inches from the
> > > stock mic. With PROC off I get no movement on the ALC meter and when I
> > > switch it on I get full scale deflection. (Or whatever you call FSD on
> > > a segmented LED meter.
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11940. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-20 02:10:53 UTC
From: wa5reoken
Topic: 11737 Message: 11940

Thanks guys.I thought I was on the right track after reading the responses for message # 11906. I don't run the processor. I am just told I can't be heard unless mic gain is turned all the way up and speaking a little louderthan normal into the mic. I am told my audio is "KENWOOD QUALITY'. HI. I have tried both, an MC 60 and the MC 43.I guess I will do a little more research. I really don't want to ship this rig, but as a last resort, I will. There is a real good tech in this group that was recommended by the Traders Net. Thanks To All, KEN WA5REO

--- In TS-850_450_690@yahoogroups.com, "nm9p" wrote:

> I don't know if the TS-450 has a separate processor adjustment and metering like my TS-850 does. But if not, it may operate as my old Icom IC-745 did...
> In Processor OFF mode, the mike gain works as you would expect.
> In Processor ON mode, the rig internally adjusted the gain so that it stayed properly within the right ALC range, and the "Mike Gain" controlled the amount of processing/compression. One of the experts on the 450 can address this.
>
> The best way to tell if it is working properly is to listen to your signal on another receiver with headphones while transmitting. Or you can listen to the built in monitor (if the 450 has one) and get some indication of your signal quality. Be careful. A little processing goes a LONG way, and many hams use WAY too much! So much so that it starts to sound like Channel 19 out there!
>
> Ken - NM9P
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "wa5reoken" wa5reoken@ wrote:
> >
> >
> > I apologize Frank. "Problem" was a bad choice of words. I should have
> >
> > said that my rig operates the same as yours with the PROC on. I really
> >
> > don't know what is normal or if there is something wrong with it.
> >
> > I'll wait for more feedback from the group.
> >
> > Thanks for your reply. KEN
> >
> >
> >
> >
> >
> >

> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Frank Raffaele wrote:
> > >
> > > I do not think it is a "problem" per se. I've had the unit for 7 year
> > > and as far as I know this is normal operation. However, I may be wrong.
> > > I'll await further comments.
> > >
> > > Frank.
> > >
> > >
> > >
> > > On 1/1/2013 2:44 PM, wa5reoken wrote:
> > > >
> > > >
> > > > Hi Frank. Yes, looks like we have the same problem. With the PROC. on,
> > > > I need to turn the mic gain down to the 10:00 0'clock position. I
> > > > tried another mic, and got the same results. Clif, do you or anyone
> > > > else have any ideas or suggestions?
> > > >
> > > > KEN, WA5REO
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
> > > > , "kc2mbv" wrote:
> > > > >
> > > > > I find that my radio behaves exactly as you describe when I switch
> > > > off the PROC, speak in a normal tone at roughly 4 inches from the
> > > > stock mic. With PROC off I get no movement on the ALC meter and when I
> > > > switch it on I get full scale deflection. (Or whatever you call FSD on
> > > > a segmented LED meter.
> > > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
>
[Non-text portions of this message have been removed]

11941. TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 01:12:09 UTC
From: wa5reoken
Topic: 11737 Message: 11941

Where did everyone go?

11942. Re: [TS-850_450_690] TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 02:54:44 UTC
From: Tom Osborne
Topic: 11737 Message: 11942

Everybody's radios must be working good :-) 73
Tom W7WHY

Where did everyone go?

11943. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 03:15:40 UTC
From: wa5reoken
Topic: 11737 Message: 11943

Hi Tom;

I wish my 450s was working good.
I think I ran everybody off because I keep asking about my TS 450S
mic gain control position. HI HI

I have had this rig only a few months. Before that I ran the FT101E.
I have the complete Yaesu station setup except for the 2&6 meter transverters. Soon I will post a picture on QRZ

What rig are you running?

73, KEN WA5REO

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> Everybody's radios must be working good :-) 73
> Tom W7WHY
>
>
>
> Where did everyone go?
>

11944. kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 10:44:13 UTC
From: eugenelynn266
Topic: 8037 Message: 11944

when im on lsb i can hear stations that or 10/15 miles away on usb as clear as they would be on lsb i can hear them but they can not hear me. anyone help.

11945. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 12:20:39 UTC
From: Wilson Lamb
Topic: 11737 Message: 11945

They are getting rested up for the NC QSO Party today!!
WL

[Non-text portions of this message have been removed]

11946. Re: [TS-850_450_690] kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 16:38:40 UTC
From: Daniel Raney
Topic: 8037 Message: 11946

What radio?

-----Original Message-----
From: eugenelynn266 <eugenelynn123@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Sun, Feb 24, 2013 8:03 am
Subject: [TS-850_450_690] kenwood ts 850

when im on lsb i can hear stations that or 10/15 miles away on usb as clear as they would be on lsb i can hear them but they can not hear me. anyone help.

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11947. Re: kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 18:01:27 UTC
From: avvidclif
Topic: 8037 Message: 11947

Put both 8.83 and 455 filters on 2.7k so you are only listening to LSB and then you will be fine.

Clif

--- In TS-850_450_690@yahoogroups.com, "eugenelynn266" <eugenelynn123@...> wrote:
>
> when im on lsb i can hear stations that or 10/15 miles away on usb as clear as they would be on lsb i can hear them but they can not hear me. anyone help.
>

11948. TS-850SAT CAT comm problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-24 18:48:32 UTC
From: wa6rya
Topic: 11948 Message: 11948

Fellow TS-850SAT Owners,
I just joined this group. What a wealth of information on this fine transceiver. I've had my 850 since the late 90s and decided to finally try CAT control. I bought a CAT-USB cable from Steve at www.xggcomms.com. The communications link has not been reliable. When first bringing up the logging software the comm link works fine for a few minutes and then hangs. I need to restart the computer and radio to re-establish the connection. I took apart the cable and did a loopback test using a terminal emulator on my computer. That worked 100%. I tried three logging programs and they showed the same symptoms. So it appears to be a marginal timing issue or something on the 850. Can anyone help me?
Thanks,
Jim
WA6RYA

11949. RE: [TS-850_450_690] TS-850SAT CAT comm problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-25 00:35:28 UTC
From: Tom Bilello
Topic: 11948 Message: 11949

I had the same issue the with xggcomms cable. I am in the process of sending it back. I did the same things; did the loopback test, checked the quiescent voltages at the acc port and tried different programs. I prefer to use HRD 5. Yadda yadda. I, too, am hoping someone has a working solution not involving the xggcomms cable.

Tom ☐Wolfie☐ Bilello, NWØLF

VE Liaison, DBARA

Cell-386-690-9412

Home-386-423-3277

NO-VEC.jpg

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of wa6rya
Sent: Sunday, February 24, 2013 13:49
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850SAT CAT comm problem

Fellow TS-850SAT Owners,
I just joined this group. What a wealth of information on this fine transceiver. I've had my 850 since the late 90s and decided to finally try CAT control. I bought a CAT-USB cable from Steve at www.xggcomms.com. The communications link has not been reliable. When first bringing up the logging software the comm link works fine for a few minutes and then hangs. I need to restart the computer and radio to re-establish the connection. I took apart the cable and did a loopback test using a terminal emulator on my computer. That worked 100%. I tried three logging programs and they showed the same symptoms. So it appears to be a marginal timing issue or something on the 850. Can anyone help me?
Thanks,
Jim
WA6RYA

[Non-text portions of this message have been removed]

11950. RE: [TS-850_450_690] TS-850SAT CAT comm problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-25 14:43:44 UTC
From: Anthony W. DePrato
Topic: 11948 Message: 11950

>go on line and get the G4ZLP interface.. $26.00 usd.. i have 7 of
>these and they are plug and play . have ran HRD on them and DXLAB .
>never a problem.. have 2-ts950sd 2- tsh 850sat ts 570d ts 790
>and a ts 870 .all worked first time.. of course you have to set the
>software port specs that you are using to kenwood or kenwood slow
>depends on the rig. 9600 8n1 works for 870 and 570 kenwood slow
>works for the rest.

73 Tony
have not interest in ZLP other then they work for me. tried others
that did not eggcomm is one.'

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

11951. Re: TS-850SAT CAT comm problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-25 11:50:18 UTC
From: Geoffrey Way
Topic: 11948 Message: 11951

Sorry, I typoed my own call:
-- KA1IOR

"Style is a simple way of saying complicated things." --J. Cocteau

```
\ /
---\--/----
/
======
\ | | ---Tao. A chinese character that
-- |----| means "Way, Path."
/ |----|
\ |____|
/_________ Geoffrey Way
```

websites: http://www.cape-vision.com/wayg/mrep
http://www.cape-vision.com/wayg/ka1ior

11952. Re: TS-850SAT CAT comm problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-25 11:49:20 UTC
From: Geoffrey Way
Topic: 11948 Message: 11952

I can heartily recommend www.piexx.com they have a USB interface that I
have used with total success.

http://www.piexx.com/index.php?main_page=advanced_search_result&search_in_description=1&keyword=TS-850

-- KAK1IOR

"Style is a simple way of saying complicated things." --J. Cocteau

```
\ /
---\--/----
/
======
\ | | ---Tao. A chinese character that
-- |----| means "Way, Path."
/ |----|
\ |____|
/_________ Geoffrey Way
```

websites: http://www.cape-vision.com/wayg/mrep
http://www.cape-vision.com/wayg/ka1ior

11953. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-26 00:39:35 UTC
From: wa5reoken
Topic: 11737 Message: 11953

Hey To All The 450s Owners; Any one else got any ideas about this mic gain control? I don't want to run this topic into the ground but there must be someone out there that knows something. If not,I will ask clif at avvid he has time to put it on the bench. BEST TO ALL, KEN WA5REO --- In TS-850_450_690@yahoogroups.com, "wa5reoken" wrote: > > Thanks guys.I thought I was on the right track after reading the > responses for message # 11906. I don't run the processor. I am just told > I can't be heard unless mic gain is turned all the way up and speaking a > little louderthan normal into the mic. I am told my audio is "KENWOOD > QUALITY'. HI. I have tried both, an MC 60 and the MC 43.I guess I will > do a little more research. I really don't want to ship this rig, but as > a last resort, I will. There is a real good tech in this group that was > recommended by the Traders Net. > Thanks To All, KEN WA5REO > > > > >
--- In TS-850_450_690@yahoogroups.com, "nm9p" > wrote:
>
> I don't know if the TS-450 has a separate processor > adjustment and metering like my TS-850 does. But if not, it may operate > as my old Icom IC-745 did...
> In Processor OFF mode, the mike gain > works as you would expect.
> In Processor ON mode, the rig > internally adjusted the gain so that it stayed properly within the right > ALC range, and the "Mike Gain" controlled the amount of > processing/compression. One of the experts on the 450 can address > this.
>
> The best way to tell if it is working properly is to > listen to your signal on another receiver with headphones while > transmitting. Or you can listen to the built in monitor (if the 450 has > one) and get some indication of your signal quality. Be careful. A > little processing goes a LONG way, and many hams use WAY too much! So > much so that it starts to sound like Channel 19 out there!
>
> > Ken - NM9P
>
>
>
>
> --- In > TS-850_450_690@yahoogroups.com, "wa5reoken" wa5reoken@ wrote:
> > >
> >
> > I apologize Frank. "Problem" was a bad choice of > words. I should have
> >
> > said that my rig operates the same > as yours with the PROC on. I really
> >
> > don't know what is > normal or if there is something wrong with it.
> >
> > I'll wait > for more feedback from the group.
> >
> > Thanks for your reply. > KEN
> >
> >

> >
> >
> >
> >
> >
> >
> > > --- In TS-850_450_690@yahoogroups.com, Frank Raffaele > wrote:
> > >
> > > I do not think it is a "problem" per se. I've > had the unit for 7 year
> > > and as far as I know this is normal > operation. However, I may be wrong.
> > > I'll await further > comments.
> > >
> > > Frank.
> > >
> > >
> > >
> > > > On 1/1/2013 2:44 PM, wa5reoken wrote:
> > > >
> > > >
> > > > > Hi Frank. Yes, looks like we have the same problem. With the PROC. on, >
> > > > I need to turn the mic gain down to the 10:00 0'clock > position. I
> > > > tried another mic, and got the same results. > Clif, do you or anyone
> > > > else have any ideas or > suggestions?
> > > >
> > > > KEN, WA5REO
> > > >
> > > > --- > In TS-850_450_690@yahoogroups.com
> > > > > , "kc2mbv" > wrote:
> > > > >
> > > > > I find that my radio behaves exactly as > you describe when I switch
> > > > off the PROC, speak in a normal > tone at roughly 4 inches from the
> > > > stock mic. With PROC off I > get no movement on the ALC meter and when I
> > > > switch it on I > get full scale deflection. (Or whatever you call FSD on
> > > > a > segmented LED meter.
> > > >
> > >
> > >
> > >
> > > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > > [Non-text portions of this message have been removed] >

11954. Re: [TS-850_450_690] Re: TS-850SAT CAT comm problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-26 03:28:51 UTC
From: James Nadal
Topic: 11948 Message: 11954

Thank you Geoffrey. I'll check out what they got.

tu es 73 de WA6RYA,
Jim

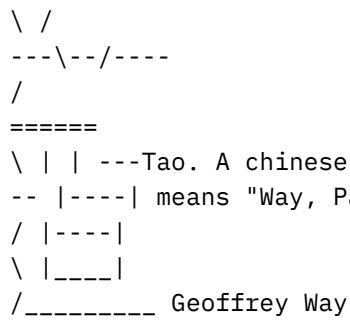
From: Geoffrey Way <wayg@cape-vision.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, February 25, 2013 3:49 AM
Subject: [TS-850_450_690] Re: TS-850SAT CAT comm problem

I can heartily recommend www.piexx.com they have a USB interface that I
have used with total success.

http://www.piexx.com/index.php?main_page=advanced_search_result&search_in_description=1&keyword=TS-850

-- KAK1IOR

"Style is a simple way of saying complicated things." --J. Cocteau



websites: http://www.cape-vision.com/wayg/mrep
http://www.cape-vision.com/wayg/ka1ior

[Non-text portions of this message have been removed]

11955. Re: [TS-850_450_690] Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-26 03:37:39 UTC
From: John Duckworth
Topic: 11737 Message: 11955

I don't know if this will help I have a 450 and I know that the audio out will differ when using a dynamic mic MC60 with the processor disabled or enabled. Then again the MC60 A (amplifier) mic will sound different when in the amplified mode verses unamplified. The processor enabled changes the audio. I use to run the processor enabled and the mic in dynamic mode but I later learnt by asking friends what was better and I decided processor disabled and mic in amplified mode. To determine final mic gain setting I asked friends on the air to tell me when I reached the max. level before distortion. I know elementary.

>_____
> From: wa5reoken <wa5reoken@...>
>To: TS-850_450_690@yahoogroups.com
>Sent: Monday, February 25, 2013 7:39:35 PM
>Subject: [TS-850_450_690] Re: TS 450S
>
>
>
>
>Hey To All The 450s Owners;
>
>Any one else got any ideas about this mic gain control?
>I don't want to run this topic into the ground but there
>must be someone out there that knows something. If not,I
>will ask clif at avvid he has time to put it on the bench.
>
>BEST TO ALL, KEN WA5REO
>
>--- In mailto:TS-850_450_690%40yahoogroups.com, "wa5reoken" wrote:
>>
>> Thanks guys.I thought I was on the right track after reading the
>> responses for message # 11906. I don't run the processor. I am just told
>> I can't be heard unless mic gain is turned all the way up and speaking a
>> little louderthan normal into the mic. I am told my audio is "KENWOOD
>> QUALITY'. HI. I have tried both, an MC 60 and the MC 43.I guess I will
>> do a little more research. I really don't want to ship this rig, but as
>> a last resort, I will. There is a real good tech in this group that was
>> recommended by the Traders Net.
>> Thanks To All, KEN WA5REO
>>
>>
>>
>>
>>
>--- In mailto:TS-850_450_690%40yahoogroups.com, "nm9p"
>> wrote:
>>

>> I don't know if the TS-450 has a separate processor
>> adjustment and metering like my TS-850 does. But if not, it may operate
>> as my old Icom IC-745 did...
>> In Processor OFF mode, the mike gain
>> works as you would expect.
>> In Processor ON mode, the rig
>> internally adjusted the gain so that it stayed properly within the right
>> ALC range, and the "Mike Gain" controlled the amount of
>> processing/compression. One of the experts on the 450 can address
>> this.
>>
>> The best way to tell if it is working properly is to
>> listen to your signal on another receiver with headphones while
>> transmitting. Or you can listen to the built in monitor (if the 450 has
>> one) and get some indication of your signal quality. Be careful. A
>> little processing goes a LONG way, and many hams use WAY too much! So
>> much so that it starts to sound like Channel 19 out there!
>>
>>
>> Ken - NM9P
>>
>>
>>
>>
>> --- In
>> mailto:TS-850_450_690%40yahoogroups.com, "wa5reoken" wa5reoken@ wrote:
>>
>> >
>> >
>> > I apologize Frank. "Problem" was a bad choice of
>> words. I should have
>> >
>> > said that my rig operates the same
>> as yours with the PROC on. I really
>> >
>> > don't know what is
>> normal or if there is something wrong with it.
>> >
>> > I'll wait
>> for more feedback from the group.
>> >
>> > Thanks for your reply.
>> KEN
>> >
>> >
>> >
>> >
>> >
>> >
>> >

>> >
>>
>> > --- In mailto:TS-850_450_690%40yahoogroups.com, Frank Raffaele
>> wrote:
>> > >
>> > > I do not think it is a "problem" per se. I've
>> had the unit for 7 year
>> > > and as far as I know this is normal
>> operation. However, I may be wrong.
>> > > I'll await further
>> comments.
>> > >
>> > > Frank.
>> > >
>> > >
>> > >
>> >
>> > On 1/1/2013 2:44 PM, wa5reoken wrote:
>> > > >
>> > > >
>> > > >
>> Hi Frank. Yes, looks like we have the same problem. With the PROC. on,
>>
>> > > > I need to turn the mic gain down to the 10:00 0'clock
>> position. I
>> > > > tried another mic, and got the same results.
>> Clif, do you or anyone
>> > > > else have any ideas or
>> suggestions?
>> > > >
>> > > > KEN, WA5REO
>> > > >
>> > > > ---
>> In mailto:TS-850_450_690%40yahoogroups.com
>> > > >
>> , "kc2mbv"
>> wrote:
>> > > > >
>> > > > > I find that my radio behaves exactly as
>> you describe when I switch
>> > > > off the PROC, speak in a normal
>> tone at roughly 4 inches from the
>> > > > stock mic. With PROC off I
>> get no movement on the ALC meter and when I
>> > > > switch it on I
>> get full scale deflection. (Or whatever you call FSD on
>> > > > a
>> segmented LED meter.
>> > > >
>> > >

>> > >
>> > >
>> > >
>> [Non-text portions of this message have been removed]
>> > >
>>
>> >
>>
>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>

[Non-text portions of this message have been removed]

11956. TS-850: Bencher Paddle - need to tune with "key down"

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 00:40:24 UTC
From: k4zot
Topic: 11956 Message: 11956

I am sure their is a simple answer to my question. I have a Bencher paddle which has to be set up on the 850 by switching on "electronic keyer" on the rear of the 850. But, when I do this I lose my ability to "hold the key down" to tune my Amp. How do I key my 850 to tune my Amp with the paddle?

Thanks,

Glenn

11957. Re: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 01:04:45 UTC
From: Bob Naylor
Topic: 11956 Message: 11957

This has been a common complaint among 850 users.I do one of three things.
1. Get use to reaching around the back and finding the switch and turning off the electronic keyer.
2. Use the "tune" button. Not for the auto tuner, the other tune button. You will get 50 or 60 watts out when keying the mic. The "carrier" adjustment will adjust it down in power from there but you cannot get the full 100 watts out this way.
3. If you use an output meter to tune your amp, set the key speed to 60 WPM or so and key it and watch your output meter as you tune. This is very effective. Do not use QSK tho!
Let us know.
Bob WE6C

--- On Tue, 2/26/13, k4zot <packardg@...t> wrote:

From: k4zot <packardg@...>
Subject: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 26, 2013, 4:40 PM

I am sure their is a simple answer to my question. I have a Bencher paddle which has to be set up on the 850 by switching on "electronic keyer" on the rear of the 850. But, when I do this I lose my ability to "hold the key down" to tune my Amp. How do I key my 850 to tune my Amp with the paddle?

Thanks,

Glenn

[Non-text portions of this message have been removed]

11958. Re: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 01:06:41 UTC
From: Dave Simmons
Topic: 11956 Message: 11958

There may be an easier way, but this mod allows you to key it directly
while you have paddle in use: http://zievid.com/W6OT/TS-850/TS-850.htm
- Dave W6OT

On Tue, Feb 26, 2013 at 4:40 PM, k4zot <packardg@...> wrote:

>
>
>
> I am sure their is a simple answer to my question. I have a Bencher paddle
> which has to be set up on the 850 by switching on "electronic keyer" on the
> rear of the 850. But, when I do this I lose my ability to "hold the key
> down" to tune my Amp. How do I key my 850 to tune my Amp with the paddle?
>
> Thanks,
>
> Glenn
>
>
>

[Non-text portions of this message have been removed]

11959. Re: TS 450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 00:02:10 UTC
From: wa5reoken
Topic: 11737 Message: 11959

Thanks for reply John. I must ask where is the mic gain control setting at when you are using the MC 60 unamplified and proc off?
I have the proc off and using an MC 60 unamplified mic, the mic gain control needs to be all the way up and speak a little louder than normal into the mic. Under these conditions, the ALC is normal and the audio, I am told, sounds good. I just think that something is wrong or something is getting ready to go out that requires the audio gain control to be set at max.

Thanks Again, KEN WA5REO

--- In TS-850_450_690@yahoogroups.com, John Duckworth <jed109@...> wrote:
>
> I don't know if this will help I have a 450 and I know that the audio out will differ when using a dynamic mic MC60 with the processor disabled or enabled.Â Then again the MC60 A (amplifier) mic will sound different when in the amplified mode verses unamplified. The processor enabled changes the audio.Â I use to run the processor enabled and the mic in dynamic mode but I later learntÂ by asking friends what was better and I decided processor disabled and mic in amplified mode.Â To determine final mic gain setting I asked friends on the airÂ to tell me when I reached the max. level before distortion.Â I know elementary.
> >
> >
> >
> > >_____
> > > From: wa5reoken <wa5reoken@...>
> > >To: TS-850_450_690@yahoogroups.com
> > >Sent: Monday, February 25, 2013 7:39:35 PM
> > >Subject: [TS-850_450_690] Re: TS 450S
> > >
> > >Â
> > > >
> > > >
> > >Hey To All The 450s Owners;
> > >
> > >Any one else got any ideas about this mic gain control?
> > >I don't want to run this topic into the ground but there
> > >must be someone out there that knows something. If not,I
> > >will ask clif at avvid he has time to put it on the bench.
> > >
> > >BEST TO ALL, KEN WA5REO
> > >
> > >--- In mailto:TS-850_450_690%40yahoogroups.com, "wa5reoken" wrote:
> > >>
> > >> Thanks guys.I thought I was on the right track after reading the

> >> responses for message # 11906. I don't run the processor. I am just told
> >> I can't be heard unless mic gain is turned all the way up and speaking a
> >> little louderthan normal into the mic. I am told my audio is "KENWOOD
> >> QUALITY'. HI. I have tried both, an MC 60 and the MC 43.I guess I will
> >> do a little more research. I really don't want to ship this rig, but as
> >> a last resort, I will. There is a real good tech in this group that was
> >> recommended by the Traders Net.
> >> Thanks To All, KEN WA5REO
> >>
> >>
> >>
> >>
> >>
> >--- In mailto:TS-850_450_690%40yahoogroups.com, "nm9p"
> >> wrote:
> >>
> >> I don't know if the TS-450 has a separate processor
> >> adjustment and metering like my TS-850 does. But if not, it may operate
> >> as my old Icom IC-745 did...
> >> In Processor OFF mode, the mike gain
> >> works as you would expect.
> >> In Processor ON mode, the rig
> >> internally adjusted the gain so that it stayed properly within the right
> >> ALC range, and the "Mike Gain" controlled the amount of
> >> processing/compression. One of the experts on the 450 can address
> >> this.
> >>
> >> The best way to tell if it is working properly is to
> >> listen to your signal on another receiver with headphones while
> >> transmitting. Or you can listen to the built in monitor (if the 450 has
> >> one) and get some indication of your signal quality. Be careful. A
> >> little processing goes a LONG way, and many hams use WAY too much! So
> >> much so that it starts to sound like Channel 19 out there!
> >>
> >>
> >> Ken - NM9P
> >>
> >>
> >>
> >>
> >> --- In
> >> mailto:TS-850_450_690%40yahoogroups.com, "wa5reoken" wa5reoken@ wrote:
> >>
> >> >
> >> >
> >> > I apologize Frank. "Problem" was a bad choice of
> >> words. I should have
> >> >
> >> > said that my rig operates the same
> >> as yours with the PROC on. I really

> >> >
> >> > don't know what is
> >> normal or if there is something wrong with it.
> >> >
> >> > I'll wait
> >> for more feedback from the group.
> >> >
> >> > Thanks for your reply.
> >> KEN
> >> >
> >> >
> >> >
> >> >
> >> >
> >> >
> >> >
> >> >
> >>
> >> > --- In mailto:TS-850_450_690%40yahoogroups.com, Frank Raffaele
> >> wrote:
> >> > >
> >> > > I do not think it is a "problem" per se. I've
> >> had the unit for 7 year
> >> > > and as far as I know this is normal
> >> operation. However, I may be wrong.
> >> > > I'll await further
> >> comments.
> >> > >
> >> > > Frank.
> >> > >
> >> > >
> >> > >
> >> >
> >> > On 1/1/2013 2:44 PM, wa5reoken wrote:
> >> > > >
> >> > > >
> >> > > >
> >> Hi Frank. Yes, looks like we have the same problem. With the PROC. on,
> >>
> >> > > > I need to turn the mic gain down to the 10:00 0'clock
> >> position. I
> >> > > > tried another mic, and got the same results.
> >> Clif, do you or anyone
> >> > > > else have any ideas or
> >> suggestions?
> >> > > >
> >> > > > KEN, WA5REO
> >> > > >
> >> > > > ---
> >> In mailto:TS-850_450_690%40yahoogroups.com

> >> > > >
> >> , "kc2mbv"
> >> wrote:
> >> > > > >
> >> > > > > I find that my radio behaves exactly as
> >> you describe when I switch
> >> > > > off the PROC, speak in a normal
> >> tone at roughly 4 inches from the
> >> > > > stock mic. With PROC off I
> >> get no movement on the ALC meter and when I
> >> > > > switch it on I
> >> get full scale deflection. (Or whatever you call FSD on
> >> > > > a
> >> segmented LED meter.
> >> > > >
> >> > >
> >> > >
> >> > >
> >> > >
> >> [Non-text portions of this message have been removed]
> >> > >
> >>
> >> >
> >>
> >
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >
> >
> > Â Â
>
> [Non-text portions of this message have been removed]
>

11960. Re: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 02:27:16 UTC
From: Tom Osborne
Topic: 11956 Message: 11960

What I do here with my '450 is put it in the FSK mode, hit 'send' and that sends out a carrier.

I'd think the '850 should have a FSK mode? 73
Tom W7WHY

I am sure their is a simple answer to my question. I have a Bencher paddle which has to be set up on the 850 by switching on "electronic keyer" on the rear of the 850. But, when I do this I lose my ability to "hold the key down" to tune my Amp. How do I key my 850 to tune my Amp with the paddle?

Thanks,

Glenn

11961. Re: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 03:15:56 UTC
From: Mel Cruts
Topic: 11956 Message: 11961

Hi,

Easy one...
1. Have controls set-up so that display reads WATTS output and SWR.
2. back off to aproximately 11 o'clock on the CAR control.
3. depress the combination "tune & 8" key on the frequency entry keypad
on the 850 front panel...the TUNE indicator will come on.
4. depress push to talk on either the microphone or REC/SEND button on
front panel...rig goes into transmit mode.
5. adjust the CAR control so that you get proper drive to tune your amp.
This procedure is also appropriate for tuning up an external tuner.
6. when finished release the transceiver from xmit mode by releasing the
PTT or REC/SEND button.
7. when linear/antenna tuner adjustment is complete return the CAR
control to it's normal operating position
8. to assure your 850 is tuned properly for the linear input impedance,
enable the THRU/AUTO button to enable the automatic tuner.
9. depress the AT TUNE button once to let the auto-tuner match the
linear amp input impedance for optimum performance.
It should complete the tune-up in a second or less.

I believe the 850 puts out this tune-up carrier on the indicated
operating frequency (zero beat) so it don't interfere with communication
on the channel
when you are in USB/LSB mode by giving everyone the tuner-upper blues
from listening to your high power carrier. The tune-up procedure on
many
Kenwoods from TS-840, TS-850, TS-870, TS-480 and TS-590 is approximately
the same.

73,
Mel - KF6OZ

On Tue, 2013-02-26 at 18:27 -0800, Tom Osborne wrote:

>
>
> What I do here with my '450 is put it in the FSK mode, hit 'send' and
> that
> sends out a carrier.
>
> I'd think the '850 should have a FSK mode? 73
> Tom W7WHY
>
> I am sure their is a simple answer to my question. I have a Bencher

> paddle
> which has to be set up on the 850 by switching on "electronic keyer"
> on the
> rear of the 850. But, when I do this I lose my ability to "hold the
> key
> down" to tune my Amp. How do I key my 850 to tune my Amp with the
> paddle?
>
> Thanks,
>
> Glenn
>
>
>
>
>

[Non-text portions of this message have been removed]

11962. Re: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 16:16:08 UTC
From: Bob Naylor
Topic: 11956 Message: 11962

Yes the 850 has FSK. I'll have to try that.Bob WE6C

--- On Tue, 2/26/13, Tom Osborne <w7why@...> wrote:

From: Tom Osborne <w7why@frontier.com>
Subject: Re: [TS-850_450_690] TS-850: Bencher Paddle - need to tune with "key down"
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, February 26, 2013, 6:27 PM

What I do here with my '450 is put it in the FSK mode, hit 'send' and that

sends out a carrier.

I'd think the '850 should have a FSK mode? 73

Tom W7WHY

I am sure their is a simple answer to my question. I have a Bencher paddle

which has to be set up on the 850 by switching on "electronic keyer" on the

rear of the 850. But, when I do this I lose my ability to "hold the key

down" to tune my Amp. How do I key my 850 to tune my Amp with the paddle?

Thanks,

Glenn

[Non-text portions of this message have been removed]

11963. Re:Tune with FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 23:27:55 UTC
From: GLENN PACKARD
Topic: 11963 Message: 11963

Tom - your suggestion works great and is the simple - just turn on your FSK to tune-up. Is there any draw-back to using this technique while tuning my Yaesu FL-2100B Amp.

Thanks,

Glenn

[Non-text portions of this message have been removed]

11964. Re: [TS-850_450_690] Re:Tune with FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 23:32:04 UTC
From: Bob Naylor
Topic: 11963 Message: 11964

Tom, Glenn, I didn't know about this but I tried it and it works great! Thanks for sharing and thanks Glenn for asking that question!
73, Bob WE6C

--- On Wed, 2/27/13, GLENN PACKARD <packardg@...> wrote:

From: GLENN PACKARD <packardg@...>
Subject: [TS-850_450_690] Re:Tune with FSK
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, February 27, 2013, 3:27 PM

Tom - your suggestion works great and is the simple - just turn on your FSK to

tune-up. Is there any draw-back to using this technique while tuning my Yaesu

FL-2100B Amp.

Thanks,

Glenn

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11965. Re: [TS-850_450_690] Re:Tune with FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-27 23:51:00 UTC
From: Tom Osborne
Topic: 11963 Message: 11965

Should be no problem.

You can vary the amount of power with your 'PWR' control on the '850 to turn
it down when tuning up. 73

Tom W7WHY

Tom - your suggestion works great and is the simple - just turn on your FSK
to
tune-up. Is there any draw-back to using this technique while tuning my
Yaesu
FL-2100B Amp.

Thanks,

Glenn

11966. kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-28 17:43:55 UTC
From: J R
Topic: 8037 Message: 11966

HI GUYS
 GOT A QUESTION I HAVE A KW 850 WHE I TUR IT ON IT SCANS TO 30.000.00 AND STOPS ? I CAN DO A COMPLETE RESET AND IT STARTS ALL OVER AGN STARTS AT 14.000.00 GOES TO 30.000.00 CANT CHANGE ANYTHING ON IT IT DOES KEY UP VOLUME WORKS BUT JUST HAD NEW FINALS NEW BATTERY CHANGED A FEW CAPS AND ALINED AND WORK WAS DONE BY CLIF AVVID ABT A YEAR AGO . I USED IT FOR A MONTH OR SO AND GOT A NEW RADIO AND SET THIS OHE ON THE SELF ABOUT 7 TO 8 MONTHS SO THE RTTY COTEST WAS COMING UP AND I LOVE THIS RIG ON RTTY . DONT TAKE ME WRONG IT WORKED GREAT WHEN I GOT IT BACK FROM CLIF I MAY SEND IT BACK TO CLIF BUT IF THERE IS SOMETHING I CAN DO ILL TRY ??? FIRST OR I MY JUST SELL IT OR TRADE FOR ANOTHER RIG ???? BUT I HAVE CHECKED THE SCAN BUTTON I DONT THINK IT IS STUCK I CHECKED THE MIC AND TRYED A DIFFERENT MIC ? THERE IS NOTHINK ELES HOOKED UP TO THE RIG .
+++++++ NEED HELP ++++++ JR

[Non-text portions of this message have been removed]

11967. Re: kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-28 18:26:36 UTC
From: espedito rizzuti
Topic: 8037 Message: 11967

I had your problem on my TS-850, the defect was: did the reset to 14.0000 MHz, the radio occasionally slipping as if it were scanning up to 30.mhz then crashed after a while you occasionally blocked or locked Remained until some component is heated and returned to normal operation.
The solution after months of detention in two service centers kenwood was the replacement of the entire board "x46-308-a6 digital unit", probably 15 years ago you could not technically unsolder the offending component for this defect with modest desoldering equipment, it is Certain That 99% of That defect in my case was on That card That I Mentioned: Digital unit
x46-308x-xx-(page 131 service manual) can 'Also to be cold welding. Good luck for the record That card costs about 80 euro on the used market for spare parts.
73 de ik8vze espedito

--- In TS-850_450_690@yahoogroups.com, J R <wu8q2000@...> wrote:
>
> HI GUYS
> GOT A QUESTION I HAVE A KW 850 WHE I TUR IT ON IT SCANS TO 30.000.00 AND STOPS ? I CAN DO A COMPLETE RESET AND IT STARTS ALL OVER AGN STARTS AT 14.000.00 GOES TO 30.000.00 CANT CHANGE ANYTHING ON IT IT DOES KEY UP VOLUME WORKS BUT JUST HAD NEW FINALS NEW BATTERY CHANGED A FEW CAPS AND ALINED AND WORK WAS DONE BY CLIF AVVID ABT A YEAR AGO . I USED IT FOR A MONTH OR SO AND GOT A NEW RADIO AND SET THIS OHE ON THE SELF ABOUT 7 TO 8 MONTHS SO THE RTTY COTEST WAS COMING UP AND I LOVE THIS RIG ON RTTY . DONT TAKE ME WRONG IT WORKED GREAT WHEN I GOT IT BACK FROM CLIF I MAY SEND IT BACK TO CLIF BUT IF THERE IS SOMETHING I CAN DO ILL TRY ??? FIRST OR I MY JUST SELL IT OR TRADE FOR ANOTHER RIG ????
> BUT I HAVE CHECKED THE SCAN BUTTON I DONT THINK IT IS STUCK I CHECKED THE MIC AND TRYED A DIFFERENT MIC ? THERE IS NOTHINK ELES HOOKED UP TO THE RIG .
> +++++++ NEED HELP ++++++ JR
>
> [Non-text portions of this message have been removed]
>

11968. ts 850 alc problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-28 16:54:42 UTC
From: Gustavo
Topic: 11968 Message: 11968

Mi ts-850 have a alc problem and i replace the original dc dc board with 0z1xbm board, the problem occurs with an error in conection of board and short the 14 v line. at this moment the 14 volt line is in 7.8 v where search the problem? the dc dc board 1mh choque is open ? the Am Mode dont work. the display show -1 lsb when select AM mode

the transceiver transmit and receive, no problem. any ideas?

sorry for my english

Gus Andrada
lw3ewz

11969. Re: [TS-850_450_690] kenwood ts 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-02-28 19:28:20 UTC
From: Dave Rust
Topic: 8037 Message: 11969

JR, its been a long while since I have had a TS850s, but they are a fine radio. Wish I had mine back.

Are there upper and lower scan limits that are programmable. I don't have a manual to check this out, but if you can research your manual see what it says about scan start and stop places.

73 and let us know Dave W0DLR

[Non-text portions of this message have been removed]

11970. TS-850 advice

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-01 16:09:25 UTC
From: Adi Toplician
Topic: 11970 Message: 11970

Hello

I plan to buy a TS-850, unfortunatelly both offers are serials starting with 03xxx and I'm not sure it is the best solution for me. I work mostly CW interested in DX and sometime contests. Other choice will be TS-870. I just sold an FT-920 because of loud QSK and audio "pops" when on CW.

How is the 850 on full bk-in?

I also use FT-950/FT-2000, IC-756 pro II, III but what I observed is a degradation of Signal/Noise factor when narrow the bandwidth of the IF Dsp. Lower bandwidth=more noise. Only exception tested are Orion 565 and K3 but these are outside my price range.

Is it 870 a better solution or 850 (quite old now) is doing good also? On 850 I?m afraid of the bad capacitors and problems derived from this issue.

Any advice will be appreciated!

73! Adi
Yo2liw
Yq0ant

[Non-text portions of this message have been removed]

11971. ts 850 sale or trade

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-01 17:15:02 UTC
From: J R
Topic: 11971 Message: 11971

hi guys i posted the problem with this 850 yesterday got a few answers .
but im not a tech ad dot have the equiment to test it with so i think best for me is to try and get some of my money back you can call me 304-252 4049 or email me . it has new finals, need battery,
its ser# starts 61 has the newer chips , it has be alined april last year well all this was done then.
its set on the shelf
was going to use on a contest and found when i turned it on it just stated to scaning from 14.000.00 to 30.000.00 and stops but cant get it to set they freq. i did a full reset and it just starts the scan agn 14-to30 mhz and stops . we can talk if your interested .i dont no f its something with the equiment is easy fi or not .but i dont have the no how hi hi .
i love this rig i hate to part with it but my wife said she was tired of me crying abt it ???
ask for JR

[Non-text portions of this message have been removed]

11972. Re: [TS-850_450_690] TS-850 advice

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-01 19:51:13 UTC
From: WB4CIW@...
Topic: 11970 Message: 11972

Hi Adi
Both radios are great. I purchased an 850 back in 1994, and ran it for over a decade as a
Navy MARS PACTOR BBS 24/7/365 and never had a lick of trouble. I purchased an 870 when
they first came out and it has been my primary radio at my other (now permanent) QTH.
As I understand it, the 850 parts are becoming scarce, but the 870 parts are still available.

Frank
WB4CIW

In a message dated 3/1/2013 9:33:38 A.M. Mountain Standard Time,
adi.top@... writes:

Hello

I plan to buy a TS-850, unfortunatelly both offers are serials starting with 03xxx and I'm not sure it is the best solution for me. I work mostly CW interested in DX and sometime contests. Other choice will be TS-870.
I just sold an FT-920 because of loud QSK and audio "pops" when on CW.

How is the 850 on full bk-in?

I also use FT-950/FT-2000, IC-756 pro II, III but what I observed is a degradation of Signal/Noise factor when narrow the bandwidth of the IF Dsp.
Lower bandwidth=more noise. Only exception tested are Orion 565 and K3 but these are outside my price range.

Is it 870 a better solution or 850 (quite old now) is doing good also?
On 850 I知 afraid of the bad capacitors and problems derived from this issue.

Any advice will be appreciated!

73! Adi
Yo2liw
Yq0ant

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11973. Re: [TS-850_450_690] ts 850 sale or trade

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-02 11:31:38 UTC
From: Eric Snyder
Topic: 11971 Message: 11973

You said it needs a new battery. As I recall a bad memory back up battery may cause your current issue. Try repalcing it or doing the back up battery replacement mod. It's worth a try.
N7DLV

From: J R <wu8q2000@...>
To: kenwood group <TS-850_450_690@yahoogroups.com>
Sent: Friday, March 1, 2013 9:15 AM
Subject: [TS-850_450_690] ts 850 sale or trade

hi guys i posted the problem with this 850 yesterday got a few answers .
but im not a tech ad dot have the equiment to test it with so i think best for me is to try and get some of my money back you can call me 304-252 4049 or email me . it has new finals, need battery,
its ser# starts 61 has the newer chips , it has be alined april last year well all this was done then.
its set on the shelf
was going to use on a contest and found when i turned it on it just stated to scaning from 14.000.00 to 30.000.00 and stops but cant get it to set they freq. i did a full reset and it just starts the scan agn 14-to30 mhz and stops . we can talk if your interested .i dont no f its something with the equiment is easy fi or not .but i dont have the no how hi hi .
i love this rig i hate to part with it but my wife said she was tired of me crying abt it ???
ask for JR

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

11974. Re: [TS-850_450_690] ts 850 sale or trade

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-02 23:40:42 UTC
From: J R
Topic: 11971 Message: 11974

no i have already replaced the battery abt a year clif @avvid did the work so imm sure that part is ok clif had the rig in top shape i had it repaired a year ago new finals new battery and few caps were bad and had it aligend what ever it is it has been setting on the self 7 months ??
im no tech by any means somethink has lost a ground unlatch scan button clif told me to check the scan button and the mic plug ? so im not sure what it is but tnx for reply
JR

From: Eric Snyder <n7dlv@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 2, 2013 6:31 AM
Subject: Re: [TS-850_450_690] ts 850 sale or trade

You said it needs a new battery. As I recall a bad memory back up battery may cause your current issue. Try repalcing it or doing the back up battery replacement mod. It's worth a try.
N7DLV

From: J R mailto:wu8q2000%40yahoo.com>
To: kenwood group mailto:TS-850_450_690%40yahoogroups.com>
Sent: Friday, March 1, 2013 9:15 AM
Subject: [TS-850_450_690] ts 850 sale or trade

hi guys i posted the problem with this 850 yesterday got a few answers .
but im not a tech ad dot have the equiment to test it with so i think best for me is to try and get some of my money back you can call me 304-252 4049 or email me . it has new finals, need battery,
its ser# starts 61 has the newer chips , it has be alined april last year well all this was done then.
its set on the shelf
was going to use on a contest and found when i turned it on it just stated to scaning from 14.000.00 to 30.000.00 and stops but cant get it to set they freq. i did a full reset and it just starts the scan agn 14-to30 mhz and stops . we can talk if your interested .i dont no f its something with the equiment is easy fi or not .but i dont have the no how hi hi .
i love this rig i hate to part with it but my wife said she was tired of me crying abt it ???
ask for JR

[Non-text portions of this message have been removed]

THANKS FOR USING mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11975. Re: [TS-850_450_690] ts 850 sale or trade

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-03 00:01:21 UTC
From: ik8vze
Topic: 11971 Message: 11975

even if I insist on fault on the digital unit, battery replacement involves little, although over the years can 'damage the tracks on the PCB of the digital unit, you have to look at the ICs mounted on the digital unit, the default is the same as I had too, the low battery voltage of 3 volts would only have resulted in the failure to maintain the memory. intervenes or if possible on the digital unit where tests on transistors or integrated whenever possible and replace IC, or trying a new digital unit . I am now vintage radio, the last repair I did on the capacitor c18 sata on display for the record that capacitor does not turn more 'if the display is not replaced. Try using a hair dryer to warm up for the exclusion integrated on the digital unit and use a spray coolant in order to intuitively understand where is the component that is causing the malfunction
bye
----- Original Message -----
From: J R
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 03, 2013 12:40 AM
Subject: Re: [TS-850_450_690] ts 850 sale or trade

no i have already replaced the battery abt a year clif @avvid did the work so imm sure that part is ok clif had the rig in top shape i had it repaired a year ago new finals new battery and few caps were bad and had it aligend what ever it is it has been setting on the self 7 months ??
im no tech by any means somethink has lost a ground unlatch scan button clif told me to check the scan button and the mic plug ? so im not sure what it is but tnx for reply
JR

From: Eric Snyder n7dlv@...>
To: "TS-850_450_690@yahoogroups.com" TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 2, 2013 6:31 AM
Subject: Re: [TS-850_450_690] ts 850 sale or trade

You said it needs a new battery. As I recall a bad memory back up battery may cause your current issue. Try repalcing it or doing the back up battery replacement mod. It's worth a try.
N7DLV

From: J R mailto:wu8q2000%40yahoo.com>
To: kenwood group mailto:TS-850_450_690%40yahoogroups.com>
Sent: Friday, March 1, 2013 9:15 AM
Subject: [TS-850_450_690] ts 850 sale or trade

hi guys i posted the problem with this 850 yesterday got a few answers .
but im not a tech ad dot have the equiment to test it with so i think best for me is to try and get some of my money back you can call me 304-252 4049 or email me . it has new finals, need battery,

its ser# starts 61 has the newer chips , it has be alined april last year well all this was done then.
its set on the shelf
was going to use on a contest and found when i turned it on it just stated to scaning from 14.000.00 to 30.000.00 and stops but cant get it to set they freq. i did a full reset and it just starts the scan agn 14-to30 mhz and stops . we can talk if your interested .i dont no f its something with the equiment is easy fi or not .but i dont have the no how hi hi . i love this rig i hate to part with it but my wife said she was tired of me crying abt it ???
ask for JR

[Non-text portions of this message have been removed]

THANKS FOR USING mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

11976. Re: ts 850 sale or trade

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-03 00:01:55 UTC
From: espedito rizzuti
Topic: 11971 Message: 11976

even if I insist on fault on the digital unit, battery replacement involves little, although over the years can 'damage the tracks on the PCB of the digital unit, you have to look at the ICs mounted on the digital unit, the default is the same as I had too, the low battery voltage of 3 volts would only have resulted in the failure to maintain the memory. intervenes or if possible on the digital unit where tests on transistors or integrated whenever possible and replace IC, or trying a new digital unit . I am now vintage radio, the last repair I did on the capacitor c18 sata on display for the record that capacitor does not turn more 'if the display is not replaced. Try using a hair dryer to warm up for the exclusion integrated on the digital unit and use a spray coolant in order to intuitively understand where is the component that is causing the malfunction

--- In TS-850_450_690@yahoogroups.com, J R <wu8q2000@...> wrote:
>
> no i have already replaced the battery abt a year clifÂ Â @avvid did the workÂ so imm sure that part is okÂ clifÂ had the rig in top shapeÂ i had it repaired a year ago new finalsÂ new battery and few caps were bad and had it aligend whatÂ ever it is it has been setting on the self 7 months ??
> im no tech by any meansÂ somethink has lost a ground unlatch scan buttonÂ clif told me to check the scan button and the mic plugÂ Â ? so im not sure what it isÂ Â but tnxÂ for reply
> JR
>
>
> _____
> From: Eric Snyder <n7dlv@...>
> To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, March 2, 2013 6:31 AM
> Subject: Re: [TS-850_450_690] ts 850 sale or trade
>
>
> Â
>
> You said it needs a new battery.Â As I recall a bad memory back up battery may cause your current issue.Â Try repalcing it or doing the back up battery replacement mod.Â It's worth a try.
> N7DLV
>
>
> _____
> From: J R mailto:wu8q2000%40yahoo.com>
> To: kenwood group mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Friday, March 1, 2013 9:15 AM
> Subject: [TS-850_450_690] ts 850 sale or trade
>
> hi guys i posted the problem with this 850 yesterday got a few answers .

> but im not a tech ad dot have the equiment to test it withÂ so i think best for me is to try and get some of my money backÂ you can call me 304-252 4049 or email me . it has new finals, need battery,
> its ser# starts Â 61Â has the newer chips , it has be alined april lastÂ Â Â year well all this was done then.
> its set on the shelf
> was going to use on a contest and found when i turned it onÂ Â it just stated to scaning from 14.000.00 to 30.000.00 and stopsÂ but cant get it to set they freq. i did a full reset and it just starts the scan agn 14-to30 mhz and stops . we can talk if your interested .i dont no f its something with the equiment is easy fi or not .but i dont have the no how hi hi . i love this rig i hate to part with itÂ Â but my wife said she was tired of me crying abt it ???
> ask for JR
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> THANKS FOR USING mailto:TS-850_450_690%40YAHOOGROUPS.COMYahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11977. '850 speaker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-03 20:53:10 UTC
From: w9jlk
Topic: 11977 Message: 11977

Is there a Kenwood speaker that matches the 850 in height and color other than the sp 31? I would like to have a matching speaker but I don't need the audio filtering, etc. tnx/73
Jerry
W9JLK

11978. DSP Unit W4RT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-04 19:50:41 UTC
From: Joe Cotignola
Topic: 11978 Message: 11978

Hi..was just monitoring the TS-440S group and see an internal DSP unit available from W4RT for the TS-440S.

Anyone have information as to whether this can be installed in an 850 ?

tnx

Joe WR2B

[Non-text portions of this message have been removed]

11979. Re: DSP Unit W4RT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-04 20:14:20 UTC
From: avvidclif
Topic: 11978 Message: 11979

It shouldn't be a problem at all. Put it in before the vol pot.

Clif

--- In TS-850_450_690@yahoogroups.com, "Joe Cotignola" <connjc@...> wrote:
>
> Hi..was just monitoring the TS-440S group and see an internal DSP unit available from W4RT for the TS-440S.
>
> Anyone have information as to whether this can be installed in an 850 ?
>
> tnx
>
> Joe WR2B
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

11980. Re: [TS-850_450_690] '850 speaker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-04 02:07:09 UTC
From: Crownhaven
Topic: 11977 Message: 11980

I don't think so. The audio filtering is nice in my opinion. I make good use of it. Have you tried one? Another nice thing about them is you can use them with two radios. I run my TS-590S next to whatever other Kenwood seems to please me for the appropriate week or month (TS-450S right now) and it is nice to be able to switch the speaker between the two radios. Just my two cents.

Regards,

Steve, N4JQQ

On 3/3/2013 2:53 PM, w9jlk wrote:
>
> Is there a Kenwood speaker that matches the 850 in height and color
> other than the sp 31? I would like to have a matching speaker but I
> don't need the audio filtering, etc. tnx/73
> Jerry
> W9JLK
>
>

[Non-text portions of this message have been removed]

11981. Removing screws from the digital board (TS850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-09 22:26:16 UTC
From: Jason Ball
Topic: 11283 Message: 11981

Hi all,

Anybody have any hints on how to remove the security screws holding in the digital board without risking damage to the board?

I need to replace the battery and recap the board.

J

11982. Re: Removing screws from the digital board (TS850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-10 17:11:59 UTC
From: avvidclif
Topic: 11283 Message: 11982

What security screws? Never seen any there????

Clif

--- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
>
> Hi all,
>
> Anybody have any hints on how to remove the security screws holding in the digital board without risking damage to the board?
>
> I need to replace the battery and recap the board.
>
> J
>

11983. TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-10 23:11:10 UTC
From: rzacharkow
Topic: 11202 Message: 11983

Gonna ask maybe a crazy question:
Am the original owner (1993) of a TS-450SAT: powered by an Astron RS-35M, years ago put in the TU-8 tone unit, have the YK_88SN-1, YK-88CN-1, (also have the YK-88C-1), and the YG-455C-1 filters. Use the stock MC-432S mike, and the PS-23 external speaker. Use a MFJ-490 memory keyer. My ant is a G5RV up about 33 feet. No amp. Into CW.

Yes, this stuff is 20 yrs old. How hamstrung am I by staying with this rig??? (rather that upgrading to a 590) (I am not a contester...just a basic rag chew guy).

Been driving myself nuts over wondering.

Thanks in advance.

Rick

11984. Re: [TS-850_450_690] TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 01:13:39 UTC
From: Tom Osborne
Topic: 11202 Message: 11984

HI Rick

Got 2 of the '450's here and I love 'em. I also have a FT-450 and it's not near the radio the Kenwoods are.

New radios are always fun, and you can't have too many of them. 73
Tom W7WHY

Gonna ask maybe a crazy question:
Am the original owner (1993) of a TS-450SAT: powered by an Astron RS-35M, years ago put in the TU-8 tone unit, have the YK_88SN-1, YK-88CN-1, (also have the YK-88C-1), and the YG-455C-1 filters. Use the stock MC-432S mike, and the PS-23 external speaker. Use a MFJ-490 memory keyer. My ant is a G5RV up about 33 feet. No amp. Into CW.

Yes, this stuff is 20 yrs old. How hamstrung am I by staying with this rig??? (rather that upgrading to a 590) (I am not a contester...just a basic rag chew guy).

Been driving myself nuts over wondering.

Thanks in advance.

Rick

11985. Re: [TS-850_450_690] TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 01:26:29 UTC
From: Dave Rust
Topic: 11202 Message: 11985

Rick, I have a 450s and it does everything I need. Hang on to it, they will be running hopefully for years to come.
73 W0DLR Dave

[Non-text portions of this message have been removed]

11986. Re: Removing screws from the digital board (TS850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 10:58:55 UTC
From: bswadener
Topic: 11283 Message: 11986

Maybe they were a service tech addition, after the rig was attacked a Golden Screwdriver? Of course, they would be more effective if installed in the outer cabinet instead. ;-)

vy 73,
Bryan WA7PRC

Clif wrote:
>
> What security screws? Never seen any there????
>
> Clif
>
> Jason Ball wrote:
> >
> > Hi all,
> >
> > Anybody have any hints on how to remove the security screws
> > holding in the digital board without risking damage to the
> > board?
> >
> > I need to replace the battery and recap the board.
> >
> > J

11987. Re: TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 11:16:45 UTC
From: Wilson Lamb
Topic: 11202 Message: 11987

I have a TS-450 and really like it. Have used it in the fairly busy bands on FD and find it very capable.
I got an FT-950 a few months ago and enjoy messing with the features. It has some effective capabilities, but the real difference is minimal.
If you have both 500Hz filters and know how to use everything, there's no real need for another radio.
I'm not sure the new Kenwoods are better, since I have heard mixed reviews.
What's for sure is that just part of the cost of something new put into 30' of used tower and a tribander will do more for you than any radio!
There are still people around who can repair the TS-450, so you should get to know Clif and anyone local you can locate and check out.
Shipping is brutal, but still a lot less than new gear.
It might even be worthwhile to have the trouble spots taken care of before they show up, if you want to keep the radio.
Sooner or later we'll run out of parts, but there are quite a few junkers still around.
If you spend your time learning some technical stuff and developing skills, instead of reading ads, you'll feel better!
The Antenna Book and old Handbooks are your best friends!
73,
Wilson
W4BOH, 1957

[Non-text portions of this message have been removed]

11988. Re: [TS-850_450_690] Re: Removing screws from the digital board (TS850S)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 11:57:03 UTC
From: Jason Ball
Topic: 11283 Message: 11988

Possible, but unlikely from what i know of the prior owner.

I bought the radio from a deceased estate, and the home made kit included some of the best made gear i have ever seen. That included a multi kw linear that that demonstrated the art in radio design.

Doesnt mean it wasnt a golden screw driver of course.

Im going to order some silver steel (tooling steel) and see if i can fabricate a suitable nut setter on my CNC. It will be tricky as i dont really have the spindle speed for the size bits ill need for this job.

Cheers
J

On 11/03/2013, at 9:58 PM, "bswadener" <bswadener@yahoo.com> wrote:

> Maybe they were a service tech addition, after the rig was attacked a Golden Screwdriver? Of course, they would be more effective if installed in the outer cabinet instead. ;-)
>
> vy 73,
> Bryan WA7PRC
>
> Clif wrote:
> >
> > What security screws? Never seen any there????
> >
> > Clif
> >
> > Jason Ball wrote:
> > >
> > > Hi all,
> > >
> > > Anybody have any hints on how to remove the security screws
> > > holding in the digital board without risking damage to the
> > > board?
> > >
> > > I need to replace the battery and recap the board.
> > >
> > > J
>
>

[Non-text portions of this message have been removed]

11989. Re: [TS-850_450_690] TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 13:07:36 UTC
From: Tom Waraksa
Topic: 11202 Message: 11989

Rick,

I have a TS450SAT and love it. I works great and I only bought it two years ago used on Craig's List. I keep it at my vacation home and it works great. Since then I have bought a brand new TS480SAT. Love it also, but for casual operators like you and me, it performs on a very similar performance level to the 450. So, I would recommend keeping it. New rigs have more bells and whistles and are nice and shiny but most of us rely on the basics 95% of the time. The 450 has the basics.

Good luck and sleep easier.

73,

Tom AF8P

From: rzacharkow <rzacharkow@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 10, 2013 7:11 PM
Subject: [TS-850_450_690] TS-450SAT

Gonna ask maybe a crazy question:
Am the original owner (1993) of a TS-450SAT: powered by an Astron RS-35M, years ago put in the TU-8 tone unit, have the YK_88SN-1, YK-88CN-1, (also have the YK-88C-1), and the YG-455C-1 filters. Use the stock MC-432S mike, and the PS-23 external speaker. Use a MFJ-490 memory keyer. My ant is a G5RV up about 33 feet. No amp. Into CW.

Yes, this stuff is 20 yrs old. How hamstrung am I by staying with this rig??? (rather that upgrading to a 590) (I am not a contester...just a basic rag chew guy).

Been driving myself nuts over wondering.

Thanks in advance.

Rick

[Non-text portions of this message have been removed]

11990. Re: [TS-850_450_690] TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 15:47:16 UTC
From: Trent
Topic: 11202 Message: 11990

Thought I'd weigh in on this issue. I have a TS-690S that I've had for a couple of years, maybe 3. I have a headset and use VOX, and also computer control cables for my contest logging and my general logging. I do like having 6m on this radio as well, albeit at 50w.

It is solid, reliable, and easy to use - most everything I need is only a button push or or a turn of the dial. Split operation is simple.

This past weekend, I made myself use my FT-897 in the ARRL DX Phone contest instead of the 690s. Even with the DSP, I was nowhere near as happy as I am with the 690s. Has strengthened my resolve to retain the 690s. The only reasons I'm looking at the 590s, are diversity receive and DSP. First, I intend to improve my antennas and perhaps do a little preventative maintenance on the 690.

I will relegate the Yaesu back to VHF which is what I originally bought it for anyway. I like having 100w on 6 meters, and will probably add a transverter to get 220 for VHF grid chasing and contests.

Your mileage may vary, but I think this family of 450/850/690 are keepers!

Trent
N4DTF

Sent from my iPad

On Mar 10, 2013, at 6:11 PM, "rzacharkow" <rzacharkow@...> wrote:

> Gonna ask maybe a crazy question:
> Am the original owner (1993) of a TS-450SAT: powered by an Astron RS-35M, years ago put in the TU-8 tone unit, have the YK_88SN-1, YK-88CN-1, (also have the YK-88C-1), and the YG-455C-1 filters. Use the stock MC-432S mike, and the PS-23 external speaker. Use a MFJ-490 memory keyer. My ant is a G5RV up about 33 feet. No amp. Into CW.
>
> Yes, this stuff is 20 yrs old. How hamstrung am I by staying with this rig??? (rather that upgrading to a 590) (I am not a contester...just a basic rag chew guy).
>
> Been driving myself nuts over wondering.
>
> Thanks in advance.
>
> Rick
>
>

[Non-text portions of this message have been removed]

11991. Re: [TS-850_450_690] TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 18:16:54 UTC
From: Paul - K8IDX
Topic: 11202 Message: 11991

Rick and Tom,

I have the new gear (ic7600 & IC756pro3) and I can tell you you haven't missedmuch. I too have a 450 and I am very happy with it. It sits on top of the 7600 and I use it allot.

I wouldn't waste my time worrying what you are missing. It "aint no big deal" as they say.

73, Paul

On 3/11/2013 8:07 AM, Tom Waraksa wrote:
>
> Rick,
>
> I have a TS450SAT and love it. I works great and I only bought it two
> years ago used on Craig's List. I keep it at my vacation home and it
> works great. Since then I have bought a brand new TS480SAT. Love it
> also, but for casual operators like you and me, it performs on a very
> similar performance level to the 450. So, I would recommend keeping
> it. New rigs have more bells and whistles and are nice and shiny but
> most of us rely on the basics 95% of the time. The 450 has the basics.
>
> Good luck and sleep easier.
>
> 73,
>
> Tom AF8P
>
>
>
>
>
> _____
> From: rzacharkow <rzacharkow@... <mailto:rzacharkow%40cox.net>>
> To: TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>
> Sent: Sunday, March 10, 2013 7:11 PM
> Subject: [TS-850_450_690] TS-450SAT
>
>
>
> Gonna ask maybe a crazy question:
> Am the original owner (1993) of a TS-450SAT: powered by an Astron
> RS-35M, years ago put in the TU-8 tone unit, have the YK_88SN-1,
> YK-88CN-1, (also have the YK-88C-1), and the YG-455C-1 filters. Use
> the stock MC-432S mike, and the PS-23 external speaker. Use a MFJ-490

> memory keyer. My ant is a G5RV up about 33 feet. No amp. Into CW.
>
> Yes, this stuff is 20 yrs old. How hamstrung am I by staying with this
> rig??? (rather that upgrading to a 590) (I am not a contester...just a
> basic rag chew guy).
>
> Been driving myself nuts over wondering.
>
> Thanks in advance.
>
> Rick
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

11992. Re: TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-11 22:13:45 UTC
From: Mel
Topic: 11202 Message: 11992

Hi,
You have a nice rig to start with. The only shortcoming I ever felt about the TS-450 I had was that strong signals on nearby frequencies desensitized the radio. This is only a problem if you want to use it in a difficult environment (perhaps FD with other stations very close nearby both in frequency and distance).

Another thing you could do short of a new transceiver is get an outboard DSP to help in QRN reduction during warmer part of year. I use a Heil Sound ClearSpeech DSP with my Kenwood TS-850 and it does a superb job of reducing QRN. I don't think Heil has this product anymore but there are alternate audio DSPs that would really help you out.

Obsolescence may become a problem at some point in time. There are ICs used in the 450 that are a long time out of production and if one fails in your rig ever fails, getting it repaired may become problematic.

I've owned a 440, a 450, a 690 and an 850 and the incremental step of improvement between the TS-440 and TS-450 was a giant step. I love my TS-850 but I may not hurry to go to a TS-590 although I would like one. :-)
73,
Mel - KF6OZ

--- In TS-850_450_690@yahoogroups.com, "rzacharkow" <rzacharkow@...> wrote:
>
> Gonna ask maybe a crazy question:
> Am the original owner (1993) of a TS-450SAT: powered by an Astron RS-35M, years ago put in the TU-8 tone unit, have the YK_88SN-1, YK-88CN-1, (also have the YK-88C-1), and the YG-455C-1 filters. Use the stock MC-432S mike, and the PS-23 external speaker. Use a MFJ-490 memory keyer. My ant is a G5RV up about 33 feet. No amp. Into CW.
>
> Yes, this stuff is 20 yrs old. How hamstrung am I by staying with this rig??? (rather that upgrading to a 590) (I am not a contester...just a basic rag chew guy).
>
> Been driving myself nuts over wondering.
>
> Thanks in advance.
>
> Rick
>

11993. TS-450 thanks!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-12 23:47:53 UTC
From: rzacharkow
Topic: 11993 Message: 11993

Just want to say how happy I am to have recently joined the group! Very friendly and informative bunch here!
Many thanks to AF8P, K8IDX, N4DTF, KF6OZ, W7WHY, W0DLR, W4BOH (hope I didn't leave anyone out) for their input!

I really enjoy the TS-450 ---- bought it in '93-- sort of a family member!

FYI: Just to learn, today I called the Kenwood East repair shop at VA Beach to ask if there is any reason send it for a to give "3000 mile oil change" -- tweaks, etc. I was told that they still do service that model (should you choose to use their services) but, "if it's not broke, don't fix it"!

Heck, I have never even changed the battery...still going as far as I can tell....

Thanks again all, and I am happy to be part of the forum!

73 de Rick N1NIJ

11994. Re: [TS-850_450_690] TS-450 thanks!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-12 23:53:38 UTC
From: Bob Naylor
Topic: 11993 Message: 11994

You need Clif's opinion. I'm sure he'll chime in.Glad you're enjoying the group.CU on the air.Bob WE6C

--- On Tue, 3/12/13, rzacharkow <rzacharkow@...> wrote:

From: rzacharkow <rzacharkow@...>
Subject: [TS-850_450_690] TS-450 thanks!
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, March 12, 2013, 4:47 PM

Just want to say how happy I am to have recently joined the group! Very friendly and informative bunch here!

Many thanks to AF8P, K8IDX, N4DTF, KF6OZ, W7WHY, W0DLR, W4BOH (hope I didn't leave anyone out) for their input!

I really enjoy the TS-450 ---- bought it in '93-- sort of a family member!

FYI: Just to learn, today I called the Kenwood East repair shop at VA Beach to ask if there is any reason send it for a to give "3000 mile oil change" -- tweaks, etc. I was told that they still do service that model (should you choose to use their services) but, "if it's not broke, don't fix it"!

Heck, I have never even changed the battery...still going as far as I can tell....

Thanks again all, and I am happy to be part of the forum!

73 de Rick N1NIJ

[Non-text portions of this message have been removed]

11995. Re: TS-450 thanks!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-13 00:19:38 UTC
From: avvidclif
Topic: 11993 Message: 11995

#1 Rule; "If it ain't broke, don't fix it"

To be safe remove the covers and tilt the front panel over. Carefully tilt the battery over slightly and look for any signs of leakage. Mainly discolored thru-holes or a white powder on the back of the battery. If all clear button it back up and keep talking...

Clif

--- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@...> wrote:
>
> You need Clif's opinion. I'm sure he'll chime in.Glad you're enjoying the group.CU on the air.Bob Â WE6C
>
> --- On Tue, 3/12/13, rzacharkow <rzacharkow@...> wrote:
>
> From: rzacharkow <rzacharkow@...>
> Subject: [TS-850_450_690] TS-450 thanks!
> To: TS-850_450_690@yahoogroups.com
> Date: Tuesday, March 12, 2013, 4:47 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Just want to say how happy I am to have recently joined the group! Very friendly and

informative bunch here!
>
> Many thanks to AF8P, K8IDX, N4DTF, KF6OZ, W7WHY, W0DLR, W4BOH (hope I didn't leave anyone out) for their input!
>
>
>
> I really enjoy the TS-450 ---- bought it in '93-- sort of a family member!
>
>
>
> FYI: Just to learn, today I called the Kenwood East repair shop at VA Beach to ask if there is any reason send it for a to give "3000 mile oil change" -- tweaks, etc. I was told that they still do service that model (should you choose to use their services) but, "if it's not broke, don't fix it"!
>
>
>
> Heck, I have never even changed the battery...still going as far as I can tell....
>
>
>
> Thanks again all, and I am happy to be part of the forum!
>
>
>
> 73 de Rick N1NIJ
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

11996. Accessing Files

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-13 11:38:39 UTC
From: hoyt_n2jdk
Topic: 11996 Message: 11996

Hi to all from a new member,
While trying to view items posted in the files section, I keep getting this statement " Windows cannot access the specified device,path,or file. You may not have the appropriate permissions to access the item."
Any ideas as to what I can do to allow me to view the files section? Looks like alot of neat stuff posted there.
Thanks

Hoyt

11997. TS-850S REPAIR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-13 14:04:54 UTC
From: mack25000
Topic: 11997 Message: 11997

HELLO EVERYONE JUST FOR YOUR INFORMATION I WAS ABLE TO SEND MY KENWOOD 850 TO KENWOOD SERVICE CENTER EAST FOR REPAIR THEY ACCEPTED IT
SO THEY DO STILL ACCEPT IT FOR REPAIR I WOULD CALL AHEAD.

73 TOM KA3MLS

11998. Re: TS-450 thanks!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-13 15:03:47 UTC
From: rzacharkow
Topic: 11993 Message: 11998

Thanks Clif
Took a peak, can not see any corrosion (so far) around the battery.
Rick

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> #1 Rule; "If it ain't broke, don't fix it"
>
> To be safe remove the covers and tilt the front panel over. Carefully tilt the battery over slightly and look for any signs of leakage. Mainly discolored thru-holes or a white powder on the back of the battery. If all clear button it back up and keep talking...
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> >
> > You need Clif's opinion. I'm sure he'll chime in.Glad you're enjoying the group.CU on the air.Bob Â WE6C
> >
> > --- On Tue, 3/12/13, rzacharkow <rzacharkow@> wrote:
> >
> > From: rzacharkow <rzacharkow@>
> > Subject: [TS-850_450_690] TS-450 thanks!
> > To: TS-850_450_690@yahoogroups.com
> > Date: Tuesday, March 12, 2013, 4:47 PM
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > Â
> >
> >
> >

> >
> >
> >
> >
> >
> >
> > Just want to say how happy I am to have recently joined the group! Very friendly and informative bunch here!
> >
> > Many thanks to AF8P, K8IDX, N4DTF, KF6OZ, W7WHY, W0DLR, W4BOH (hope I didn't leave anyone out) for their input!
> >
> >
> >
> > I really enjoy the TS-450 ---- bought it in '93-- sort of a family member!
> >
> >
> >
> > FYI: Just to learn, today I called the Kenwood East repair shop at VA Beach to ask if there is any reason send it for a to give "3000 mile oil change" -- tweaks, etc. I was told that they still do service that model (should you choose to use their services) but, "if it's not broke, don't fix it"!
> >
> >
> >
> > Heck, I have never even changed the battery...still going as far as I can tell....
> >
> >
> >
> > Thanks again all, and I am happy to be part of the forum!
> >
> >
> >
> > 73 de Rick N1NIJ
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >

> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

11999. ts -850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-13 19:14:11 UTC
From: J R
Topic: 11999 Message: 11999

hi guys once agn im going to selll or try to sell my ts-850sat kenwood it has a problem im not a tech and dont have the stuff to check it with if i new what i was checking but i just had it repair in april last year new finals , battery , few caps voltage regular,and alinged, all at avvid clif done a great job on this rig . here is the best i can tell you what it is doing it set on the shelf for abt 7 months
it for abt 3months after i got it bak from clif worked great love this olld rig but that cost me over 300.00 plus to get it fix but it needed clif did a super job on this rig .

ok pull down from shelf was goin to work the rtty contest and pluged it up turned it on an at once it started at 14.000.00 and went to 30.000.00 and stop there u got audio recive come out u got transmit . so i did a full reset ????
ser # 61xxxxxx newer chips voive recorder inside no mic no cables im using them on anothere rig sri .
iid like to start a bid at 400.00(((reserve not met)))) and see where it goes plus s&h if anyone interested email me i can send you pictures send me your phone number ill call you ..

tnx for listen to me cry
JR zip 25832

[Non-text portions of this message have been removed]

12001. TS-850 Audio hiss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-14 20:05:31 UTC
From: Adi Toplician
Topic: 12001 Message: 12001

Hello

I am the owner of a TS-850 S/N 308XXXX, and I am quite happy with the rig. Signals are crisp and clear and the behavior under strong signal conditions is rather good.

Today I open it up and the good news is that the CAR DDS board has x312 chips on it. I also discover two 10uF/16V capacitor with electrolyte around the, not much but is there. This weekend I plan to change them all. I also inspect the digital/display board, battery, etc and everything seems to be fine. I don?t know is it is a good idea to change those capacitors too.

I work mostly CW and I have an Inrad #103 on 1st IF and 500Hz Kenwood on second IF. What I notice is a blow-by when selecting the Inrad on 8.83 and 2.7 KHz on 455 IF. Cascading the two will eliminate the blow-by. Slope tune is wonderful now!

But, what is annoying is an audio hiss when using CW filters, one or both of them.

The hiss is obvious even on turning AF gain counterclockwise.

Is there a modification for audio roll-off?

Maybe, adding a capacitor on audio chain will solve something. A solution could be an outboard DSP but this is quite expensive.

This is most obvious when using quality phones. With 8-16Ohms phones is not so disturbing but it is distracting.

I wonder if anyone found a solution to this issue.

Any input will be highly appreciated!

Thanks!

73! Adi

YO2LIW
YQ0ANT

--
==========
Adrian Toplician
0721 367 850
Timisoara
YO2LIW

[Non-text portions of this message have been removed]

12002. Fw: [TS-850_450_690] ts -850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-15 04:15:20 UTC
From: J R
Topic: 11999 Message: 12002

sorry after reading this need a few correction ser # 61200292 and just factory filters i hv not put any extra in it
and it does no hv a recorder.and there is no reserve just starting bid at 400.00 .
tnx email for info it be able to work somethink out
JR

----- Forwarded Message -----
From: J R <wu8q2000@...>
To: kenwood group <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, March 13, 2013 3:14 PM
Subject: [TS-850_450_690] ts -850

hi guys once agn im going to selll or try to sell my ts-850sat kenwood it has a problem im not a tech and dont have the stuff to check it with if i new what i was checking but i just had it repair in april last year new finals , battery , few caps voltage regular,and alinged, all at avvid clif done a great job on this rig . here is the best i can tell you what it is doing it set on the shelf for abt 7 months
it for abt 3months after i got it bak from clif worked great love this olld rig but that cost me over 300.00 plus to get it fix but it needed clif did a super job on this rig .

ok pull down from shelf was goin to work the rtty contest and pluged it up turned it on an at once it started at 14.000.00 and went to 30.000.00 and stop there u got audio recive come out u got transmit . so i did a full reset ????
ser # 61xxxxxx newer chips voive recorder inside no mic no cables im using them on anothere rig sri .
iid like to start a bid at 400.00(((reserve not met)))) and see where it goes plus s&h if anyone interested email me i can send you pictures send me your phone number ill call you ..

tnx for listen to me cry
JR zip 25832

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12003. TS 850 Stuck in split mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-15 16:11:38 UTC
From: Tim
Topic: 12003 Message: 12003

I have a ts-850 that sat unused for a year or so and i can not get it to turn the split mode off..Anyone ever seen this issue before Ideas appreciated..Thanks N4DXX

12004. Re: [TS-850_450_690] TS 850 Stuck in split mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-15 16:22:01 UTC
From: Ken Winterling
Topic: 12003 Message: 12004

Tim,

Have you tried a full reset?

Ken
WA2LBI

On Fri, Mar 15, 2013 at 12:11 PM, Tim <tim_luvs_dawn@...> wrote:

> **
>
>
> I have a ts-850 that sat unused for a year or so and i can not get it to
> turn the split mode off..Anyone ever seen this issue before Ideas
> appreciated..Thanks N4DXX
>

[Non-text portions of this message have been removed]

12005. Re: TS 850 Stuck in split mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-15 16:36:59 UTC
From: Tim
Topic: 12003 Message: 12005

Yes No joy..

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Tim,
>
> Have you tried a full reset?
>
> Ken
> WA2LBI
>
>
> On Fri, Mar 15, 2013 at 12:11 PM, Tim <tim_luvs_dawn@...> wrote:
>
> > **
> > >
> > >
> > > I have a ts-850 that sat unused for a year or so and i can not get it to
> > > turn the split mode off..Anyone ever seen this issue before Ideas
> > > appreciated..Thanks N4DXX
> > >
>
>
> [Non-text portions of this message have been removed]
>

12006. Re: [TS-850_450_690] TS 850 Stuck in split mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-15 16:50:21 UTC
From: J R
Topic: 12003 Message: 12006

sorry tim i fill for you i have 850sat also that set on shelf for 7 or 8 months and it just starts scanning 14.000.00thru 30.000.00 and i also have tred the ful reset no joy either . im going to sell mind as bad as i hate to i cant fix it someone else well gain from my lost.
JR

From: Tim <tim_luvs_dawn@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 15, 2013 12:11 PM
Subject: [TS-850_450_690] TS 850 Stuck in split mode

I have a ts-850 that sat unused for a year or so and i can not get it to turn the split mode off..Anyone ever seen this issue before Ideas appreciated..Thanks N4DXX

[Non-text portions of this message have been removed]

12007. TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-16 14:50:31 UTC
From: telboy_vhs
Topic: 12007 Message: 12007

Hi group,

Managed to spend a little time exploring one of my 850's that reduces output power as the frequency is increased.

Here's some of the results....
ATU inactive.
Dummy load; CAR max, PWR Max.

Freq	PWR	ALC reading
1.8	100	Max
3.5	100	Max
7	70	Max
10	100	Max
14	12	No reading
18	25	No reading
21	1	No reading
24	1	No reading
28	0	No reading
29	0	No reading

After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit.
Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:

Readings from IC1 RF (3120) unit:

Freq	D	C	B	A
1.8	0	1	0	0
3.5	1	0	0	0
7.1	0	0	0	0
10	0	1	1	1
14	0	0	1	1
18	1	0	0	1
21	0	1	1	0
24	0	1	0	1
28	0	1	0	1
29	0	1	0	1

Not sure if the binary map os correct, but confirms to me that none are being held low.
One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.
I believe that the radio in question may have been subject to a high RF on the RX?

I wonder if anybody can direct me towards some other areas that I can test please?
Am I missing something obvious?

TIA es 73,
Terry G0VHS

12008. Re: TS-450SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-16 13:27:52 UTC
From: rzacharkow
Topic: 11202 Message: 12008

Wilson,
Thanks for the reply, and since then I have been thinking about what you said, 'to know how to use everything' on the rig. I wonder if there are a few tricks to using the 450's features that the manual doesn't spell out plainly!
Any advice.

Rick

--- In TS-850_450_690@yahoogroups.com, "Wilson Lamb" <infomet@...> wrote:
>
> I have a TS-450 and really like it. Have used it in the fairly busy bands on FD and find it very capable.
> I got an FT-950 a few months ago and enjoy messing with the features. It has some effective capabilities, but the real difference is minimal.
> If you have both 500Hz filters and know how to use everything, thereâ□□s no real need for another radio.
> Iâ□□m not sure the new Kenwoods are better, since I have heard mixed reviews.
> Whatâ□□s for sure is that just part of the cost of something new put into 30â□□ of used tower and a tribander will do more for you than any radio!
> There are still people around who can repair the TS-450, so you should get to know Clif and anyone local you can locate and check out.
> Shipping is brutal, but still a lot less than new gear.
> It might even be worthwhile to have the trouble spots taken care of before they show up, if you want to keep the radio.
> Sooner or later weâ□□ll run out of parts, but there are quite a few junkers still around.
> If you spend your time learning some technical stuff and developing skills, instead of reading ads, youâ□□ll feel better!
> The Antenna Book and old Handbooks are your best friends!
> 73,
> Wilson
> W4BOH, 1957
>
> [Non-text portions of this message have been removed]
>

12009. Re: TS-850S REPAIR

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-17 12:51:37 UTC
From: Dave
Topic: 11997 Message: 12009

I called them about a month ago and said they wouldn't.

The tuner doesn't work on mine so I expect it's the battery.

73 de n1fcc

12010. Re: TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-17 17:26:50 UTC
From: avvidclif
Topic: 12007 Message: 12010

You checked the input to the 74ls145, what is the output voltages when on 20M????

Clif

--- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@...> wrote:
>
> Hi group,
>
> Managed to spend a little time exploring one of my 850's that reduces output power as the frequency is increased.
>
> Here's some of the results....
> ATU inactive.
> Dummy load; CAR max, PWR Max.
> Freq PWR ALC reading
> 1.8 100 Max
> 3.5 100 Max
> 7 70 Max
> 10 100 Max
> 14 12 No reading
> 18 25 No reading
> 21 1 No reading
> 24 1 No reading
> 28 0 No reading
> 29 0 No reading
>
> After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit. Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:
>
> Readings from IC1 RF (3120) unit:
>
> Freq D C B A
> 1.8 0 1 0 0
> 3.5 1 0 0 0
> 7.1 0 0 0 0
> 10 0 1 1 1
> 14 0 0 1 1
> 18 1 0 0 1
> 21 0 1 1 0
> 24 0 1 0 1
> 28 0 1 0 1
> 29 0 1 0 1
>
> Not sure if the binary map os correct, but confirms to me that none are being held low.

> One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.
> I believe that the radio in question may have been subject to a high RF on the RX?
>
> I wonder if anybody can direct me towards some other areas that I can test please?
> Am I missing something obvious?
>
> TIA es 73,
> Terry G0VHS
>

12011. Re: TS 850 Stuck in split mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-17 19:34:06 UTC
From: David Kaszubski
Topic: 12003 Message: 12011

Do you guys maybe have a button physically stuck in?
I've had it happen on several radios and other devices that sit around unused, then with the first press - they won't pop back out. Well, the outer cover might look normal but the contacts are stuck. Several more presses and they sometimes start working again. Sometimes not.

Dave Ski
WB3FYV

12012. Re: TS 850 Stuck in split mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-19 19:47:58 UTC
From: Tim
Topic: 12003 Message: 12012

Update,I did a master reset and the split dissapeared and i can use the rig in VFO mode now but the leftmost row of buttons just to the right side of the vfo won't do anything the second row works fine..I have a new button board on the way..I agree i think one button is damaged in some fashion causing these strange issues...

--- In TS-850_450_690@yahoogroups.com, David Kaszubski <A7021649@...> wrote:
>
>
> Do you guys maybe have a button physically stuck in?
> I've had it happen on several radios and other devices that sit around unused, then with the first press - they won't pop back out. Well, the outer cover might look normal but the contacts are stuck. Several more presses and they sometimes start working again. Sometimes not.
>
> Dave Ski
> WB3FYV
>

12013. Re: TS450s USB and LSB not the same

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-19 21:39:04 UTC
From: Dave Rust
Topic: 12013 Message: 12013

When I zero beat WWV and switch from USB to LSB I notice the USB reception is a bit muffled and not as clear as the LSB reception. How do I adjust these to even them out. I don't find it online or in the service manual. Guess I'm not looking in the right place?
Dave W0DLR

[Non-text portions of this message have been removed]

12014. Re: TS450s USB and LSB not the same

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-19 22:00:33 UTC
From: avvidclif
Topic: 12013 Message: 12014

Page 125 Item 13 of the service manual.

It's done in the alignment menu.

Clif

--- In TS-850_450_690@yahoogroups.com, "Dave Rust" <dlrust@...> wrote:
>
> When I zero beat WWV and switch from USB to LSB I notice the USB reception is a bit muffled and not as clear as the LSB reception. How do I adjust these to even them out. I don't find it online or in the service manual. Guess I'm not looking in the right place?
> Dave W0DLR
>
> [Non-text portions of this message have been removed]
>

12015. Re: [TS-850_450_690] Re: TS450s USB and LSB not the same

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-19 22:15:00 UTC
From: Dave Rust
Topic: 12013 Message: 12015

Cliff to the rescue...Thanks!!
Dave W0DLR

[Non-text portions of this message have been removed]

12016. Re: [TS-850_450_690] Re: TS450s USB and LSB not the same

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-19 22:24:15 UTC
From: Dave Rust
Topic: 12013 Message: 12016

Page 125 Item 13 of the service manual.

It's done in the alignment menu.

Clif

Looks like something I best leave alone...not as simple as adjusting two pots until they (USB/LSB) sound the same when zero beating WWV.
DLR

[Non-text portions of this message have been removed]

12017. Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-20 01:34:06 UTC
From: kevinn1959
Topic: 12017 Message: 12017

What is everyone using for a sound card interface.
I'm thinking of trying JT65.

73,
Kevin

12018. Re: [TS-850_450_690] Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-20 04:20:51 UTC
From: Gary K9GS
Topic: 12017 Message: 12018

The Unified Microsystems Sound Card interface is very good:

http://www.unifiedmicro.com/sci6.htm

On 3/19/2013 8:34 PM, kevinn1959 wrote:
>
> What is everyone using for a sound card interface.
> I'm thinking of trying JT65.
>
> 73,
> Kevin
>
>

--

73,

Gary K9GS

Greater Milwaukee DX Association: http://www.gmdxa.org
Society of Midwest Contesters: http://www.w9smc.com
CW Ops #1032 http://www.cwops.org

****

[Non-text portions of this message have been removed]

12019. Re: [TS-850_450_690] Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-20 04:38:14 UTC
From: Tom Osborne
Topic: 12017 Message: 12019

Serial port or USB?

I have some RASCAL's from Buxcomm that work really well. I have an XP with
6 serial ports. 73
Tom W7WHY

What is everyone using for a sound card interface.
I'm thinking of trying JT65.

73,
Kevin

12020. Re: [TS-850_450_690] Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-20 06:36:22 UTC
From: Alan Riley
Topic: 12017 Message: 12020

Microham Digikeyer, USB.

Alan, KD5R

From: kevinn1959
Sent: Tuesday, March 19, 2013 8:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Digital 850

What is everyone using for a sound card interface.
I'm thinking of trying JT65.

73,
Kevin

[Non-text portions of this message have been removed]

12021. Re: [TS-850_450_690] Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-20 08:09:33 UTC
From: Bryan Swadener
Topic: 12017 Message: 12021

RigBlaster Pro, USB w/ Serial-USB adapter cord. It has audio, PTT, CW, and FSK interfaces. Unless you use only VOX, you need at least PTT as well.

vy 73,
Bryan WA7PRC

> Digital 850
> Posted by: "kevinn1959" w0xa@...
> kevinn1959
> Date: Tue Mar 19, 2013 8:56 pm PDT
>
> What is everyone using for a sound card interface.
> I'm thinking of trying JT65.
>
> 73,
> Kevin
>
> Re: Digital 850
> Posted by: "Gary K9GS" garyk9gs@...
> garyk9gs
> Date: Tue Mar 19, 2013 9:25 pm PDT
>
> The Unified Microsystems Sound Card interface is very good:
> http://www.unifiedmicro.com/sci6.htm
>
> 73,
>
> Gary K9GS
>
> Re: Digital 850
> Posted by: "Tom Osborne" w7why@...
> w7wh_y
> Date: Tue Mar 19, 2013 9:38 pm PDT
>
> Serial port or USB?
>
> I have some RASCAL's from Buxcomm that work really
> well. I have an XP with
> 6 serial ports. 73
> Tom W7WHY
>
> Re: Digital 850
> Posted by: "Alan Riley" arr44@...
> alamar_r
> Date: Tue Mar 19, 2013 11:36 pm PDT

>
> Microham Digikeyer, USB.
>
> Alan, KD5R

12022. KENWOOD TS 850 ANTENNA TUNER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-21 00:05:48 UTC
From: mack25000
Topic: 12022 Message: 12022

HI DOES ANYONE KNOW IF THE KENWOOD TS 450S AND THE TS 850S USE THE SAME ANTENNA TUNER?

THANKS TOM KA3MLS

12023. Re: [TS-850_450_690] Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-21 00:57:38 UTC
From: Gary K9GS
Topic: 12017 Message: 12023

The original post asked about sound card interfaces...not rig control,
CW, FSK.

The Unified Microsystems interface does PTT and transformer audio isolation.

On 3/20/2013 3:09 AM, Bryan Swadener wrote:
> RigBlaster Pro, USB w/ Serial-USB adapter cord. It has audio, PTT, CW, and FSK
interfaces. Unless you use only VOX, you need at least PTT as well.
>
> vy 73,
> Bryan WA7PRC
>
>> Digital 850
>> Posted by: "kevinn1959" w0xa@...
>> kevinn1959
>> Date: Tue Mar 19, 2013 8:56 pm PDT
>>
>> What is everyone using for a sound card interface.
>> I'm thinking of trying JT65.
>>
>> 73,
>> Kevin
>>
>> Re: Digital 850
>> Posted by: "Gary K9GS" garyk9gs@...
>> garyk9gs
>> Date: Tue Mar 19, 2013 9:25 pm PDT
>>
>> The Unified Microsystems Sound Card interface is very good:
>> http://www.unifiedmicro.com/sci6.htm
>>
>> 73,
>>
>> Gary K9GS
>>
>> Re: Digital 850
>> Posted by: "Tom Osborne" w7why@...
>> w7wh_y
>> Date: Tue Mar 19, 2013 9:38 pm PDT
>>
>> Serial port or USB?
>>
>> I have some RASCAL's from Buxcomm that work really
>> well. I have an XP with
>> 6 serial ports. 73

>> Tom W7WHY
>>
>> Re: Digital 850
>> Posted by: "Alan Riley" arr44@...
>> alamar_r
>> Date: Tue Mar 19, 2013 11:36 pm PDT
>>
>> Microham Digikeyer, USB.
>>
>> Alan, KD5R

--

73,

Gary K9GS

Greater Milwaukee DX Association: http://www.gmdxa.org
Society of Midwest Contesters: http://www.w9smc.com
CW Ops #1032 http://www.cwops.org

****

12024. Re: KENWOOD TS 850 ANTENNA TUNER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-21 01:46:56 UTC
From: avvidclif
Topic: 12022 Message: 12024

No.

Clif

--- In TS-850_450_690@yahoogroups.com, "mack25000" <mack2500@...> wrote:
>
> HI DOES ANYONE KNOW IF THE KENWOOD TS 450S AND THE TS 850S USE THE SAME ANTENNA TUNER?
>
> THANKS TOM KA3MLS
>

12025. Re: KENWOOD TS 850 ANTENNA TUNER

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-21 13:37:45 UTC
From: tom
Topic: 12022 Message: 12025

Thanks for the info clif

[Non-text portions of this message have been removed]

12026. Re: Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-21 16:26:32 UTC
From: bswadener
Topic: 12017 Message: 12026

Having everything in one box (such as the RigBlaster
Pro or other) eliminates having to change boxes
down the road when adding other modes + rig control.
The TS850 can do a lot more than just AF modes.
The box you mentioned does ONLY AF + PTT
interfacing.

The RigBlaster Pro is not inexpensive
and the Unified Microsystems interface is but,
you get what you pay for.

vy 73,
Bryan WA7PRC

> The original post asked about sound card
> interfaces...not rig control, CW, FSK.
>
> The Unified Microsystems interface does PTT and
> transformer audio isolation.

12027. Re: Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-21 16:27:59 UTC
From: kevinn1959
Topic: 12017 Message: 12027

I just ordered a Unified Microsystems Sound Card interface.
Will see how it goes.
Thanks

--- In TS-850_450_690@yahoogroups.com, Gary K9GS <garyk9gs@...> wrote:
>
> The original post asked about sound card interfaces...not rig control,
> CW, FSK.
>
> The Unified Microsystems interface does PTT and transformer audio isolation.
>
>
> On 3/20/2013 3:09 AM, Bryan Swadener wrote:
> > RigBlaster Pro, USB w/ Serial-USB adapter cord. It has audio, PTT, CW, and FSK
interfaces. Unless you use only VOX, you need at least PTT as well.
> >
> > vy 73,
> > Bryan WA7PRC
> >
> >> Digital 850
> >> Posted by: "kevinn1959" w0xa@...
> >> kevinn1959
> >> Date: Tue Mar 19, 2013 8:56 pm PDT
> >>
> >> What is everyone using for a sound card interface.
> >> I'm thinking of trying JT65.
> >>
> >> 73,
> >> Kevin
> >>
> >> Re: Digital 850
> >> Posted by: "Gary K9GS" garyk9gs@...
> >> garyk9gs
> >> Date: Tue Mar 19, 2013 9:25 pm PDT
> >>
> >> The Unified Microsystems Sound Card interface is very good:
> >> http://www.unifiedmicro.com/sci6.htm
> >>
> >> 73,
> >>
> >> Gary K9GS
> >>
> >> Re: Digital 850
> >> Posted by: "Tom Osborne" w7why@...
> >> w7wh_y

> >> Date: Tue Mar 19, 2013 9:38 pm PDT
> >>
> >> Serial port or USB?
> >>
> >> I have some RASCAL's from Buxcomm that work really
> >> well. I have an XP with
> >> 6 serial ports. 73
> >> Tom W7WHY
> >>
> >> Re: Digital 850
> >> Posted by: "Alan Riley" arr44@...
> >> alamar_r
> >> Date: Tue Mar 19, 2013 11:36 pm PDT
> >>
> >> Microham Digikeyer, USB.
> >>
> >> Alan, KD5R
>
> --
>
>
> 73,
>
> Gary K9GS
>
> Greater Milwaukee DX Association: http://www.gmdxa.org
> Society of Midwest Contesters: http://www.w9smc.com
> CW Ops #1032 http://www.cwops.org
>
> **********
>

12028. Re: TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-22 17:35:35 UTC
From: telboy_vhs
Topic: 12007 Message: 12028

Clif,

The input and outputs to the 74LS145 are:

i/p PIN12 - 0V
P13 - 0V
P14 - 4.7V
P15 - 4.7V

o/p
PIN1 - 11.2V
P2 - 0.9V
P3 - 11.2V
P4 - 0.3V
P5 - 11.2V
P6 - 11.2V
P7 - 11.15V
P9 - 11.06
P10 - 11.2V
P11 - 11.2V

Do those figures look reasonable?
Terry

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You checked the input to the 74ls145, what is the output voltages when on 20M????
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@> wrote:
> >
> > Hi group,
> >
> > Managed to spend a little time exploring one of my 850's that reduces output power as the frequency is increased.
> >
> > Here's some of the results....
> > ATU inactive.
> > Dummy load; CAR max, PWR Max.
> > Freq PWR ALC reading
> > 1.8 100 Max
> > 3.5 100 Max
> > 7 70 Max
> > 10 100 Max
> > 14 12 No reading

> > 18 25 No reading
> > 21 1 No reading
> > 24 1 No reading
> > 28 0 No reading
> > 29 0 No reading
> >
> > After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit. Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:
> >
> > Readings from IC1 RF (3120) unit:
> >
> > Freq D C B A
> > 1.8 0 1 0 0
> > 3.5 1 0 0 0
> > 7.1 0 0 0 0
> > 10 0 1 1 1
> > 14 0 0 1 1
> > 18 1 0 0 1
> > 21 0 1 1 0
> > 24 0 1 0 1
> > 28 0 1 0 1
> > 29 0 1 0 1
> >
> > Not sure if the binary map os correct, but confirms to me that none are being held low.
> > One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.
> > I believe that the radio in question may have been subject to a high RF on the RX?
> >
> > I wonder if anybody can direct me towards some other areas that I can test please?
> > Am I missing something obvious?
> >
> > TIA es 73,
> > Terry G0VHS
> >
>

12029. Re: Digital 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-22 21:15:04 UTC
From: bswadener
Topic: 12017 Message: 12029

You're welcome, Kevin. The best thing about that box is,
there's not much to lose WHEN you want more features
(such as CW, RTTY, rig control) than the simple
boxes can support.

vy 73,
Bryan WA7PRC

Kevin W0XA wrote:
>
> I just ordered a Unified Microsystems Sound Card interface.
> Will see how it goes.
> Thanks
>
>
> > On 3/20/2013 3:09 AM, Bryan WA7PRC wrote:
> > > RigBlaster Pro, USB w/ Serial-USB adapter cord.
> > > It has audio, PTT, CW, and FSK interfaces.
> > > Unless you use only VOX, you need at least PTT
> > > as well.
> > >
> > > vy 73,
> > > Bryan WA7PRC
> > >
> > >> Digital 850
> > >> Posted by: Kevin W0XA
> > >> kevinn1959
> > >> Date: Tue Mar 19, 2013 8:56 pm PDT
> > >>
> > >> What is everyone using for a sound card interface.
> > >> I'm thinking of trying JT65.
> > >>
> > >> 73,
> > >> Kevin

12031. Re: TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-22 23:57:41 UTC
From: telboy_vhs
Topic: 12007 Message: 12031

Clif,

I'm chasing a fried Q49 on the back of the RF board. Also output on Pin 2 of the 74LS145 is permanently at 0.8V...is that clapped as well do ya reckon?
Cheers,
Terry G0VHS

--- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@...> wrote:
>
> Clif,
>
> The input and outputs to the 74LS145 are:
>
> i/p PIN12 - 0V
> P13 - 0V
> P14 - 4.7V
> P15 - 4.7V
>
> o/p
> PIN1 - 11.2V
> P2 - 0.9V
> P3 - 11.2V
> P4 - 0.3V
> P5 - 11.2V
> P6 - 11.2V
> P7 - 11.15V
> P9 - 11.06
> P10 - 11.2V
> P11 - 11.2V
>
> Do those figures look reasonable?
> Terry
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You checked the input to the 74ls145, what is the output voltages when on 20M????
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@> wrote:
> > >
> > > Hi group,
> > >
> > > Managed to spend a little time exploring one of my 850's that reduces output power as

the frequency is increased.
> > >
> > > Here's some of the results....
> > > ATU inactive.
> > > Dummy load; CAR max, PWR Max.
> > > Freq PWR ALC reading
> > > 1.8 100 Max
> > > 3.5 100 Max
> > > 7 70 Max
> > > 10 100 Max
> > > 14 12 No reading
> > > 18 25 No reading
> > > 21 1 No reading
> > > 24 1 No reading
> > > 28 0 No reading
> > > 29 0 No reading
> > >
> > > After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit. Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:
> > >
> > > Readings from IC1 RF (3120) unit:
> > >
> > > Freq D C B A
> > > 1.8 0 1 0 0
> > > 3.5 1 0 0 0
> > > 7.1 0 0 0 0
> > > 10 0 1 1 1
> > > 14 0 0 1 1
> > > 18 1 0 0 1
> > > 21 0 1 1 0
> > > 24 0 1 0 1
> > > 28 0 1 0 1
> > > 29 0 1 0 1
> > >
> > > Not sure if the binary map os correct, but confirms to me that none are being held low.
> > > One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.
> > > I believe that the radio in question may have been subject to a high RF on the RX?
> > >
> > > I wonder if anybody can direct me towards some other areas that I can test please?
> > > Am I missing something obvious?
> > >
> > > TIA es 73,
> > > Terry G0VHS
> > >
> > >
>

12032. TS-850 DC-DC board X59-1100-00

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-23 15:58:29 UTC
From: kb1kox
Topic: 12032 Message: 12032

I've recently sold my trusty TS-850,and have
3 new never taken out of package DC-DC boards
that were bought with a bulk package
of other parts as backups.
I have no use for these anymore,and hate to just toss them
away...
If anyone would like one,just send
a SASE to my QRZ address.A couple of bucks would be
nice,as these were $10 a piece, but, not necessary,
as I just want to see them not get thrown away.

Thanks...
73
Neil
Ae1p

12033. Re: TS-850 DC-DC board X59-1100-00

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-23 18:21:54 UTC
From: kb1kox
Topic: 12032 Message: 12033

Boards are spoken for...Thanks Dennis and Ron...
and thanks to the Moderators for a great group...

73
Neil
AE1P

--- In TS-850_450_690@...m, "kb1kox" <ngoodl1@...> wrote:
>
> I've recently sold my trusty TS-850,and have
> 3 new never taken out of package DC-DC boards
> that were bought with a bulk package
> of other parts as backups.
> I have no use for these anymore,and hate to just toss them
> away...
> If anyone would like one,just send
> a SASE to my QRZ address.A couple of bucks would be
> nice,as these were $10 a piece, but, not necessary,
> as I just want to see them not get thrown away.
>
> Thanks...
> 73
> Neil
> Ae1p
>

12034. Help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-23 19:42:28 UTC
From: n0oer
Topic: 1002 Message: 12034

I want to start using Digital mode with my TS-450s. What I need to get started? I have the Signal Link 8R interface, I also want to control the rig with HRF. What cables do I need and where do I buy cable to control the rig with HRD?

12035. Re: TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-23 23:27:40 UTC
From: avvidclif
Topic: 12007 Message: 12035

Nope, they tell me you have 2 filters turned on at the same time which is causing your problem. Usually it's D5 that is leaky but could be D17. With Pin 2 being that low though its probably the IC itself.

You can try removing D5 and checking Pin 2, if still low try D17. If still low the IC is bad.

Clif

--- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@...> wrote:
>
> Clif,
>
> The input and outputs to the 74LS145 are:
>
> i/p PIN12 - 0V
> P13 - 0V
> P14 - 4.7V
> P15 - 4.7V
>
> o/p
> PIN1 - 11.2V
> P2 - 0.9V
> P3 - 11.2V
> P4 - 0.3V
> P5 - 11.2V
> P6 - 11.2V
> P7 - 11.15V
> P9 - 11.06
> P10 - 11.2V
> P11 - 11.2V
>
> Do those figures look reasonable?
> Terry
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > You checked the input to the 74ls145, what is the output voltages when on 20M????
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@> wrote:
> > >
> > > Hi group,
> > >

> > > Managed to spend a little time exploring one of my 850's that reduces output power as the frequency is increased.
> > >
> > > Here's some of the results....
> > > ATU inactive.
> > > Dummy load; CAR max, PWR Max.
> > > Freq PWR ALC reading
> > > 1.8 100 Max
> > > 3.5 100 Max
> > > 7 70 Max
> > > 10 100 Max
> > > 14 12 No reading
> > > 18 25 No reading
> > > 21 1 No reading
> > > 24 1 No reading
> > > 28 0 No reading
> > > 29 0 No reading
> > >
> > > After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit. Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:
> > >
> > > Readings from IC1 RF (3120) unit:
> > >
> > > Freq D C B A
> > > 1.8 0 1 0 0
> > > 3.5 1 0 0 0
> > > 7.1 0 0 0 0
> > > 10 0 1 1 1
> > > 14 0 0 1 1
> > > 18 1 0 0 1
> > > 21 0 1 1 0
> > > 24 0 1 0 1
> > > 28 0 1 0 1
> > > 29 0 1 0 1
> > >
> > > Not sure if the binary map os correct, but confirms to me that none are being held low.
> > > One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.
> > > I believe that the radio in question may have been subject to a high RF on the RX?
> > >
> > > I wonder if anybody can direct me towards some other areas that I can test please?
> > > Am I missing something obvious?
> > >
> > > TIA es 73,
> > > Terry G0VHS
> > >
> >
>

12036. Extension Feet Needed For TS-870S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-24 00:49:26 UTC
From: Crownhaven
Topic: 12036 Message: 12036

I need the extension feet for my TS-870S. If anyone has a spare set or knows of a source that actually has them, I would like to hear from you.

Steve, N4JQQ

12037. Replacement surge protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-24 01:17:02 UTC
From: Jason Ball
Topic: 12036 Message: 12037

Hi all,

Im finalising a number of repairs to my radio, including the all important recapping and battery replacements. So far so good.

Unfortunately during testing i failed to notice a fault in my antenna setup and had the surge protector light up. No other damage is apparent at this time.

Im assuming the surge protector is a one hit component?

i shut down very quickly once i noted the problem and there is a little discoloration on the protector.

So assuming it needs replacing, any recommended source or alternative component?

J

12038. Re: Replacement surge protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-24 02:34:33 UTC
From: Mel Cruts
Topic: 12036 Message: 12038

Hi,
I am aware that a UK source has listed a replacement surge device on
Ebay but there may be many more sources for this part.
73,
Mel - KF6OZ

[Non-text portions of this message have been removed]

12039. Re: [TS-850_450_690] Extension Feet Needed For TS-870S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-24 01:29:37 UTC
From: Jason Ball
Topic: 12036 Message: 12039

One of the feet on my radio missing, personally im looking at getting something printed at ponoko, shapeways or similar. It wouldnt be adjustable though.

On 24/03/2013, at 11:49 AM, Crownhaven <crownhaven@...> wrote:

> I need the extension feet for my TS-870S. If anyone has a spare set or
> knows of a source that actually has them, I would like to hear from you.
>
> Steve, N4JQQ
>

[Non-text portions of this message have been removed]

12040. Fwd: Replacement surge protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-24 01:35:02 UTC
From: Jason Ball
Topic: 12036 Message: 12040

Hi all,

Im finalising a number of repairs to my radio, including the all important recapping and battery replacements. So far so good.

Unfortunately during testing i failed to notice a fault in my antenna setup and had the surge protector light up. No other damage is apparent at this time.

Im assuming the surge protector is a one hit component?

i shut down very quickly once i noted the problem and there is a little discoloration on the protector.

So assuming it needs replacing, any recommended source or alternative component?

J

--
--
Teach your kids Science, or somebody else will :/

jason@...
vk2vjb@... <vk2flnx@...>
callsign: vk2vjb

[Non-text portions of this message have been removed]

12041. Re: [TS-850_450_690] Replacement surge protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-24 04:50:34 UTC
From: Chuck Goelz
Topic: 12036 Message: 12041

They are still available from Kenwood... Why go elsewhere? I think I dealt with East Coast Transistor... But you can just search "kenwood parts"... Google is your friend!

Cheers,
Chuck, WA3CEJ

On 3/23/2013 9:17 PM, Jason Ball wrote:
>
> Hi all,
>
> Im finalising a number of repairs to my radio, including the all
> important recapping and battery replacements. So far so good.
>
> Unfortunately during testing i failed to notice a fault in my antenna
> setup and had the surge protector light up. No other damage is
> apparent at this time.
>
> Im assuming the surge protector is a one hit component?
>
> i shut down very quickly once i noted the problem and there is a
> little discoloration on the protector.
>
> So assuming it needs replacing, any recommended source or alternative
> component?
>
> J
>
>

[Non-text portions of this message have been removed]

12042. Re: [TS-850_450_690] Re: TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-27 16:58:50 UTC
From: Telboy Yahoo
Topic: 12007 Message: 12042

Cliff,

Changed out Q49, and replaced and socketed the 145. Diodes checked out fine.
Output power is now restored.

Thanks for your pointers.

Regards,
Terry Simons G0VHS

Sent from my iPhone

On 23 Mar 2013, at 23:27, "avvidclif" <clif@...> wrote:

> Nope, they tell me you have 2 filters turned on at the same time which is causing your problem. Usually it's D5 that is leaky but could be D17. With Pin 2 being that low though its probably the IC itself.
>
> You can try removing D5 and checking Pin 2, if still low try D17. If still low the IC is bad.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@...> wrote:
> >
> > Clif,
> >
> > The input and outputs to the 74LS145 are:
> >
> > i/p PIN12 - 0V
> > P13 - 0V
> > P14 - 4.7V
> > P15 - 4.7V
> >
> > o/p
> > PIN1 - 11.2V
> > P2 - 0.9V
> > P3 - 11.2V
> > P4 - 0.3V
> > P5 - 11.2V
> > P6 - 11.2V
> > P7 - 11.15V
> > P9 - 11.06
> > P10 - 11.2V
> > P11 - 11.2V
> >

> > Do those figures look reasonable?
> > Terry
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > You checked the input to the 74ls145, what is the output voltages when on 20M????
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@> wrote:
> > > >
> > > > Hi group,
> > > >
> > > > Managed to spend a little time exploring one of my 850's that reduces output power as the frequency is increased.
> > > >
> > > > Here's some of the results....
> > > > ATU inactive.
> > > > Dummy load; CAR max, PWR Max.
> > > > Freq PWR ALC reading
> > > > 1.8 100 Max
> > > > 3.5 100 Max
> > > > 7 70 Max
> > > > 10 100 Max
> > > > 14 12 No reading
> > > > 18 25 No reading
> > > > 21 1 No reading
> > > > 24 1 No reading
> > > > 28 0 No reading
> > > > 29 0 No reading
> > > >
> > > > After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit. Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:
> > > >
> > > > Readings from IC1 RF (3120) unit:
> > > >
> > > > Freq D C B A
> > > > 1.8 0 1 0 0
> > > > 3.5 1 0 0 0
> > > > 7.1 0 0 0 0
> > > > 10 0 1 1 1
> > > > 14 0 0 1 1
> > > > 18 1 0 0 1
> > > > 21 0 1 1 0
> > > > 24 0 1 0 1
> > > > 28 0 1 0 1
> > > > 29 0 1 0 1
> > > >

> > > > Not sure if the binary map os correct, but confirms to me that none are being held low.
> > > > One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.
> > > > I believe that the radio in question may have been subject to a high RF on the RX?
> > > >
> > > > I wonder if anybody can direct me towards some other areas that I can test please?
> > > > Am I missing something obvious?
> > > >
> > > > TIA es 73,
> > > > Terry G0VHS
> > > >
> > >
> >
>
>

[Non-text portions of this message have been removed]

12043. Re: [TS-850_450_690] Re: TS-850SAT Losing power - Revisited.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-27 19:49:25 UTC
From: Bob Naylor
Topic: 12007 Message: 12043

Good job! I'm keeping this e-mail aside in case I need it in the future.CU on the air.Bob
 WE6C

--- On Wed, 3/27/13, Telboy Yahoo <telboy_vhs@yahoo.com> wrote:

From: Telboy Yahoo <telboy_vhs@...>
Subject: Re: [TS-850_450_690] Re: TS-850SAT Losing power - Revisited.
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Wednesday, March 27, 2013, 9:58 AM

Cliff,

Changed out Q49, and replaced and socketed the 145. Diodes checked out fine.

Output power is now restored.

Thanks for your pointers.

Regards,

Terry Simons G0VHS

Sent from my iPhone

On 23 Mar 2013, at 23:27, "avvidclif" <clif@...> wrote:

> Nope, they tell me you have 2 filters turned on at the same time which is causing your problem. Usually it's D5 that is leaky but could be D17. With Pin 2 being that low though its probably the IC itself.

>

> You can try removing D5 and checking Pin 2, if still low try D17. If still low the IC is bad.

>

> Clif

>

> --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@...> wrote:

> >

> > Clif,

> >

> > The input and outputs to the 74LS145 are:

> >

> > i/p PIN12 - 0V

> > P13 - 0V

> > P14 - 4.7V

> > P15 - 4.7V

> >

> > o/p

> > PIN1 - 11.2V

> > P2 - 0.9V

> > P3 - 11.2V

> > P4 - 0.3V

> > P5 - 11.2V

> > P6 - 11.2V

> > P7 - 11.15V

> > P9 - 11.06

> > P10 - 11.2V

> > P11 - 11.2V

> >

> > Do those figures look reasonable?

> > Terry

> >

> >

> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:

> > >

> > > You checked the input to the 74ls145, what is the output voltages when on 20M????

> > >

> > > Clif

> > >

> > > --- In TS-850_450_690@yahoogroups.com, "telboy_vhs" <telboy_vhs@> wrote:

> > > >

> > > > Hi group,

> > > >

> > > > Managed to spend a little time exploring one of my 850's that reduces output power as the frequency is increased.

> > > >

> > > > Here's some of the results....

> > > > ATU inactive.

> > > > Dummy load; CAR max, PWR Max.

> > > > Freq PWR ALC reading

> > > > 1.8 100 Max

> > > > 3.5 100 Max

> > > > 7 70 Max

> > > > 10 100 Max

> > > > 14 12 No reading

> > > > 18 25 No reading

> > > > 21 1 No reading

> > > > 24 1 No reading

> > > > 28 0 No reading

> > > > 29 0 No reading

> > > >

> > > > After a search of the internet I was pointed towards the 74LS145 (IC1) on the RF unit. Having checked this, I can confirm that all the output (A, B, C and D) switch between 5V or 0V as the band is changed. See below:

> > > >

> > > > Readings from IC1 RF (3120) unit:

> > > >

> > > > Freq D C B A

> > > > 1.8 0 1 0 0

> > > > 3.5 1 0 0 0

> > > > 7.1 0 0 0 0

> > > > 10 0 1 1 1

> > > > 14 0 0 1 1

> > > > 18 1 0 0 1

> > > > 21 0 1 1 0

> > > > 24 0 1 0 1

> > > > 28 0 1 0 1

> > > > 29 0 1 0 1

> > > >

> > > > Not sure if the binary map os correct, but confirms to me that none are being held low.

> > > > One observation is that the diode housed in the glass envelope on the small antenna PCB looks slightly discoloured compared to another rig.

> > > > I believe that the radio in question may have been subject to a high RF on the RX?

> > > >

> > > > I wonder if anybody can direct me towards some other areas that I can test please?

> > > > Am I missing something obvious?

> > > >

> > > > TIA es 73,

> > > > Terry G0VHS

> > > >

> > >

> >

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12044. Re: Replacement surge protector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-30 15:59:59 UTC
From: joe
Topic: 12036 Message: 12044

What about this one
http://www.ebay.at/itm/Kenwood-TS-850S-etc-DSA-301LA-Gas-Discharge-Surge-Arrestor-Replacement-/121066232587?pt=UK_Mobile_Phones_Communication_Ham_Radio_Receivers_Transceivers&hash=item1c301c1b0b
73 Joe

--- In TS-850_450_690@yahoogroups.com, Jason Ball <ballmeister@...> wrote:
>
> Hi all,
>
> Im finalising a number of repairs to my radio, including the all important recapping and battery replacements. So far so good.
>
> Unfortunately during testing i failed to notice a fault in my antenna setup and had the surge protector light up. No other damage is apparent at this time.
>
> Im assuming the surge protector is a one hit component?
>
> i shut down very quickly once i noted the problem and there is a little discoloration on the protector.
>
> So assuming it needs replacing, any recommended source or alternative component?
>
> J
>

12045. Re: TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-30 16:03:33 UTC
From: joe
Topic: 11918 Message: 12045

So I checked every voltage as described at page 172 of the service manual, TRX on a dummy, in manual mode it worrks fine and in automatic, somtimes it switches off.
Got some writings of other hams, who have the same trouble, but also no solution.
any addition ideas
tnx and happy Easter
73 Joe

--- In TS-850_450_690@yahoogroups.com, "joe" <oe3jtb@...> wrote:
>
> Tnx, intresting for me would be, how much power is used for tuning, here is 35W maximum on an external SWR meter.
> 73 Joe
>
> --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> >
> > Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob Â WE6C
> >
> > --- On Sat, 2/16/13, joe <oe3jtb@> wrote:
> >
> > From: joe <oe3jtb@>
> > Subject: [TS-850_450_690] TS-850 automatic tuner failure
> > To: TS-850_450_690@yahoogroups.com
> > Date: Saturday, February 16, 2013, 7:51 AM
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > Â
> >
> >
> >

> >
> >
> >
> >
> >
> >
> > HI,
> >
> > some threads here, but no finally solution
> >
> > Today I did a video of the failure
> >
> > http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
> >
> >
> >
> > The problem is in automatic mode the tuner do not stop automatic after finding low SWR.
> >
> > And CAR is fully clockwise.
> >
> > In manual mode it works fine
> >
> > any ideas
> >
> > 73 Joe
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>

12046. Re: TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-30 18:42:08 UTC
From: avvidclif
Topic: 11918 Message: 12046

Go to the Extended Menu (Hold down Scan & TX-M.CH button and turn on). Look at Menu #3, it should be OFF.

Clif

--- In TS-850_450_690@...m, "joe" <oe3jtb@...> wrote:
>
> So I checked every voltage as described at page 172 of the service manual, TRX on a dummy, in manual mode it worrks fine and in automatic, somtimes it switches off.
> Got some writings of other hams, who have the same trouble, but also no solution.
> any addition ideas
> tnx and happy Easter
> 73 Joe
>
> --- In TS-850_450_690@yahoogroups.com, "joe" <oe3jtb@> wrote:
> >
> > Tnx, intresting for me would be, how much power is used for tuning, here is 35W maximum on an external SWR meter.
> > 73 Joe
> >
> > --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> > >
> > > Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob Â WE6C
> > >
> > > --- On Sat, 2/16/13, joe <oe3jtb@> wrote:
> > >
> > > From: joe <oe3jtb@>
> > > Subject: [TS-850_450_690] TS-850 automatic tuner failure
> > > To: TS-850_450_690@yahoogroups.com
> > > Date: Saturday, February 16, 2013, 7:51 AM
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >

> > >
> > >
> > >
> > > Â
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > HI,
> > >
> > > some threads here, but no finally solution
> > >
> > > Today I did a video of the failure
> > >
> > > http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
> > >
> > >
> > >
> > > The problem is in automatic mode the tuner do not stop automatic after finding low
SWR.
> > >
> > > And CAR is fully clockwise.
> > >
> > > In manual mode it works fine
> > >
> > > any ideas
> > >
> > > 73 Joe
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >

> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

12047. Re: TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-03-31 20:17:22 UTC
From: joe
Topic: 11918 Message: 12047

Hi Clif
tnx for answer, its already off :-(
73 Joe

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Go to the Extended Menu (Hold down Scan & TX-M.CH button and turn on). Look at Menu #3, it should be OFF.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "joe" <oe3jtb@> wrote:
> >
> > So I checked every voltage as described at page 172 of the service manual, TRX on a dummy, in manual mode it worrks fine and in automatic, somtimes it switches off.
> > Got some writings of other hams, who have the same trouble, but also no solution.
> > any addition ideas
> > tnx and happy Easter
> > 73 Joe
> >
> > --- In TS-850_450_690@yahoogroups.com, "joe" <oe3jtb@> wrote:
> > >
> > > Tnx, intresting for me would be, how much power is used for tuning, here is 35W maximum on an external SWR meter.
> > > 73 Joe
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> > > >
> > > > Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob Â WE6C
> > > >
> > > > --- On Sat, 2/16/13, joe <oe3jtb@> wrote:
> > > >
> > > > From: joe <oe3jtb@>
> > > > Subject: [TS-850_450_690] TS-850 automatic tuner failure
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Date: Saturday, February 16, 2013, 7:51 AM
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >

> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Â
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > HI,
> > > >
> > > > some threads here, but no finally solution
> > > >
> > > > Today I did a video of the failure
> > > >
> > > > http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
> > > >
> > > >
> > > >
> > > > The problem is in automatic mode the tuner do not stop automatic after finding low
SWR.
> > > >
> > > > And CAR is fully clockwise.
> > > >
> > > > In manual mode it works fine
> > > >
> > > > any ideas
> > > >
> > > > 73 Joe
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >

> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

12048. Re: [TS-850_450_690] Re: TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-01 00:56:59 UTC
From: Tom Jones N8NMA
Topic: 11918 Message: 12048

I have had a similar problem. Mine will tune some places and others it will not. Some of the time stopping and restarting the tuner makes it work. ???
Tom N8NMA

From: joe <oe3jtb@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, March 31, 2013 4:17 PM
Subject: [TS-850_450_690] Re: TS-850 automatic tuner failure

Hi Clif
tnx for answer, its already off :-(
73 Joe

--- In mailto:TS-850_450_690%40yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Go to the Extended Menu (Hold down Scan & TX-M.CH button and turn on). Look at Menu #3, it should be OFF.
>
> Clif
>
> --- In mailto:TS-850_450_690%40yahoogroups.com, "joe" <oe3jtb@> wrote:
> >
> > So I checked every voltage as described at page 172 of the service manual, TRX on a dummy, in manual mode it worrks fine and in automatic, somtimes it switches off.
> > Got some writings of other hams, who have the same trouble, but also no solution.
> > any addition ideas
> > tnx and happy Easter
> > 73 Joe
> >
> > --- In mailto:TS-850_450_690%40yahoogroups.com, "joe" <oe3jtb@> wrote:
> > >
> > > Tnx, intresting for me would be, how much power is used for tuning, here is 35W maximum on an external SWR meter.
> > > 73 Joe
> > >
> > > --- In mailto:TS-850_450_690%40yahoogroups.com, Bob Naylor <wotbob01@> wrote:
> > > >
> > > > Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob Â WE6C
> > > >
> > > > --- On Sat, 2/16/13, joe <oe3jtb@> wrote:
> > > >
> > > > From: joe <oe3jtb@>
> > > > Subject: [TS-850_450_690] TS-850 automatic tuner failure

> > > > To: mailto:TS-850_450_690%40yahoogroups.com
> > > > Date: Saturday, February 16, 2013, 7:51 AM
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Â
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > HI,
> > > >
> > > > some threads here, but no finally solution
> > > >
> > > > Today I did a video of the failure
> > > >
> > > > http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
> > > >
> > > >
> > > >
> > > > The problem is in automatic mode the tuner do not stop automatic after finding low SWR.
> > > >
> > > > And CAR is fully clockwise.
> > > >
> > > > In manual mode it works fine
> > > >
> > > > any ideas
> > > >
> > > > 73 Joe
> > > >
> > > >

> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

[Non-text portions of this message have been removed]

12049. Re: TS-850 automatic tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-01 02:56:54 UTC
From: Eric
Topic: 11918 Message: 12049

With my TS-850, there has been occasions when the auto tuner for some reason can't find a suitable match. When this happens I go into the menu funtion and use the tuner in Manual Tune Mode and am able to get a good match.

--- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
>
> I have had a similar problem. Mine will tune some places and others it will not. Some of the time stopping and restarting the tuner makes it work. ???
> Tom N8NMA
>
>
> _____
> From: joe <oe3jtb@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, March 31, 2013 4:17 PM
> Subject: [TS-850_450_690] Re: TS-850 automatic tuner failure
>
> Â
> Hi Clif
> tnx for answer, its already off :-(
> 73 Joe
>
> --- In mailto:TS-850_450_690%40yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Go to the Extended Menu (Hold down Scan & TX-M.CH button and turn on). Look at Menu #3, it should be OFF.
> >
> > Clif
> >
> > --- In mailto:TS-850_450_690%40yahoogroups.com, "joe" <oe3jtb@> wrote:
> > >
> > > So I checked every voltage as described at page 172 of the service manual, TRX on a dummy, in manual mode it worrks fine and in automatic, somtimes it switches off.
> > > Got some writings of other hams, who have the same trouble, but also no solution.
> > > any addition ideas
> > > tnx and happy Easter
> > > 73 Joe
> > >
> > > --- In mailto:TS-850_450_690%40yahoogroups.com, "joe" <oe3jtb@> wrote:
> > > >
> > > > Tnx, intresting for me would be, how much power is used for tuning, here is 35W maximum on an external SWR meter.
> > > > 73 Joe
> > > >
> > > > --- In mailto:TS-850_450_690%40yahoogroups.com, Bob Naylor <wotbob01@> wrote:

> > > > >
> > > > > Since I'm not home I cannot check my manual but if I remember correctly there's a setting that will make the tuner continue to tune or stop at the lowest SWR. Maybe someone else remembers.Bob ÃÂ WE6C
> > > > >
> > > > > --- On Sat, 2/16/13, joe <oe3jtb@> wrote:
> > > > >
> > > > > From: joe <oe3jtb@>
> > > > > Subject: [TS-850_450_690] TS-850 automatic tuner failure
> > > > > To: mailto:TS-850_450_690%40yahoogroups.com
> > > > > Date: Saturday, February 16, 2013, 7:51 AM
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > ÃÂ
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > HI,
> > > > >
> > > > > some threads here, but no finally solution
> > > > >
> > > > > Today I did a video of the failure
> > > > >
> > > > > http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
> > > > >
> > > > >
> > > > >
> > > > > The problem is in automatic mode the tuner do not stop automatic after finding low SWR.
> > > > >
> > > > > And CAR is fully clockwise.

> > > > >
> > > > > In manual mode it works fine
> > > > >
> > > > > any ideas
> > > > >
> > > > > 73 Joe
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > >
> > >
> > >
> >
> >
> >
> >
> [Non-text portions of this message have been removed]
>

12050. Re: TS-850 automatic tuner failure pherhaps a solution !

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-01 14:39:02 UTC
From: joe
Topic: 11918 Message: 12050

Yesterday I got one step further!

In the service manual on page 172, there is the AT described.
After checking all voltages as described, I fond TC1.
in the middle of the left page, there is TC1.
You find it if you remove the top back cover of the tuner
Then I did tuning on a dummy load and during tuning I adjust TC1 carefully. I can hear, that the behavior of the "tuning tone" changes from faster to slower and voila the tuner switches off automaticly.
If the anoying "rit rit" tone is reached, before the tuner switches off you can force a new tuning over by moving the car knob fully CCW, wait 3-4 seconds and than moving fully CW.
Mine now is 90% ok, some antennas can not be tuned, but in that case I am using manual mode

73 Joe, OE3JTB

--- In TS-850_450_690@yahoogroups.com, "joe" <oe3jtb@...> wrote:
>
> HI,
> some threads here, but no finally solution
> Today I did a video of the failure
> http://www.youtube.com/watch?v=VBLMRxoHh-E&feature=youtu.be
>
> The problem is in automatic mode the tuner do not stop automatic after finding low SWR.
> And CAR is fully clockwise.
> In manual mode it works fine
> any ideas
> 73 Joe
>

12051. Re: TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-04 11:27:52 UTC
From: joe
Topic: 1040 Message: 12051

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@...> wrote:
>
> I have pictures of the gear train ass'y if anyone needs them. Let me know and I will post to the "photos" section of the group.
> b
Yes please, that would be nice
73 Joe OE3JTB

12052. Introductions, and a question or two

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-04 13:10:58 UTC
From: W3LZK
Topic: 12052 Message: 12052

Greetings to the members of the group, I have been remiss and have not properly introduced myself to the group like I usually do whenever I join a new group. My name is Mark my call is AI4HO, I live in Vero Beach, Fl, I have been a licensed ham since 1995, but have only been active for about the last 10 years. I enjoy most aspects of the hobby, but my true love in this hobby is rag chewing.

That said, I recently bought a TS-450S/AT, well, I guess it has been a month since I got. I have multiple Kenwood rigs in my home, and my truck, my mobile HF is a TS-480HX 200 watt to a full size Tar Heel screwdriver antenna, my VHF/UHF rig in the house is a D700A, with APRS, and Sky Command. I also have 2 HT's, a TH-F6A, and my most recent purchase a TH-D72A which is a D700/D710, only in an HT version. My main HF rig is an Icom 756 ProIII, but that isn't what I am here for.

Once upon a time ago, back when I had my first TS-480HX or my TS-570D/G, don't remember which, think it was the 570D, some one in the 570 yahoo group had information on how to get or how to read the serial number, something, pertaining to when the rig was made, where the rig was made, etc. I was wondering if anyone in the group here may know what web site one can go to to find this information. So far my searches have revealed nada, nothing. Don't know if I not wording it correctly or what. I am just curious as to when this particular rig was manufactured, the former owner, took exceptional care of this rig. It was his very first rig, he never said when he got it, just said he bought it new.

Wanted to introduce myself haven't been well, my disease has been rearing its ugly head and has kept me down for way too long now. But, we have a little energy, today, so hopefully I'm turning things around albeit temporarily, but I'll take anything I can get, thanks to everyone,

73 de Mark
AI4HO

12053. TS450 low receive audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-05 22:13:00 UTC
From: DonP
Topic: 12053 Message: 12053

Our group station is a TS450 & SGC auto-tuner. I'm trying to find out why the receive audio level is so low.
What I've tried:
RF gain is all the way up.
I've set the filter switches to their "noisiest" positions. Same for Notch & IF shift.
Disconnected the antenna & tuner and stuck a piece of wire into the antenna jack.
Haven't tried an external speaker.
I have the AF gain all the way up, and volume is only mediocre. Headphone volume is also low.
I'm wondering if there is some other setting I'm missing.
TNX
Don K2BIO / K6JOB / KXCH

12054. Re: [TS-850_450_690] TS450 low receive audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-05 22:35:58 UTC
From: John Kramer
Topic: 12053 Message: 12054

The dreaded leaking capacitor - I lost a 450 like that too, AF audio got weaker and weaker over time. I forget where the capacitor that leaked is located, but I have since seen many other reports
with the same failure.
I'm sure Clif will jump in and provide the info where to look. You just need to get it done quickly before
other parts of the board are not destroyed

73
JK

On 06 Apr 2013, at 12:13 AM, DonP <BlueFlash@...> wrote:

> Our group station is a TS450 & SGC auto-tuner. I'm trying to find out why the receive audio level is so low.
> What I've tried:
> RF gain is all the way up.
> I've set the filter switches to their "noisiest" positions. Same for Notch & IF shift.
> Disconnected the antenna & tuner and stuck a piece of wire into the antenna jack.
> Haven't tried an external speaker.
> I have the AF gain all the way up, and volume is only mediocre. Headphone volume is also low.
> I'm wondering if there is some other setting I'm missing.
> TNX
> Don K2BIO / K6JOB / KXCH
>
>

[Non-text portions of this message have been removed]

12055. Re: [TS-850_450_690] TS450 low receive audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-05 22:45:26 UTC
From: Tom Osborne
Topic: 12053 Message: 12055

You sure the attenuator isn't pushed in by mistake. I've done that here many times :-) 73
Tom W7WHY

Our group station is a TS450 & SGC auto-tuner. I'm trying to find out why the receive audio level is so low.
What I've tried:
RF gain is all the way up.
I've set the filter switches to their "noisiest" positions. Same for Notch & IF shift.
Disconnected the antenna & tuner and stuck a piece of wire into the antenna jack.
Haven't tried an external speaker.
I have the AF gain all the way up, and volume is only mediocre. Headphone volume is also low.
I'm wondering if there is some other setting I'm missing.
TNX
Don K2BIO / K6JOB / KXCH

12056. Re: TS450 low receive audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-06 00:09:53 UTC
From: DonP
Topic: 12053 Message: 12056

Some searching finds similar receive problems, related to C104. I found Clif's description and will try to bring the rig home this weekend and dig in. TNX for the help.
Don

--- In TS-850_450_690@yahoogroups.com, "DonP" <BlueFlash@...> wrote:
>
> Our group station is a TS450 & SGC auto-tuner. I'm trying to find out why the receive audio level is so low.

12057. Re: TS450 low receive audio - FIXED ! !

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-08 01:08:45 UTC
From: DonP
Topic: 12053 Message: 12057

Took the rig apart yesterday on the ship and found the goopy cap, so I brought it home. Swapped a few emails with Clif, removed the old cap and installed a new one and a jumper to replace an eroded trace. Works like a new radio now! TNX to all.
Don K2BIO / K6JOB / KXCH

--- In TS-850_450_690@yahoogroups.com, "DonP" <BlueFlash@...> wrote:
>
> Some searching finds similar receive problems, related to C104. I found Clif's description and will try to bring the rig home this weekend and dig in. TNX for the help.
> Don
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "DonP" <BlueFlash@> wrote:
> >
> > Our group station is a TS450 & SGC auto-tuner. I'm trying to find out why the receive audio level is so low.
>

12058. Re: [TS-850_450_690] Re: TS450 low receive audio - FIXED ! !

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-08 23:06:04 UTC
From: Bob Naylor
Topic: 12053 Message: 12058

Congrats!!!

--- On Sun, 4/7/13, DonP <BlueFlash@...> wrote:

From: DonP <BlueFlash@...>
Subject: [TS-850_450_690] Re: TS450 low receive audio - FIXED ! !
To: TS-850_450_690@yahoogroups.com
Date: Sunday, April 7, 2013, 6:08 PM

Took the rig apart yesterday on the ship and found the goopy cap, so I brought it home. Swapped a few emails with Clif, removed the old cap and installed a new one and a jumper to replace an eroded trace. Works like a new radio now! TNX to all.

Don K2BIO / K6JOB / KXCH

--- In TS-850_450_690@yahoogroups.com, "DonP" <BlueFlash@...> wrote:

>

> Some searching finds similar receive problems, related to C104. I found Clif's description and will try to bring the rig home this weekend and dig in. TNX for the help.

> Don

>

>

>

> --- In TS-850_450_690@yahoogroups.com, "DonP" <BlueFlash@> wrote:

> >

> > Our group station is a TS450 & SGC auto-tuner. I'm trying to find out why the receive audio level is so low.

>

[Non-text portions of this message have been removed]

12059. KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-11 01:52:21 UTC
From: Jay TheEbayer
Topic: 12059 Message: 12059

Just got my HF ticket on Saturday. Bought a Kenwood TS-850 from a ham who got it from a silent key last year. It's my first HF radio. I know very little about HF, just what I've been studying, so my practical experience is lacking. I am glad I stumbled on this group! Perhaps there have been a bunch of newbs who have joined the group, and info to explore, but I haven't browsed much content yet.

Just thought I'd say hi.

Oh and my club at University of Akron is launching a High Altitude Balloon on Saturday, we are putting a cross band repeater on it, if you are anywhere in central to eastern USA, you may be able to get to us. http://wiki.w8upd.org/wiki/HABP1

J-kd8tul

[Non-text portions of this message have been removed]

12060. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-11 04:30:47 UTC
From: Dave Rust
Topic: 12059 Message: 12060

Jay, thanks for the email introduction. Welcome to the hobby and this group. The 850s is a VERY nice radio. You will enjoy it. Also, the Balloon launch, be interesting to see how far it can be heard.

Again, welcome and enjoy!
Dave W0DLR
73

[Non-text portions of this message have been removed]

12061. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-11 15:20:36 UTC
From: Bob Naylor
Topic: 12059 Message: 12061

Enjoy your new radio. You're starting with one of the best HF radios out there. I've had mine since 1995 or so and have no desire to change. Do you have any "extras" installed in it?73 and welcome. Bob WE6C

--- On Wed, 4/10/13, Jay TheEbayer <ebayerjay@...> wrote:

From: Jay TheEbayer <ebayerjay@...>
Subject: [TS-850_450_690] KD8TUL /AG first rig is a TS850s
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Wednesday, April 10, 2013, 6:52 PM

Just got my HF ticket on Saturday. Bought a Kenwood TS-850 from a ham who got it from a silent key last year. It's my first HF radio. I know very little about HF, just what I've been studying, so my practical experience is lacking. I am glad I stumbled on this group! Perhaps there have been a bunch of newbs who have joined the group, and info to explore, but I haven't browsed much content yet.

Just thought I'd say hi.

Oh and my club at University of Akron is launching a High Altitude Balloon on Saturday, we are putting a cross band repeater on it, if you are anywhere in central to eastern USA, you may be able to get to us. http://wiki.w8upd.org/wiki/HABP1

J-kd8tul

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12062. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-11 16:30:09 UTC
From: Bob Naylor
Topic: 12059 Message: 12062

Let us know about the furthest contact.Bob WE6C

--- On Wed, 4/10/13, Dave Rust <dlrust@...> wrote:

From: Dave Rust <dlrust@wildblue.net>
Subject: Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, April 10, 2013, 9:30 PM

Jay, thanks for the email introduction. Welcome to the hobby and this group. The 850s is a VERY nice radio. You will enjoy it. Also, the Balloon launch, be interesting to see how far it can be heard.

Again, welcome and enjoy!

Dave W0DLR

73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12063. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-12 01:31:54 UTC
From: Jay TheEbayer
Topic: 12059 Message: 12063

Hey! I share your enthusiasm. Though I'm just learning. It doesn't have the Digital module, and when I press the filters options I have 12 and 2.7 on the 8.83 side and 12, 6 and 2.7 on the 455 side. I don't know where else to look, but have loved most of the dails and controls front facing, because I can try things without menus!
J kd8tul

From: Bob Naylor <wotbob01@...>
To: TS-850_450_690@...m
Sent: Thursday, April 11, 2013 11:20 AM
Subject: Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Enjoy your new radio. You're starting with one of the best HF radios out there. I've had mine since 1995 or so and have no desire to change. Do you have any "extras" installed in it?73 and welcome. Bob WE6C

--- On Wed, 4/10/13, Jay TheEbayer <ebayerjay@...> wrote:

From: Jay TheEbayer <ebayerjay@...>
Subject: [TS-850_450_690] KD8TUL /AG first rig is a TS850s
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Wednesday, April 10, 2013, 6:52 PM

Just got my HF ticket on Saturday. Bought a Kenwood TS-850 from a ham who got it from a silent key last year. It's my first HF radio. I know very little about HF, just what I've been studying, so my practical experience is lacking. I am glad I stumbled on this group! Perhaps there have been a bunch of newbs who have joined the group, and info to explore, but I haven't browsed much content yet.

Just thought I'd say hi.

Oh and my club at University of Akron is launching a High Altitude Balloon on Saturday, we are putting a cross band repeater on it, if you are anywhere in central to eastern USA, you may be able to get to us. http://wiki.w8upd.org/wiki/HABP1

J-kd8tul

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12064. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-12 02:32:20 UTC
From: Dave Rust
Topic: 12059 Message: 12064

Jay, if I remember right the 850s has a switch for the brightness on the display. My 450s has one brightness, BRIGHT. Its's kinda obnoxious in the dark. But its a Kenwood, so it is good.
Dave W0DLR

[Non-text portions of this message have been removed]

12065. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-12 23:31:30 UTC
From: Bob Naylor
Topic: 12059 Message: 12065

Yep you set the menu items like you like them just once and you're good to go, unless you want to change something. Did you get a manual with it?Bob WE6C

--- On Thu, 4/11/13, Jay TheEbayer <ebayerjay@...> wrote:

From: Jay TheEbayer <ebayerjay@...>
Subject: Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Thursday, April 11, 2013, 6:31 PM

Hey! I share your enthusiasm. Though I'm just learning. It doesn't have the Digital module, and when I press the filters options I have 12 and 2.7 on the 8.83 side and 12, 6 and 2.7 on the 455 side. I don't know where else to look, but have loved most of the dails and controls front facing, because I can try things without menus!

J kd8tul

From: Bob Naylor <wotbob01@...>

To: TS-850_450_690@yahoogroups.com

Sent: Thursday, April 11, 2013 11:20 AM

Subject: Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Enjoy your new radio. You're starting with one of the best HF radios out there. I've had mine since 1995 or so and have no desire to change. Do you have any "extras" installed in it?73 and welcome. Bob WE6C

--- On Wed, 4/10/13, Jay TheEbayer <ebayerjay@...m> wrote:

From: Jay TheEbayer <ebayerjay@...>

Subject: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

To: "TS-850_450_690@...m" <TS-850_450_690@yahoogroups.com>

Date: Wednesday, April 10, 2013, 6:52 PM

Just got my HF ticket on Saturday. Bought a Kenwood TS-850 from a ham who got it from a silent key last year. It's my first HF radio. I know very little about HF, just what I've been studying, so my practical experience is lacking. I am glad I stumbled on this group! Perhaps there have been a bunch of newbs who have joined the group, and info to explore, but I haven't browsed much content yet.

Just thought I'd say hi.

Oh and my club at University of Akron is launching a High Altitude Balloon on Saturday, we are putting a cross band repeater on it, if you are anywhere in central to eastern USA, you may be able to get to us. http://wiki.w8upd.org/wiki/HABP1

J-kd8tul

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12066. Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-12 23:33:49 UTC
From: Bob Naylor
Topic: 12059 Message: 12066

That's a great feature especially from the front panel. No going to menus. I keep mine on dim all the time except when using it outside which is only at field day.Bob WE6C

--- On Thu, 4/11/13, Dave Rust <dlrust@wildblue.net> wrote:

From: Dave Rust <dlrust@...>
Subject: Re: [TS-850_450_690] KD8TUL /AG first rig is a TS850s
To: TS-850_450_690@yahoogroups.com
Date: Thursday, April 11, 2013, 7:32 PM

Jay, if I remember right the 850s has a switch for the brightness on the display. My 450s has one brightness, BRIGHT. Its's kinda obnoxious in the dark. But its a Kenwood, so it is good.

Dave W0DLR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12067. Kenwood TS 450 - CAT Control not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-13 02:50:15 UTC
From: Scott
Topic: 12067 Message: 12067

Does anyone in the group here use WSJT-X and work JT9 using CAT control?

I cannot get it to work and I believe the settings are set correctly. COM1, 8 Data bits, 4800 Serial Rate, 2 Stop bits and No handshake. These are the same settings I successfully use on HRD, ACLog and N1MM. I have a serial port on my computer so there's no drivers or anything that need installed. Does anyone have any ideas at all why CAT isn't working?

Thanks in advance.

Scott
KN3A

12068. Re: [TS-850_450_690] Kenwood TS 450 - CAT Control not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-13 02:59:21 UTC
From: Tom Osborne
Topic: 12067 Message: 12068

Hi Scott

I use CAT control here with my '450's and the settings are 4800, N, 8, 2 - Handshake, Handshake.

I've used these settings with JT-65, and lots of other digital modes. 73
Tom W7WHY

Does anyone in the group here use WSJT-X and work JT9 using CAT control?

I cannot get it to work and I believe the settings are set correctly. COM1, 8 Data bits, 4800 Serial Rate, 2 Stop bits and No handshake. These are the same settings I successfully use on HRD, ACLog and N1MM. I have a serial port on my computer so there's no drivers or anything that need installed. Does anyone have any ideas at all why CAT isn't working?

Thanks in advance.

Scott
KN3A

12069. What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 03:41:02 UTC
From: Steve Wilson
Topic: 12069 Message: 12069

I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.

Thanks, Steve
KG6HJU

12070. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 13:43:23 UTC
From: Crownhaven
Topic: 12069 Message: 12070

Had one simultaneously with TS-850S, next was TS-870S and finally,
TS-590S. TS-990S to big for me to pick up.

On 4/13/2013 10:41 PM, Steve Wilson wrote:
>
> I have a TS-450SAT that I bought from a buddy back in 2001. I was
> excited about my tech license and thought I would immediately go for
> my General, but life got in the way. I finally got my General in 2010
> and was able to put the TS-450 to work. I have to admit that I'm still
> learning the ins and outs of the rig (and HF in general...no pun
> intended), but I'm tempted by the newer rigs and newer technologies. I
> was just curious, for those who have the TS-450, what your next rig
> was...or what your desired next rig is.
>
> Thanks, Steve
> KG6HJU
>
>

[Non-text portions of this message have been removed]

12071. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 10:56:27 UTC
From: Tom Waraksa
Topic: 12069 Message: 12071

Steve,

Good for you. Glad to see you got your general and you are continuing on your ham radio journey. I am pretty much a Kenwood man and have been licensed for 43 years. I have both the TS450SAT and the TS480SAT and love them both. They work fine for me for what I do. I do a little bit of everthing....DX chasing, local nets, a little bit of contesting, etc. I also live ham radio on a budget so I am not one to purchase the big luxury rigs. I find I can do most of what I want with the rigs I have. I have deed restrictions so my antenna farm is modest and stealth. I do have a restored Heath SB200 linear to help out on getting some of those DX contacts.

My only piece of advice would be to become a really good operator with the rig you have and know and understand most of the features on the 450. Once you master them and realize you need more, then it may be time to upgrade to the next level. For me the differences between the 450 and 480 are minimal from a practical standpoint and for what I do.

You asked a pretty open ended question, so you are bound to get lots of opinions, which is probably exactly what you were looking for.

Good luck and 73,

Tom AF8P

From: Steve Wilson <steve_wilson@...>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 13, 2013 11:41 PM
Subject: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.

Thanks, Steve
KG6HJU

[Non-text portions of this message have been removed]

12072. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 14:37:25 UTC
From: Dave Rust
Topic: 12069 Message: 12072

Steve I like the 450SAT as well as anything I have had. I had a couple TS2000 radios. The first one the vhf finals went out in right away. Sent it back to the dealer, got another one, and soon sold it. Never did like the idea of all your radios in one box. So if I get anything else it would be a TS870 if I can ever find one.

The newer radios just have too many functions I never did use, and I always suspected if I kept the second 2000 long enough it would have something that would shoot craps.

My .02 cents worth. I like to keep them simple.
Dave W0DLR 73

[Non-text portions of this message have been removed]

12073. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 14:24:41 UTC
From: Dennis
Topic: 12069 Message: 12073

I have been using a TS-850 for years. I have used a TS-450. I would say it is a great radio for 99% of what most hams would need to do. If I wanted a newer rig I would buy the TS-590. For the receiver and the price, it is a great deal. If you like the 450, use it and enjoy it. The grass always seems greener on the other side of the fence.
I will tell any one, to get the most out of any rig, the antenna is the most important part of your station. 73

Dennis W8YS

From: Steve Wilson
Sent: Saturday, April 13, 2013 11:41 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.

Thanks, Steve
KG6HJU

[Non-text portions of this message have been removed]

12074. Re: What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 16:22:55 UTC
From: Steve Wilson
Topic: 12069 Message: 12074

WOW! Thanks for the replies! I agree that I need to learn more about this rig. I hate to admit it, but I finally took some time with the manual to lean how to program the scan ranges. That in itself was huge, for me, as it allows me to multi-task while the scan is running rather than tuning the dial manually. So the lesson there, was to invest some more time in the manual and search the archives here and the Net for additional tips and tricks.

As to antenna, I recently replaced the MA5V with the R8. I'm using verticals, due to W.A.F. (wife approval factor). I'd love to get a yagi up at some point.

As to CW...I find it interesting, and it isn't THAT surprising, that when my father and I took an introductory class, when I was in high school, I didn't have the interest or patience for CW. But now, in my 50's and continuing with the hobby, I'm becoming more and more interested. I enjoy music and feel if I put some effort, that picking up CW won't be too difficult. We also have a slow-CW net that my club has been doing.

Thanks again for the replies. I really do appreciate both the rig AND operator improvement opinions.

Thanks, Steve
KG6HJU

--- In TS-850_450_690@yahoogroups.com, "Steve Wilson" <steve_wilson@...> wrote:
>
> I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.
>
> Thanks, Steve
> KG6HJU
>

12075. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 16:22:48 UTC
From: Larry Banks
Topic: 12069 Message: 12075

Hi Steve,

I used a TS-450SAT for a number of years at my shack in Maine. I just upgraded to a 590. Very happy with the change. My other choice was a K3, but the reports of harsh audio and twice the price for an equivalent rig pushed me to the 590. (Plus I've had a 430, and use a TS-2000 at my shack here in MA, so I guess I'm a Kenwood guy!)

You will be happy with the 590. Better selectivity and noise reduction. Excellent on SSB and quite good on CW.

73 -- Larry -- W1DYJ

----- Original Message -----
From: Steve Wilson
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, April 13, 2013 11:41 PM
Subject: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.

Thanks, Steve
KG6HJU

[Non-text portions of this message have been removed]

12076. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 16:35:13 UTC
From: Dave Rust
Topic: 12069 Message: 12076

Dennis W8YS....agreed about the antenna. My Elmer always told me don't spend .25 cents on an antenna, a $25. antenna would be a better investment that a $250 amplifier. In most cases I would certainly agree. The best antenna you can have is always to your advantage. 73 Dave W0DLR

[Non-text portions of this message have been removed]

12077. Re: What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 18:51:41 UTC
From: Eric
Topic: 12069 Message: 12077

I have a TS-850S/AT that I purchased new in 1992. I've done the major mods to it and a couple of repairs. It's still going strong. But I could use some decent roofing filters, so I considered the TS-590. However, I passed because aside the roofing filters, the TS-590 does not have what I need. I really wanted a remotely accessable voice playback similar to the arrangement used by the TS-850 but that feature is not available on the TS-590. The voice playback for contesting, etc is only accessable via the front panel or via computer. It is not safe during mobile operation and very inconvenient during camping, portable and field day operation when using batteries. Also, the repeated use of the front panel playback buttons will eventually wear out the paint on the buttons. Another feature that I want is the ability to convert the automatic antenna tuner into a manual tuner. There have been more than a few occassions when operating portable, where the match is under 3 to 1, but the auto tuner could not find a match. Going to manual mode, I could always find a match if the SWR was under 3 to 1. The TS-590 does not have a manual tune mode. For a time, I was discussing these issue with Kenwood, but so far they have no plans to incorporate these features in a TS-590 price class radio. I am considering getting the 5Khz roofing filter offered by Inrad which will help. But I really want a 3Khz filter that I could switch in or out as needed.
--- In TS-850_450_690@yahoogroups.com, "Steve Wilson" <steve_wilson@...> wrote:
>
> I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.
>
> Thanks, Steve
> KG6HJU
>

12078. Re: What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 18:51:56 UTC
From: W3LZK
Topic: 12069 Message: 12078

Steve,

My main rig is an Icom 756 ProIII that I've had for about 4 years now, still not a lot of hours on it. I bought my TS-450 from a guy in Michigan about a month, maybe 6 weeks ago now, and I love it it, lately the 450 has been getting more use than the Pro III. Don't get me wrong, there is nothing wrong with the ProIII, but lately I have been getting the wants for the TS-590. No reason really, unless its the fact that every other rig I own is a Kenwood. Besides the TS-450, there is the TS-480HX (200 watts) I have in my truck, a D-700A dual band, and my 2 HT's the TH-F6A, and my TH-D72A. I dunno, part of me says...sell the ProIII and get the 590, the other part says, no reason to part with an outstanding rig like the ProIII. Time will tell, time will tell.

73 de Mark
AI4HO

--- In TS-850_450_690@yahoogroups.com, "Steve Wilson" <steve_wilson@...> wrote:
>
> I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.
>
> Thanks, Steve
> KG6HJU
>

12079. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 21:56:21 UTC
From: Trent Fleming
Topic: 12069 Message: 12079

I have the TS-690s, and am considering a newer rig. I bought a Yaesu FT-897D, and have made myself use it for HF, even in a contest or two . . . I did not like the extensive need to select layered menus, at all. Even working split seems much more cumbersome. I will probably keep the 897 for VHF work, but I 'm now considering a TS-590s to keep the "big rig" look and feel, as well as add diversity receive and DSP.

Still, the antenna arguments are correct . . . if I invested in a better antenna system, and spent some time locating and correcting some of my local noise issues, the 690 would still be all I need, frankly.

So many options, and we all suffer from "grass is always greener" syndrome, I guess.

Just my 2 cents.

73

Trent
N4DTF

On Sun, Apr 14, 2013 at 11:35 AM, Dave Rust <dlrust@...> wrote:

> **
>
>
> Dennis W8YS....agreed about the antenna. My Elmer always told me don't
> spend .25 cents on an antenna, a $25. antenna would be a better investment
> that a $250 amplifier. In most cases I would certainly agree. The best
> antenna you can have is always to your advantage.
> 73 Dave W0DLR
>
> [Non-text portions of this message have been removed]
>
>
>

--
Trent Fleming

My blog on banking topics:

www.bankinginsights.blogspot.com

My web site

www.trentfleming.com

Follow me on FaceBook
www.facebook.com/thetechnologyadvisor

Follow me on Twitter
www.twitter.com/N4DTF
www.twitter.com/remotedeposit
www.twitter.com/techadvisor

[Non-text portions of this message have been removed]

12080. TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 18:42:37 UTC
From: N6EV - Paul Carreiro
Topic: 12080 Message: 12080

At 03:56 AM 4/14/2013, Tom AF8P wrote in the
"What was/is your next rig from the TS-450SAT?" thread:

>My only piece of advice would be to become a
>really good operator with the rig you have and
>know and understand most of the features on the
>450. Â Once you master them and realize you need
>more, then it may be time to upgrade to the next
>level. Â For me the differences between the 450
>and 480 are minimal from a practical standpoint and for what I do.

This is great advice Tom. To that end, one of
the best features of the TS-450/690 that you
don't find in other rigs (even it's big brother
the TS-850 and subsequent rigs) is the RX
Meter. In my informal polling on the air and
online, most operators using the TS-450/690 don't
understand or don't use this powerful
feature. Most may have it engaged, looking at
the bar graph LEDs flicker away reflecting
received audio level, but do nothing more.

The power of this feature shines when used in
combination with the RF Gain adjustment. Once a
desired signal is tuned in with desired
filtering, with the RX Meter active, back off the
RF Gain until the peaks of the receive signal on
the RX Meter bar graph just start to come off the
0 dB point. This is that magical sweet spot
point where AGC is not backing off the desired
signal, resulting in maximum signal to
noise. Back off RF Gain further and you start to
reduce the desired signal. Back off RF Gain less
from this point and you increase noise and AGC
starts to cut back the desired signal.

It really is a powerful feature that I wish was
incorporated into other rigs. In fact I don't
know of another rig that has it. Anyone know of
one? I don't know if Kenwood has incorporated it
into its latest rigs (TS-590 / TS-990). Perhaps
someone could tell me that. If they did, I'd be
inclined to relegate my TS-690 to backup rig status and upgrade.

Hope this helps.
73

Paul N6EV
http://www.N6EV.com/
Code Elmer

12081. Re: [TS-850_450_690] TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-14 23:34:53 UTC
From: Frank Zavada
Topic: 12080 Message: 12081

Hello this feature is one of the corner stones in the Ten Tec line from the Omni VI thru the Orion, they even have a u tube video on the subject. Frank KD7HVL

From: N6EV - Paul Carreiro <Paul@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, April 14, 2013 11:42 AM
Subject: [TS-850_450_690] TS-450/690's best kept secret (most underutilized feature)

At 03:56 AM 4/14/2013, Tom AF8P wrote in the
"What was/is your next rig from the TS-450SAT?" thread:

>My only piece of advice would be to become a
>really good operator with the rig you have and
>know and understand most of the features on the
>450. Â Once you master them and realize you need
>more, then it may be time to upgrade to the next
>level. Â For me the differences between the 450
>and 480 are minimal from a practical standpoint and for what I do.

This is great advice Tom. To that end, one of
the best features of the TS-450/690 that you
don't find in other rigs (even it's big brother
the TS-850 and subsequent rigs) is the RX
Meter. In my informal polling on the air and
online, most operators using the TS-450/690 don't
understand or don't use this powerful
feature. Most may have it engaged, looking at
the bar graph LEDs flicker away reflecting
received audio level, but do nothing more.

The power of this feature shines when used in
combination with the RF Gain adjustment. Once a
desired signal is tuned in with desired
filtering, with the RX Meter active, back off the
RF Gain until the peaks of the receive signal on
the RX Meter bar graph just start to come off the
0 dB point. This is that magical sweet spot
point where AGC is not backing off the desired
signal, resulting in maximum signal to
noise. Back off RF Gain further and you start to
reduce the desired signal. Back off RF Gain less
from this point and you increase noise and AGC
starts to cut back the desired signal.

It really is a powerful feature that I wish was
incorporated into other rigs. In fact I don't
know of another rig that has it. Anyone know of
one? I don't know if Kenwood has incorporated it
into its latest rigs (TS-590 / TS-990). Perhaps
someone could tell me that. If they did, I'd be
inclined to relegate my TS-690 to backup rig status and upgrade.

Hope this helps.
73
Paul N6EV
http://www.N6EV.com/
Code Elmer

[Non-text portions of this message have been removed]

12082. Re: What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 00:17:05 UTC
From: rzacharkow
Topic: 12069 Message: 12082

Well, Steve, I joined this group not long ago myself. I am an original owner of my ts-450 and asked if i ought to upgrade. I really like the rig, get lots of enjoyment from it. And after listening to the input I got on the group, I plan to continue to enjoy the 450 for quite a few more years to come.

Rick
N1NIJ

--- In TS-850_450_690@yahoogroups.com, "Steve Wilson" <steve_wilson@...> wrote:
>
> I have a TS-450SAT that I bought from a buddy back in 2001. I was excited about my tech license and thought I would immediately go for my General, but life got in the way. I finally got my General in 2010 and was able to put the TS-450 to work. I have to admit that I'm still learning the ins and outs of the rig (and HF in general...no pun intended), but I'm tempted by the newer rigs and newer technologies. I was just curious, for those who have the TS-450, what your next rig was...or what your desired next rig is.
>
> Thanks, Steve
> KG6HJU
>

12083. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 00:30:00 UTC
From: Mark Graybill
Topic: 12069 Message: 12083

I got my 450SAT about a year ago and I'm still growing into it. At this point, i can't see replacing it so much as supplementing it. Like adding a RigBlaster or something like it. Upgrading mmy antenna and feedline, etc.

New rigs will be ones that do other things. Like putting a mobile rig in my car. I've got an FT-2900R I use alongside the 450 now, and I've got a TS-700A that I'd like to get on the air again with SSB. If that works, I might see about getting a TS-600A.

But replacing the 450SAT? Can't see that happening any time soon. I honestly don't know any features I'd like to add that would push it out of its place.

Mark, W8BIT

On Sat, Apr 13, 2013 at 8:41 PM, Steve Wilson <steve_wilson@...>wrote:

> **
>
>
> I have a TS-450SAT that I bought from a buddy back in 2001. I was excited
> about my tech license and thought I would immediately go for my General,
> but life got in the way. I finally got my General in 2010 and was able to
> put the TS-450 to work. I have to admit that I'm still learning the ins and
> outs of the rig (and HF in general...no pun intended), but I'm tempted by
> the newer rigs and newer technologies. I was just curious, for those who
> have the TS-450, what your next rig was...or what your desired next rig is.
>
> Thanks, Steve
> KG6HJU
>
>
>

[Non-text portions of this message have been removed]

12084. Re: [TS-850_450_690] TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 00:57:19 UTC
From: Dave Rust
Topic: 12080 Message: 12084

You are right about the way to operate the radio. That's the way I use mine. I never have the RF gain wide open.

It always amuses me to hear someone say they have the RF gain up and the attenuator in and this and that in and turned on, all for naught. Everyone should operate their radio the way it pleases them, but I thoroughly agree with the way you describe the RF gain and AGC action. I'm not saying that is wrong, nor my way is the right way, but it works for me. Dave W0DLR 73

[Non-text portions of this message have been removed]

12085. Re: [TS-850_450_690] TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 03:54:51 UTC
From: Chuck Goelz
Topic: 12080 Message: 12085

OK, I usually lurk in the background and listen... But this topic struck a chord, and I can't resist responding. There is a feature in this vintage of Kenwood radios that I have never heard of anyone other than me exploiting...

I am mostly a techie, more interested in making my shack do what I want it to do than actually operating and getting awards and such. But I do like to engage in DXing, and track my progress even if I don't actually apply for the awards. I use some nice software (www.dxlabsuite.com) to track my progress and to provide spot listings that will activate QSY and mode settings to chase DX easily.

Well, after my TS-440, I got a TS-450SAT, and then developed an operating technique for split operations that I've never heard used by anyone else. On a relatively recent visit to HRO, I played with a number of modern rigs, and asked the sales professionals for help trying to do this... Not one radio that they currently sell would do this (well the Yeasu's theoretically could do it, but no one knew how to do it).

OK, so I get a spot for needed DX operating split. I double click on it and my trusty TS-450 QSYs both VFOs, sets mode and split and I'm good to go. I hear the DX (mode is arbitrary -- in this case CW), and validate his callsign, but conditions warrant the 500 Hz filter. I hit & hold the T-F button to listen to his RX frequency (QSX). The stations calling him are all over the place, and I can hear them because VFO B has the 2.7 KHz filter enabled. Cool!!! Now, with one finger holding the T-F button in I can tune a calling station with my thumb. Letting go of the T-F button, I can listen for the DX to send "xxx 599", then hit T-F to listen for a note that is sending "599 TU" and use my thumb to tune him in and be ready to send my callsign at the next opportunity...

Believe it not, a TS-2000 CANNOT select different filters for the VFOs. I would be surprised if the 590 or 990 would do it (anyone here know for sure?). This, to me, is a step in the wrong direction. So it has made me a believer in the capabilities of the TS-450/850 series! I have a friend who has a bazillion dollar station, a REAL DXer, who watched me work a "new one" one day. He was impressed (he was also with me on the HRO visit). He called it my "poor man's band-scope" (with admiration).

Does anyone here know of any other radios that will assign different filters based on VFO selection in such a useful way?

(Still remember my DX-100B & NC-155, and the step forward to the Swan 350!!! And several other RX/TX combinations of the era. I remember them fondly, but I really don't want to go back!!)

Cheers es 73,
Chuck, WA3CEJ

[Non-text portions of this message have been removed]

12086. Re: [TS-850_450_690] TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 04:44:14 UTC
From: Crownhaven
Topic: 12080 Message: 12086

Chuck, you hit the nail on the head with your observation. I don't
think you can do this with the TS-590 unless I'm missing something.

Steve, N4JQQ

On 4/14/2013 10:54 PM, Chuck Goelz wrote:
>
> OK, I usually lurk in the background and listen... But this topic
> struck a chord, and I can't resist responding. There is a feature in
> this vintage of Kenwood radios that I have never heard of anyone other
> than me exploiting...
>
> I am mostly a techie, more interested in making my shack do what I want
> it to do than actually operating and getting awards and such. But I do
> like to engage in DXing, and track my progress even if I don't actually
> apply for the awards. I use some nice software (www.dxlabsuite.com) to
> track my progress and to provide spot listings that will activate QSY
> and mode settings to chase DX easily.
>
> Well, after my TS-440, I got a TS-450SAT, and then developed an
> operating technique for split operations that I've never heard used by
> anyone else. On a relatively recent visit to HRO, I played with a
> number of modern rigs, and asked the sales professionals for help trying
> to do this... Not one radio that they currently sell would do this
> (well the Yeasu's theoretically could do it, but no one knew how to do
> it).
>
> OK, so I get a spot for needed DX operating split. I double click on it
> and my trusty TS-450 QSYs both VFOs, sets mode and split and I'm good to
> go. I hear the DX (mode is arbitrary -- in this case CW), and validate
> his callsign, but conditions warrant the 500 Hz filter. I hit & hold
> the T-F button to listen to his RX frequency (QSX). The stations
> calling him are all over the place, and I can hear them because VFO B
> has the 2.7 KHz filter enabled. Cool!!! Now, with one finger holding
> the T-F button in I can tune a calling station with my thumb. Letting
> go of the T-F button, I can listen for the DX to send "xxx 599", then
> hit T-F to listen for a note that is sending "599 TU" and use my thumb
> to tune him in and be ready to send my callsign at the next opportunity...
>
> Believe it not, a TS-2000 CANNOT select different filters for the VFOs.
> I would be surprised if the 590 or 990 would do it (anyone here know for
> sure?). This, to me, is a step in the wrong direction. So it has made
> me a believer in the capabilities of the TS-450/850 series! I have a
> friend who has a bazillion dollar station, a REAL DXer, who watched me

> work a "new one" one day. He was impressed (he was also with me on the
> HRO visit). He called it my "poor man's band-scope" (with admiration).
>
> Does anyone here know of any other radios that will assign different
> filters based on VFO selection in such a useful way?
>
> (Still remember my DX-100B & NC-155, and the step forward to the Swan
> 350!!! And several other RX/TX combinations of the era. I remember them
> fondly, but I really don't want to go back!!)
>
> Cheers es 73,
> Chuck, WA3CEJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12087. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 02:27:17 UTC
From: Dave Rust
Topic: 12069 Message: 12087

I have heard from hams worrying about the age of the 450s radios, and the availabilty of parts. I notice lots of parts/boards on Ebay. I had to replace a digital board on mine, and the chips are no longer available. It might behoove those of us that want to keep these radios alive buy some spare boards along.

I would sure hate to see mine die.

[Non-text portions of this message have been removed]

12088. Re: TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 04:59:06 UTC
From: Saundby
Topic: 12080 Message: 12088

Wow, I'm learning more from this thread than from several readings of the manual.

These tricks need to be collected into something in the files section.

My 450 looks a little more shiny after reading these tricks!

-Mark, W8BIT

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Chuck, you hit the nail on the head with your observation. I don't
> think you can do this with the TS-590 unless I'm missing something.
>
> Steve, N4JQQ
>
>
> On 4/14/2013 10:54 PM, Chuck Goelz wrote:
> >
> > OK, I usually lurk in the background and listen... But this topic
> > struck a chord, and I can't resist responding. There is a feature in
> > this vintage of Kenwood radios that I have never heard of anyone other
> > than me exploiting...
> >
> > I am mostly a techie, more interested in making my shack do what I want
> > it to do than actually operating and getting awards and such. But I do
> > like to engage in DXing, and track my progress even if I don't actually
> > apply for the awards. I use some nice software (www.dxlabsuite.com) to
> > track my progress and to provide spot listings that will activate QSY
> > and mode settings to chase DX easily.
> >
> > Well, after my TS-440, I got a TS-450SAT, and then developed an
> > operating technique for split operations that I've never heard used by
> > anyone else. On a relatively recent visit to HRO, I played with a
> > number of modern rigs, and asked the sales professionals for help trying
> > to do this... Not one radio that they currently sell would do this
> > (well the Yeasu's theoretically could do it, but no one knew how to do
> > it).
> >
> > OK, so I get a spot for needed DX operating split. I double click on it
> > and my trusty TS-450 QSYs both VFOs, sets mode and split and I'm good to
> > go. I hear the DX (mode is arbitrary -- in this case CW), and validate
> > his callsign, but conditions warrant the 500 Hz filter. I hit & hold
> > the T-F button to listen to his RX frequency (QSX). The stations
> > calling him are all over the place, and I can hear them because VFO B
> > has the 2.7 KHz filter enabled. Cool!!! Now, with one finger holding
> > the T-F button in I can tune a calling station with my thumb. Letting

> > go of the T-F button, I can listen for the DX to send "xxx 599", then
> > hit T-F to listen for a note that is sending "599 TU" and use my thumb
> > to tune him in and be ready to send my callsign at the next opportunity...
> >
> > Believe it not, a TS-2000 CANNOT select different filters for the VFOs.
> > I would be surprised if the 590 or 990 would do it (anyone here know for
> > sure?). This, to me, is a step in the wrong direction. So it has made
> > me a believer in the capabilities of the TS-450/850 series! I have a
> > friend who has a bazillion dollar station, a REAL DXer, who watched me
> > work a "new one" one day. He was impressed (he was also with me on the
> > HRO visit). He called it my "poor man's band-scope" (with admiration).
> >
> > Does anyone here know of any other radios that will assign different
> > filters based on VFO selection in such a useful way?
> >
> > (Still remember my DX-100B & NC-155, and the step forward to the Swan
> > 350!!! And several other RX/TX combinations of the era. I remember them
> > fondly, but I really don't want to go back!!)
> >
> > Cheers es 73,
> > Chuck, WA3CEJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

12089. Re: [TS-850_450_690] Re: TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 12:38:14 UTC
From: <w8hw@...>
Topic: 12080 Message: 12089

FlexRadio does this also and does it easy

From: Saundby
Sent: Monday, April 15, 2013 12:59 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-450/690's best kept secret (most underutilized feature)

Wow, I'm learning more from this thread than from several readings of the manual.

These tricks need to be collected into something in the files section.

My 450 looks a little more shiny after reading these tricks!

-Mark, W8BIT

--- In mailto:TS-850_450_690%40yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Chuck, you hit the nail on the head with your observation. I don't
> think you can do this with the TS-590 unless I'm missing something.
>
> Steve, N4JQQ
>
>
> On 4/14/2013 10:54 PM, Chuck Goelz wrote:
> >
> > OK, I usually lurk in the background and listen... But this topic
> > struck a chord, and I can't resist responding. There is a feature in
> > this vintage of Kenwood radios that I have never heard of anyone other
> > than me exploiting...
> >
> > I am mostly a techie, more interested in making my shack do what I want
> > it to do than actually operating and getting awards and such. But I do
> > like to engage in DXing, and track my progress even if I don't actually
> > apply for the awards. I use some nice software (www.dxlabsuite.com) to
> > track my progress and to provide spot listings that will activate QSY
> > and mode settings to chase DX easily.
> >
> > Well, after my TS-440, I got a TS-450SAT, and then developed an
> > operating technique for split operations that I've never heard used by
> > anyone else. On a relatively recent visit to HRO, I played with a
> > number of modern rigs, and asked the sales professionals for help trying
> > to do this... Not one radio that they currently sell would do this
> > (well the Yeasu's theoretically could do it, but no one knew how to do
> > it).
> >

> > OK, so I get a spot for needed DX operating split. I double click on it
> > and my trusty TS-450 QSYs both VFOs, sets mode and split and I'm good to
> > go. I hear the DX (mode is arbitrary -- in this case CW), and validate
> > his callsign, but conditions warrant the 500 Hz filter. I hit & hold
> > the T-F button to listen to his RX frequency (QSX). The stations
> > calling him are all over the place, and I can hear them because VFO B
> > has the 2.7 KHz filter enabled. Cool!!! Now, with one finger holding
> > the T-F button in I can tune a calling station with my thumb. Letting
> > go of the T-F button, I can listen for the DX to send "xxx 599", then
> > hit T-F to listen for a note that is sending "599 TU" and use my thumb
> > to tune him in and be ready to send my callsign at the next opportunity...
> >
> > Believe it not, a TS-2000 CANNOT select different filters for the VFOs.
> > I would be surprised if the 590 or 990 would do it (anyone here know for
> > sure?). This, to me, is a step in the wrong direction. So it has made
> > me a believer in the capabilities of the TS-450/850 series! I have a
> > friend who has a bazillion dollar station, a REAL DXer, who watched me
> > work a "new one" one day. He was impressed (he was also with me on the
> > HRO visit). He called it my "poor man's band-scope" (with admiration).
> >
> > Does anyone here know of any other radios that will assign different
> > filters based on VFO selection in such a useful way?
> >
> > (Still remember my DX-100B & NC-155, and the step forward to the Swan
> > 350!!! And several other RX/TX combinations of the era. I remember them
> > fondly, but I really don't want to go back!!)
> >
> > Cheers es 73,
> > Chuck, WA3CEJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

12090. Re: [TS-850_450_690] Re: TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 14:31:42 UTC
From: Dave Rust
Topic: 12080 Message: 12090

FlexRadio does this also and does it easy.....for $500.00??

[Non-text portions of this message have been removed]

12091. Re: [TS-850_450_690] Re: TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-15 17:56:09 UTC
From: Bob Naylor
Topic: 12080 Message: 12091

I do the same thing with my 850, use VFO "B" for TX with wide filters on CW so I can hear where the DX station is listening, and use narrow filters for my listening to the DX station. I would have thought that all newer rigs worked the same way but I guess not. Hello Mark BIT, I didn't know you were on this list. What antenna do you have up now?I missed you guys Friday night.
CU soon. Bob WE6C

--- On Mon, 4/15/13, w8hw@... <w8hw@att.net> wrote:

From: w8hw@... <w8hw@...>
Subject: Re: [TS-850_450_690] Re: TS-450/690's best kept secret (most underutilized feature)
To: TS-850_450_690@yahoogroups.com
Date: Monday, April 15, 2013, 5:38 AM

FlexRadio does this also and does it easy

From: Saundby

Sent: Monday, April 15, 2013 12:59 AM

To: TS-850_450_690@yahoogroups.com

Subject: [TS-850_450_690] Re: TS-450/690's best kept secret (most underutilized feature)

Wow, I'm learning more from this thread than from several readings of the manual.

These tricks need to be collected into something in the files section.

My 450 looks a little more shiny after reading these tricks!

-Mark, W8BIT

--- In mailto:TS-850_450_690%40yahoogroups.com, Crownhaven <crownhaven@...> wrote:

>

> Chuck, you hit the nail on the head with your observation. I don't

> think you can do this with the TS-590 unless I'm missing something.

>

> Steve, N4JQQ

>

>

> On 4/14/2013 10:54 PM, Chuck Goelz wrote:

> >

> > OK, I usually lurk in the background and listen... But this topic

> > struck a chord, and I can't resist responding. There is a feature in

> > this vintage of Kenwood radios that I have never heard of anyone other

> > than me exploiting...

> >

> > I am mostly a techie, more interested in making my shack do what I want

> > it to do than actually operating and getting awards and such. But I do

> > like to engage in DXing, and track my progress even if I don't actually

> > apply for the awards. I use some nice software (www.dxlabsuite.com) to

> > track my progress and to provide spot listings that will activate QSY

> > and mode settings to chase DX easily.

> >

> > Well, after my TS-440, I got a TS-450SAT, and then developed an

> > operating technique for split operations that I've never heard used by

> > anyone else. On a relatively recent visit to HRO, I played with a

> > number of modern rigs, and asked the sales professionals for help trying

> > to do this... Not one radio that they currently sell would do this

> > (well the Yeasu's theoretically could do it, but no one knew how to do

> > it).

> >

> > OK, so I get a spot for needed DX operating split. I double click on it

> > and my trusty TS-450 QSYs both VFOs, sets mode and split and I'm good to

> > go. I hear the DX (mode is arbitrary -- in this case CW), and validate

> > his callsign, but conditions warrant the 500 Hz filter. I hit & hold

> > the T-F button to listen to his RX frequency (QSX). The stations

> > calling him are all over the place, and I can hear them because VFO B

> > has the 2.7 KHz filter enabled. Cool!!! Now, with one finger holding

> > the T-F button in I can tune a calling station with my thumb. Letting
> > go of the T-F button, I can listen for the DX to send "xxx 599", then
> > hit T-F to listen for a note that is sending "599 TU" and use my thumb
> > to tune him in and be ready to send my callsign at the next opportunity...
> >
> > Believe it not, a TS-2000 CANNOT select different filters for the VFOs.
> > I would be surprised if the 590 or 990 would do it (anyone here know for
> > sure?). This, to me, is a step in the wrong direction. So it has made
> > me a believer in the capabilities of the TS-450/850 series! I have a
> > friend who has a bazillion dollar station, a REAL DXer, who watched me
> > work a "new one" one day. He was impressed (he was also with me on the
> > HRO visit). He called it my "poor man's band-scope" (with admiration).
> >
> > Does anyone here know of any other radios that will assign different
> > filters based on VFO selection in such a useful way?
> >
> > (Still remember my DX-100B & NC-155, and the step forward to the Swan
> > 350!!! And several other RX/TX combinations of the era. I remember them
> > fondly, but I really don't want to go back!!)
> >
> > Cheers es 73,
> > Chuck, WA3CEJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12092. Re: [TS-850_450_690] TS-450/690's best kept secret (most underutilized feature)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-16 02:22:37 UTC
From: Tom Osborne
Topic: 12080 Message: 12092

Now, that is some good info.

I've never tried that and I do a lot of DX'ing and working split. Thanks for sharing Chuck.

I still also remember some of those cool rigs from the past - Drake 2B and B&W 5100 with the SSB adaptor was a fun setup. First rig was the 'popsicle stick' tranmitter and S-40B rx.

I still enjoy listening to the AMI group on 75. Need to get an AM setup here. 73
Tom W7WHY

OK, so I get a spot for needed DX operating split. I double click on it and my trusty TS-450 QSYs both VFOs, sets mode and split and I'm good to go. I hear the DX (mode is arbitrary -- in this case CW), and validate his callsign, but conditions warrant the 500 Hz filter. I hit & hold the T-F button to listen to his RX frequency (QSX). The stations calling him are all over the place, and I can hear them because VFO B has the 2.7 KHz filter enabled. Cool!!! Now, with one finger holding the T-F button in I can tune a calling station with my thumb. Letting go of the T-F button, I can listen for the DX to send "xxx 599", then hit T-F to listen for a note that is sending "599 TU" and use my thumb to tune him in and be ready to send my callsign at the next opportunity...

12093. Re: [TS-850_450_690] What was/is your next rig from the TS-450SAT?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-16 02:27:41 UTC
From: Tom Osborne
Topic: 12069 Message: 12093

You're right there.

If you plan on keeping your '450 or '80, when these parts become available, you should grab them. Probably be more valuable than gold :-)

I have some extra parts here for the '450 and not planning on getting rid of them. 73
Tom W7WHY

I have heard from hams worrying about the age of the 450s radios, and the availabilty of parts. I notice lots of parts/boards on Ebay. I had to replace a digital board on mine, and the chips are no longer available. It might behoove those of us that want to keep these radios alive buy some spare boards along.

I would sure hate to see mine die.

12094. Re: filters/ slope tune

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-16 11:32:28 UTC
From: Miro C
Topic: 11786 Message: 12094

Hi,
Slope tune works by changing the frequency of the oscillators second and third IF transition. When you have set ssb mode, regardless of the selected filter, retuning step is 200Hz. For CW, and set 500Hz or 270Hz for IF 8.83 and 500Hz/455k at the same time, step is reduced to 20Hz. Kenwood would allow for narrow filters, fine tuning the slopes of the filters (bandpass). So, when you have used a wide filter 2.1k / 8.83 instead of 270/8,83MHz and 2.1k/455k instead of 500/455k , it is due to too narrow tunable, the effect will be as you described.
At 99% it is not possible to change this step retuning.

Best regards
Miro SP2QOT

--- In TS-850_450_690@yahoogroups.com, "Steve C" <karaokegod73@...> wrote:
>
> I found a post about this issue but can't seem to correct the problem.
>
> I have two Inrad 2.1 filters (one at 8830 and one at 455). The 8830 when selected shows "270", the 455 shows "500". My switches marked #1 and #4 are set to "on", the others are "off".
>
> If I select both these filters, the slope tuning will only work in LSB or USB, not in CW mode. My filters seem to be in the correct places, from what I read in the other post. The switch settings as described in the manual are not clear to me, but I don't understand how they are wrong either. If I put #3 on instead of #4, the "500" lights up on the 8830 side, but I get almost no signals through (no filter there). I believe the filter is in the right place though. Hopefully someone can clear this up. I am supposed to be able to use both of them on CW right?
>
> Here is the other post on this issue:
>
> http://groups.yahoo.com/group/TS-850_450_690/message/10044
>

12095. Wanted: IF Board X48-3090-XX for TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-16 21:21:25 UTC
From: Bob - K2KI
Topic: 12095 Message: 12095

Hi to all and thanks for reading this post.

I have a TS-690S that has a completely butchered IF board (X48-3090-XX). Seems that a cap leeched it's contents onto the board and ate a lot of traces. There are conductive qualities to the board where there are no traces and all efforts to remedy this have failed. It also looks as if the previous owner used a chisel tipped iron to make repairs and caused much damage.

If you have the board or a donor radio for sale, please drop me a note.

Note: an IF board from a TS-450 will be just as suitable!

Side note... The Mic gain pot and knob is missing also. Will need those too.

73...
Bob de k2ki
K2KI (AT) STARC (DOT) ORG

[Non-text portions of this message have been removed]

12096. Re: [TS-850_450_690] Wanted: IF Board X48-3090-XX for TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-16 23:47:39 UTC
From: Dave Rust
Topic: 12095 Message: 12096

Bob, I got a replacement board off Ebay. Hope you can find one, they are out there.
Dave W0DLR 73

[Non-text portions of this message have been removed]

12097. kenwood ts 850 /n3fjp logging software

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-17 00:56:32 UTC
From: mack25000
Topic: 12097 Message: 12097

first let me say i own a ts2000 and i just got my 850 back from kenwood service i only had the rig a few weeks before it died. i haven't used my 2000 since i got the 850 back it is a much nicer radio in my opinion. i am trying to interface my 850 with the n3fjp software to read the frequency from my rig can anyone help me wth this thanks

tom ka3mls

12099. TS450 7.1 to 7.2 Mhz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-21 12:50:32 UTC
From: Dave
Topic: 12099 Message: 12099

Hi All

This question may have been asked before, Id like to extend the TX on my ts450sat on 40m to include 7.1 to 7.2 Mhz. Is it possible to do this without opening up the TX range completely?

Regards

Dave ei4ht / m0giw

12100. Re: TS450 7.1 to 7.2 Mhz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-22 12:38:40 UTC
From: Jim
Topic: 12099 Message: 12100

Dave,
It ought to be since the TS-450S was sold in North America where the frequency allocations are broader for 40m and 80m in particular. I have opened up a TS-850SAT, UK version in this limited way myself. The logical approach is as follows:

1. Contact Kenwood UK Technical Support Department
2. Explain that you would like to convert your much loved Zone 1 [Europe] model to a Zone 2 { USA) model by adjusting the diode pattern to allow operation on 40m in the 7.0 to 7.3 mhz allocation.
3. Point out that with the fully open diode modification you run the risk of operating way out of band on many frequencies.
4. Ask them for the diode settings that you will have to adjust to modify only to a Zone 2, North American model. Then steady your nerves to implement.
5. You need to be aware that the US model also opens up 80m from 3.8 to 4.0 Mhz which may be an issue for you if you like to perch on 3.799 mhz when working transatlantic DX

Good luck to you and good DX
Jim M0YGW

--- In TS-850_450_690@yahoogroups.com, "Dave" <dave4e@...> wrote:
>
> Hi All
>
> This question may have been asked before, Id like to extend the TX on my ts450sat on 40m to include 7.1 to 7.2 Mhz. Is it possible to do this without opening up the TX range completely?
>
> Regards
>
> Dave ei4ht / m0giw
>

12101. TS-850 SAT & Rogerbeep

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-22 13:12:44 UTC
From: IK6AWY
Topic: 12101 Message: 12101

Dear OM, I'm interested install one rogerbeep in my TS-850 SAT.

Please you have any experience in this installation?

I have the scheme of the microphone connection and I have the rogerbeep.
You have experience?

Many Thanks for help to me.

Bye for now.

--
I migliori 73, Scrivi a:
IK6AWY ik6awy@...

12102. TS-850s/at check list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-22 18:07:01 UTC
From: dan_maracineanu
Topic: 12102 Message: 12102

Hi,

I'm very new to this hobby, I have an IC-751a but due to the lack of IF output I've decided to buy another transceiver. Based on my research it seems TS-850s/at is a very good choice. I would like to use it with LP-PAN adapter and PowerSDR/IF software.
I understand there are also some issues with TS-850s, caps, battery leaking, some serial numbers lot with more problems than others.
What do you advise me to check when I will buy a TS-850s ?

Thank you for any suggestions !

Dan

12103. Re: TS-850s/at check list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-23 12:30:12 UTC
From: John tf
Topic: 12102 Message: 12103

Here's a couple of my bookmarks ,

http://usuaris.tinet.cat/vxjf/TS850.htm
http://jvgavila.com/wb7.htm
http://www.cqham.ru/ts850repair.htm
http://www.radiomods.co.nz/kenwood/kenwoodts850.html
You double check some details , on one of the links the battery holder
part # did not match , but lots of good info .

John
KD0CAC
73

[Non-text portions of this message have been removed]

12104. Re: [TS-850_450_690] Re: TS-850s/at check list

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-23 15:00:31 UTC
From: DanM
Topic: 12102 Message: 12104

John,

these are some very interesting links.
Thank you very much !

73, Dan YO3IRM

On Tue, Apr 23, 2013 at 3:30 PM, John tf <john.faughn@...> wrote:

> **
>
>
> Here's a couple of my bookmarks ,
>
> http://usuaris.tinet.cat/vxjf/TS850.htm
> http://jvgavila.com/wb7.htm
> http://www.cqham.ru/ts850repair.htm
> http://www.radiomods.co.nz/kenwood/kenwoodts850.html
> You double check some details , on one of the links the battery holder
> part # did not match , but lots of good info .
>
> John
> KD0CAC
> 73
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

12105. Rotary Encoder Replacement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-24 03:37:21 UTC
From: Tom Waraksa
Topic: 12105 Message: 12105

Any guidance on diassembly of the TS450 for replacing the rotary encoder switch. Thanks.

Tom AF8P
Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

12106. Wiring diagram for kenwood ts690s cable connector to ameritron al 811a????

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-26 22:46:19 UTC
From: Cap.
Topic: 12106 Message: 12106

any one have a diagram for the 7 pin kenwood connector to the ameritron al 811? key amp and acl. thanks for looking.

12107. Re: TS450 7.1 to 7.2 Mhz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-27 10:10:25 UTC
From: Dave
Topic: 12099 Message: 12107

Thanks Jim

Ill drop them a note and post it here or add as a file if i get a reply. This is my second TS450, I bought one for my Dad who has it at his summer qth in France, His radio is configured to TX as zone 2 USA model, i could open that one up and look at the diodes but its a bit far away!!

Thanks again.

Dave

--- In TS-850_450_690@yahoogroups.com, "Jim" <jamestnewton@...> wrote:
>
> Dave,
> It ought to be since the TS-450S was sold in North America where the frequency allocations are broader for 40m and 80m in particular. I have opened up a TS-850SAT, UK version in this limited way myself. The logical approach is as follows:
>
> 1. Contact Kenwood UK Technical Support Department
> 2. Explain that you would like to convert your much loved Zone 1 [Europe] model to a Zone 2 { USA) model by adjusting the diode pattern to allow operation on 40m in the 7.0 to 7.3 mhz allocation.
> 3. Point out that with the fully open diode modification you run the risk of operating way out of band on many frequencies.
> 4. Ask them for the diode settings that you will have to adjust to modify only to a Zone 2, North American model. Then steady your nerves to implement.
> 5. You need to be aware that the US model also opens up 80m from 3.8 to 4.0 Mhz which may be an issue for you if you like to perch on 3.799 mhz when working transatlantic DX
>
> Good luck to you and good DX
> Jim M0YGW
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <dave4e@> wrote:
> >
> > Hi All
> >
> > This question may have been asked before, Id like to extend the TX on my ts450sat on 40m to include 7.1 to 7.2 Mhz. Is it possible to do this without opening up the TX range completely?
> >
> > Regards
> >
> > Dave ei4ht / m0giw
> >
>

12108. [TS-850_450_690] Re: TS450 7.1 to 7.2 Mhz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-27 19:32:33 UTC
From: N6EV - Paul Carreiro
Topic: 12099 Message: 12108

Dave,
You shouldn't need to contact Kenwood UK. The information is in the Service manual. I checked the files section for this Yahoo group and didn't see it (surprisingly). Perhaps due to its file size. So I just uploaded it to my website:
http://www.N6EV.com/files/TS-450S_690S_Service_Manual.pdf

First, the table at the top of page 4 for defines the destination codes. North America is "K", Europe is "E".

Next, go to page 141, the schematic for the Digital Unit. Look in the lower left corner for a small table showing the diode configuration for each destination. Compare the K with the E column should show you the two diode difference between the two zones.

Use the parts layout shown on page 140 to locate the two diodes.

Hope this helps.
73 Paul N6EV

At 03:10 AM 4/27/2013, Dave wrote:
>Thanks Jim
>Ill drop them a note and post it here or add as a file if i get a
>reply. This is my second TS450, I bought one for my Dad who has it
>at his summer qth in France, His radio is configured to TX as zone 2
>USA model, i could open that one up and look at the diodes but its a
>bit far away!!

12109. Looking for a TS850s Digital Unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-28 17:42:46 UTC
From: chris
Topic: 12109 Message: 12109

Hello all, I have a TS850s that I'm pretty sure is in need of a digital unit part number X46-308 11 A4. Anyone have one or know of one please let me know! Thanks and 73's Chris KC0QMB

12110. Re: TS450 7.1 to 7.2 Mhz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-30 10:59:05 UTC
From: Dave
Topic: 12099 Message: 12110

Here we have a reply from the nice people at Kenwood UK.

"If you don't want to carry out the General Coverage TX mod then the next best would in theory be one that makes it a "General Market" (or "M2") version.
This expands TX to 1.800 ☐ 1.999, 3.500-3.999, 7.000-7.299 and 24.890-24.999MHz. All other bands' TX limits remain as is.
The USA mod has much wider TX limits including MARS coverage so not so suitable.
The M2 mod involves removing diodes D20, D21 and D23 plus adding back in D22 (all the same value)."

Dave ei4ht/m0giw

--- In TS-850_450_690@yahoogroups.com, "Jim" <jamestnewton@...> wrote:
>
> Dave,
> It ought to be since the TS-450S was sold in North America where the frequency allocations are broader for 40m and 80m in particular. I have opened up a TS-850SAT, UK version in this limited way myself. The logical approach is as follows:
>
> 1. Contact Kenwood UK Technical Support Department
> 2. Explain that you would like to convert your much loved Zone 1 [Europe] model to a Zone 2 { USA) model by adjusting the diode pattern to allow operation on 40m in the 7.0 to 7.3 mhz allocation.
> 3. Point out that with the fully open diode modification you run the risk of operating way out of band on many frequencies.
> 4. Ask them for the diode settings that you will have to adjust to modify only to a Zone 2, North American model. Then steady your nerves to implement.
> 5. You need to be aware that the US model also opens up 80m from 3.8 to 4.0 Mhz which may be an issue for you if you like to perch on 3.799 mhz when working transatlantic DX
>
> Good luck to you and good DX
> Jim M0YGW
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave" <dave4e@> wrote:
> >
> > Hi All
> >
> > This question may have been asked before, Id like to extend the TX on my ts450sat on 40m to include 7.1 to 7.2 Mhz. Is it possible to do this without opening up the TX range completely?
> >
> > Regards
> >
> > Dave ei4ht / m0giw
> >

>

12111. Re: TS450 7.1 to 7.2 Mhz

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-30 11:25:09 UTC
From: Dave
Topic: 12099 Message: 12111

Thanks Paul

Thats exactly what i was looking for.

Dave

--- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
>
> Dave,
> You shouldn't need to contact Kenwood UK. The information is in the
> Service manual. I checked the files section for this Yahoo group and
> didn't see it (surprisingly). Perhaps due to its file size. So I
> just uploaded it to my website:
> http://www.N6EV.com/files/TS-450S_690S_Service_Manual.pdf
>
> First, the table at the top of page 4 for defines the destination
> codes. North America is "K", Europe is "E".
>
> Next, go to page 141, the schematic for the Digital Unit. Look in
> the lower left corner for a small table showing the diode
> configuration for each destination. Compare the K with the E column
> should show you the two diode difference between the two zones.
>
> Use the parts layout shown on page 140 to locate the two diodes.
>
> Hope this helps.
> 73 Paul N6EV
>
>
> At 03:10 AM 4/27/2013, Dave wrote:
> >Thanks Jim
> >Ill drop them a note and post it here or add as a file if i get a
> >reply. This is my second TS450, I bought one for my Dad who has it
> >at his summer qth in France, His radio is configured to TX as zone 2
> >USA model, i could open that one up and look at the diodes but its a
> >bit far away!!
>

12112. TS-850 wanted to buy in non working order

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-04-30 11:48:38 UTC
From: spincom
Topic: 12112 Message: 12112

Good Day guys!
I was expecting that I can buy ts-850 from my friend here in Australia but finally he said No!
So I am looking for TS-850 for not big price! it can be in non-working order.... I hope that some one here can propose one for me!?
my e-mail: spincom at yahoo dot com
Thank you
Vitaliy

12113. Re: TS-850 wanted to buy in non working order

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-01 01:58:43 UTC
From: avvidclif
Topic: 12112 Message: 12113

All I can say is good luck. If you find a non-working one make sure it's not the DDS IC's, they can't be replaced.

Clif

--- In TS-850_450_690@yahoogroups.com, "spincom" <spincom@...> wrote:
>
> Good Day guys!
> I was expecting that I can buy ts-850 from my friend here in Australia but finally he said No!
> So I am looking for TS-850 for not big price! it can be in non-working order.... I hope that some one here can propose one for me!?
> my e-mail: spincom at yahoo dot com
> Thank you
> Vitaliy
>

12114. ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-04 00:41:10 UTC
From: kd0mke
Topic: 12114 Message: 12114

Has anyone from the group performed the noise-blanker mod? If so were the results worth the effort and were any negative effects noted? I haven't much experience with this type of modification but I am willing to learn if results would be worthwhile. KD0MKE

12115. Kenwood TS850S Monitor

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-05 02:05:17 UTC
From: vk2faja
Topic: 12115 Message: 12115

Hi i have got a TS850S/AT works grate but the monitor is never clear don't matter what mode i use on Phone can someone help me

Thanks n 73
Adam VK2FAJA

12116. Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-09 22:59:37 UTC
From: nm9p
Topic: 12114 Message: 12116

There are two versions of the mod out.
One removed the chip capacitors,
the other is a simple cutting of the traces that connect the capacitors.

I chose the simple circuit trace(s) cut (2 small cuts) because the could be easily bridged with solder if I messed up. Be sure to double check and triple check your cuts before using the eXacto knife.

The results.... It made the NB actually WORK!
A virtually useless noise blanker now can take S9+10db power line static and make it possible to copy a station that was previously buried!

The NB level controls have some effect, but they are not too touchy. The NB2 width doesn't do much, but the NB2 was really only designed to counter the infamous "Russian woodpecker" over-the-horizon radar that plagued the HF bands in the 80's and 90's until the demise of the Soviet Union.

The original 850 NB was an "improvement" over the pretty effective one in the 820 and 830. But it was dismal in my book. The capacitors rounded off the noise pulses so badly that they didn't trigger the RF blanking switch.

This is one of only two mods that I have done on my TS850SAT. The other being the simple "diode cut" that allowed me access to the new 60 meter band when it was opened many years ago.

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "kd0mke" <kd0mke@...> wrote:
>
> Has anyone from the group performed the noise-blanker mod? If so were the results worth the effort and were any negative effects noted? I haven't much experience with this type of modification but I am willing to learn if results would be worthwhile. KD0MKE
>

12117. Re: [TS-850_450_690] Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 01:49:27 UTC
From: Zack Widup
Topic: 12114 Message: 12117

I haven't done the noise blanker mod but plan on doing that some time soon. I did the mod to open up the transmit for all the shortwave spectrum so I could transmit on 60 meters. I also did the mod to bypass the BC band filters. I have not had any problems with intermod from AM broadcast stations since doing that, and I live 5 miles from an AM transmitter.

73, Zack W9SZ

On Thu, May 9, 2013 at 5:59 PM, nm9p <nm9p@...> wrote:

> **
>
>
> There are two versions of the mod out.
> One removed the chip capacitors,
> the other is a simple cutting of the traces that connect the capacitors.
>
> I chose the simple circuit trace(s) cut (2 small cuts) because the could
> be easily bridged with solder if I messed up. Be sure to double check and
> triple check your cuts before using the eXacto knife.
>
> The results.... It made the NB actually WORK!
> A virtually useless noise blanker now can take S9+10db power line static
> and make it possible to copy a station that was previously buried!
>
> The NB level controls have some effect, but they are not too touchy. The
> NB2 width doesn't do much, but the NB2 was really only designed to counter
> the infamous "Russian woodpecker" over-the-horizon radar that plagued the
> HF bands in the 80's and 90's until the demise of the Soviet Union.
>
> The original 850 NB was an "improvement" over the pretty effective one in
> the 820 and 830. But it was dismal in my book. The capacitors rounded off
> the noise pulses so badly that they didn't trigger the RF blanking switch.
>
> This is one of only two mods that I have done on my TS850SAT. The other
> being the simple "diode cut" that allowed me access to the new 60 meter
> band when it was opened many years ago.
>
> Ken - NM9P
>
>
> --- In TS-850_450_690@yahoogroups.com, "kd0mke" <kd0mke@...> wrote:
> >
> > Has anyone from the group performed the noise-blanker mod? If so were
> the results worth the effort and were any negative effects noted? I haven't

> much experience with this type of modification but I am willing to learn if
> results would be worthwhile. KD0MKE
> >
>
>
>

[Non-text portions of this message have been removed]

12118. Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 11:59:52 UTC
From: John tf
Topic: 12114 Message: 12118

Ken or the group ,
The mention of the mod for 60m as a cut ?
What I've read before was moving a diode , at least that's what I remember ?

John
KD0CAC

[Non-text portions of this message have been removed]

12119. Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 12:46:57 UTC
From: nm9p
Topic: 12114 Message: 12119

On the 850, All I had to do was cut the diode. It has been 15 years or so, so I don't remember which one. It required removing the front panel and dropping it down. I suppose someone good with a very long, thin snipper could get behind the panel and clip it without removing the panel. But my fat fingers wouldn't go there.

There are several lists of mods on various websites. Just Google TS-850 mods and read carefully.

I have done the 60 meter mod and the NB mod. I wanted to bypass the BC band attenuator but didn't want to open things up again to that extent. I also came up with my own mod for a second CW keying input for computer keying... I traced the proper place down to a diode junction, etc. but I never got around to it.

Ken - NM9P.

--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>
> Ken or the group ,
> The mention of the mod for 60m as a cut ?
> What I've read before was moving a diode , at least that's what I remember ?
>
> John
> KD0CAC
>
>
> [Non-text portions of this message have been removed]
>

12120. Re: [TS-850_450_690] Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 13:01:35 UTC
From: Zack Widup
Topic: 12114 Message: 12120

You can either remove the diode or cut the trace to it. I remember it as a glass surface-mount diode. There is a third option, which is to smash the diode with a pair of side-cutters. A lot of people are not comfortable doing surface-mount work. That's about all I do these days so I had no problem removing the diode (a common 1N4148 type).

73, Zack W9SZ

On 5/10/13, John tf <john.faughn@...> wrote:
> Ken or the group ,
> The mention of the mod for 60m as a cut ?
> What I've read before was moving a diode , at least that's what I remember
> ?
>
> John
> KD0CAC
>
>
> [Non-text portions of this message have been removed]
>
>

12121. Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 13:11:29 UTC
From: nm9p
Topic: 12114 Message: 12121

Here is a page with lots of great links for the 850...

http://www.dxzone.com/catalog/Radio_Equipment/HF_Transceivers/Kenwood_TS-850/

And here is are some links to mods...

http://www.kb2ljj.com/data/kenwood/ts-850.htm#2750

Read carefully..."Measure twice, cut once!"

Have fun. The 850 is a great rig, even after 20 years.
I regret that I will need to sell mine when my FLEX-6500 arrives.

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> On the 850, All I had to do was cut the diode. It has been 15 years or so, so I don't remember which one. It required removing the front panel and dropping it down. I suppose someone good with a very long, thin snipper could get behind the panel and clip it without removing the panel. But my fat fingers wouldn't go there.
>
> There are several lists of mods on various websites. Just Google TS-850 mods and read carefully.
>
> I have done the 60 meter mod and the NB mod. I wanted to bypass the BC band attenuator but didn't want to open things up again to that extent. I also came up with my own mod for a second CW keying input for computer keying... I traced the proper place down to a diode junction, etc. but I never got around to it.
>
> Ken - NM9P.
>
> --- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@> wrote:
> >
> > Ken or the group ,
> > The mention of the mod for 60m as a cut ?
> > What I've read before was moving a diode , at least that's what I remember ?
> >
> > John
> > KD0CAC
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

12122. Re: [TS-850_450_690] Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 13:19:14 UTC
From: Paul Manuel
Topic: 12114 Message: 12122

Mine only required a snip and I was on 60 meters.

Sent from my MOTOROLA ATRIX™ HD on AT&T

nm9p <nm9p@...> wrote:

>On the 850, All I had to do was cut the diode. It has been 15 years or so, so I don't remember which one. It required removing the front panel and dropping it down. I suppose someone good with a very long, thin snipper could get behind the panel and clip it without removing the panel. But my fat fingers wouldn't go there.
>
>There are several lists of mods on various websites. Just Google TS-850 mods and read carefully.
>
>I have done the 60 meter mod and the NB mod. I wanted to bypass the BC band attenuator but didn't want to open things up again to that extent. I also came up with my own mod for a second CW keying input for computer keying... I traced the proper place down to a diode junction, etc. but I never got around to it.
>
>Ken - NM9P.
>
>--- In TS-850_450_690@yahoogroups.com, John tf <john.faughn@...> wrote:
>>
>> Ken or the group ,
>> The mention of the mod for 60m as a cut ?
>> What I've read before was moving a diode , at least that's what I remember ?
>>
>> John
>> KD0CAC
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
>
>------------------------------------
>
>THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>

[Non-text portions of this message have been removed]

12123. Re: [TS-850_450_690] Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 16:48:40 UTC
From: John Parker
Topic: 12114 Message: 12123

I get an huge warning when I go to kb2ijj.com site.

I decided to take a chance and then followed another link where google indicates the following

Safe Browsing
Diagnostic page for www.kb2ljj.com

What is the current listing status for www.kb2ljj.com?
This site is not currently listed as suspicious.

Part of this site was listed for suspicious activity 3 time(s) over the past 90 days.

What happened when Google visited this site?
Of the 295 pages we tested on the site over the past 90 days, 68 page(s) resulted in malicious software being downloaded and installed without user consent. The last time Google visited this site was on 2013-05-05, and the last time suspicious content was found on this site was on 2013-04-10. Malicious software includes 454 exploit(s).

Malicious software is hosted on 3 domain(s), including dayonebusinessservices.com/, onestepbuildingsystem.com/, diyhomeimprovementtips.com/.

This site was hosted on 2 network(s) including AS24940 (HETZNER), AS26496 (26496).

Has this site acted as an intermediary resulting in further distribution of malware?
Over the past 90 days, www.kb2ljj.com appeared to function as an intermediary for the infection of 3 site(s) including yahoo.co.jp/, tinyurl.com/, fix.gs/.

Has this site hosted malware?
Yes, this site has hosted malicious software over the past 90 days. It infected 6 domain(s), including info.com/, yahoo.co.jp/, search.com.vn/.

Next steps:
Return to the previous page.
If you are the owner of this web site, you can request a review of your site using Google Webmaster Tools. More information about the review process is available in Google's Webmaster Help Center.

John WH6DQU

On 5/10/13 3:11 AM, "nm9p" <nm9p@...> wrote:

>
>
>
>
>
> Here is a page with lots of great links for the 850...
>
> http://www.dxzone.com/catalog/Radio_Equipment/HF_Transceivers/Kenwood_TS-850/
>
> And here is are some links to mods...
>
> http://www.kb2ljj.com/data/kenwood/ts-850.htm#2750
>
> Read carefully..."Measure twice, cut once!"
>
> Have fun. The 850 is a great rig, even after 20 years.
> I regret that I will need to sell mine when my FLEX-6500 arrives.
>
> Ken - NM9P
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "nm9p" <nm9p@...> wrote:
>> >
>> > On the 850, All I had to do was cut the diode. It has been 15 years or so,
>> so I don't remember which one. It required removing the front panel and
>> dropping it down. I suppose someone good with a very long, thin snipper
>> could get behind the panel and clip it without removing the panel. But my
>> fat fingers wouldn't go there.
>> >
>> > There are several lists of mods on various websites. Just Google TS-850
>> mods and read carefully.
>> >
>> > I have done the 60 meter mod and the NB mod. I wanted to bypass the BC
>> band attenuator but didn't want to open things up again to that extent. I
>> also came up with my own mod for a second CW keying input for computer
>> keying... I traced the proper place down to a diode junction, etc. but I
>> never got around to it.
>> >
>> > Ken - NM9P.
>> >
>> > --- In TS-850_450_690@yahoogroups.com
>> <mailto:TS-850_450_690%40yahoogroups.com> , John tf <john.faughn@> wrote:
>>> > >
>>> > > Ken or the group ,
>>> > > The mention of the mod for 60m as a cut ?
>>> > > What I've read before was moving a diode , at least that's what I
>>> remember ?
>>> > >
>>> > > John
>>> > > KD0CAC
>>> > >

>>> > >
>>> > > [Non-text portions of this message have been removed]
>>> > >
>> >
>
>
>
>
>

[Non-text portions of this message have been removed]

12124. Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 16:26:53 UTC
From: W3LZK
Topic: 990 Message: 12124

This is very late, I should have done this a month ago, but due to my being sick was unable to do so. With that let me introduce myself to the group. My name is Mark Timblin AI4HO, I live in Vero Beach, Fl. and am the proud owner of a really, really nice TS-450S and the companion MC-60 desk mic.

I have owned this rig, maybe 2 months now, and haven't had a lot of air time with this neat little rig. What air time I have had and the little bit I've used it, I am duly impressed with the TS-450S, it isn't in the same league as my 756 ProIII, but it is still an impressive little rig. I recently was able to find on EBay or Amazon the CAT control cable for the TS-450/690 rigs, and have already downloaded an am using HRD ver 5. point what ever don't know or remember off hand. This, has opened up another aspect that is quite helpful, the fine tuning, now I can see exactly what frequency I'm on and if some is on 21.252.4, then I can tune to 21.252.4 and not be off frequency.

I do apologize for not introducing myself earlier, however I am kind of a slave to this monster pain disease that I have been fighting for over 20 years. I will attempt to stay current and partake in any conversations pertaining to the TS-450S as long as I can contribute something positive, or meaningful I will, but for now my knowledge of this nice, nifty little rig other than basic knowledge is nil. However over the next weeks and months hope to remedy that. Thank you very much for allowing me the opportunity to join your fine group here.

73 de Mark
AI4HO

12125. Re: [TS-850_450_690] Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-10 20:39:30 UTC
From: WB4CIW@...
Topic: 12114 Message: 12125

Hi All,
When I modified mine, I snipped a diode out and that gave me the "DC to Light" coverage that
I needed for the NAVMARCORMARS frequencies, including the new 60M coverage.

Frank
wb4ciw

In a message dated 5/10/2013 5:59:56 A.M. Mountain Daylight Time, john.faughn@... writes:

Ken or the group ,
The mention of the mod for 60m as a cut ?
What I've read before was moving a diode , at least that's what I remember ?

John
KD0CAC

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

12126. Re: [TS-850_450_690] Introduction

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-11 02:48:55 UTC
From: Dave Rust
Topic: 990 Message: 12126

Nice to hear from you Mark, welcome to the group. There are a lot of people on here that I find very knowledgable with the 450s and radio in general.

Hope you enjoy the radio, I have had one about 3 or 4 months, and brought it back from the dead. Enjoy!! and 73, Dave W0DLR in SW Missouri

[Non-text portions of this message have been removed]

12127. TS-850s SN 6xxx.... issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-12 20:23:37 UTC
From: dan_maracineanu
Topic: 12127 Message: 12127

Hi,

for a TS-850s with 611.... serial number do I have to worry about caps, battery leaking or CAR - DDS board faults ?

Thanks

12128. Re: TS-850s SN 6xxx.... issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-12 21:12:29 UTC
From: avvidclif
Topic: 12127 Message: 12128

Yes, yes, and maybe. The maybe is because someone may have swapped the Car unit with an earlier one.

Clif

--- In TS-850_450_690@yahoogroups.com, "dan_maracineanu" <dan.maracineanu@...> wrote:
>
> Hi,
>
> for a TS-850s with 611.... serial number do I have to worry about caps, battery leaking or CAR - DDS board faults ?
>
> Thanks
>

12129. Re: [TS-850_450_690] Re: TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-12 23:24:51 UTC
From: Dave Rust
Topic: 12129 Message: 12129

I usually leave my 450sat turned on 24/7. A few days ago a thunderstorm rolled in and I unhooked everything for a day or so. When I turned it back on the audio was slow in coming back on. The Smeter appeared to be full scale. I could turn the RF gain from full left to full right and it would come up momentarily, after a minute or so it was all right.

Is this something to be alarmed about or is a train wreck just down the road?

Dave W0DLR

[Non-text portions of this message have been removed]

12130. Re: [TS-850_450_690] Re: TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-13 08:16:03 UTC
From: gladius650@btinternet.com
Topic: 12129 Message: 12130

Sounds like the AGC transistor, had the same problem with my Ts 850s
Kev.

Sent from my Sony Xperia S on O2

Dave Rust <dlrust@...> wrote:

>I usually leave my 450sat turned on 24/7. A few days ago a thunderstorm rolled in and I unhooked everything for a day or so. When I turned it back on the audio was slow in coming back on. The Smeter appeared to be full scale. I could turn the RF gain from full left to full right and it would come up momentarily, after a minute or so it was all right.
>
>Is this something to be alarmed about or is a train wreck just down the road?
>
>Dave W0DLR
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

12131. Re: TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-13 15:43:49 UTC
From: ah6rr1
Topic: 12129 Message: 12131

Sounds like C18 on the RF board is leaking it guts over the board time to remove it and do a major clean up of the board and put in a new C18.
I just did one last week on a 450 I picked up.

--- In TS-850_450_690@yahoogroups.com, "Dave Rust" <dlrust@...> wrote:
>
> I usually leave my 450sat turned on 24/7. A few days ago a thunderstorm rolled in and I unhooked everything for a day or so. When I turned it back on the audio was slow in coming back on. The Smeter appeared to be full scale. I could turn the RF gain from full left to full right and it would come up momentarily, after a minute or so it was all right.
>
> Is this something to be alarmed about or is a train wreck just down the road?
>
> Dave W0DLR
>
> [Non-text portions of this message have been removed]
>

12132. Re: [TS-850_450_690] Re: TS-850 knob removal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-13 15:57:44 UTC
From: John Parker
Topic: 12129 Message: 12132

I bought an 850 some time ago and didn't like the case and faceplate! It is amazing what some people can do to these!

Anyway,,i now have newer top and bottom casings and a better looking faceplate!

The question is how to remove all the knobs, etc! Would appreciate some feeback on how to proceed! Any special tools,,screwdrivers, etc!

I also need to install the SO-2

73,

John WH6DQU

Sent from my iPhone

>
> Reply via web post Reply to sender Reply to group Start a New Topic
>

[Non-text portions of this message have been removed]

12133. ts 850 fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-14 12:17:23 UTC
From: elliot_mick
Topic: 12133 Message: 12133

my ts850 has just recently developed a few faults
1 received audio will intermitently stop and start and after transmitting it takes 1 or 2 seconds to return .
2 and the inbuilt tunner now dosen't work
the radio was in storage for 7 years it has worked fine for the last 2 months
any help would be appreciated
regards mick vk2mik

12134. Re: [TS-850_450_690] ts 850 fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-14 20:07:49 UTC
From: WB4CIW@...
Topic: 12133 Message: 12134

I'd start with the battery, as I under stand it, the life span for one is about 5 years.
Frank

In a message dated 5/14/2013 7:59:32 A.M. Mountain Daylight Time, elliot_mick@... writes:

my ts850 has just recently developed a few faults
1 received audio will intermitently stop and start and after transmitting it takes 1 or 2 seconds to return .
2 and the inbuilt tunner now dosen't work
the radio was in storage for 7 years it has worked fine for the last 2 months
any help would be appreciated
regards mick vk2mik

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

12135. Re: ts 850 fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-18 12:10:38 UTC
From: Mick Elliot
Topic: 12133 Message: 12135

Hi all
Has anyone had a fault with a ts850 AGC
my radio has no audio out put untill the AGC swtich is turned off it rx and tx ok then
any help will be appreciated mick Vk2Mik

[Non-text portions of this message have been removed]

12136. Re: [TS-850_450_690] Re: ts 850 fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-18 22:48:55 UTC
From: ERIK GEDVILAS
Topic: 12133 Message: 12136

HAVE LOOK AT THIS PAGE
http://www.g4ifb.com/html/ts850_mod.html
ONLY JUST REPAIRED MINE. ERIK

--- On Sat, 18/5/13, Mick Elliot <elliot_mick@....au> wrote:

From: Mick Elliot <elliot_mick@...>
Subject: [TS-850_450_690] Re: ts 850 fault
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Date: Saturday, 18 May, 2013, 13:10

Hi all
Has anyone had a fault with a ts850 AGC
my radio has no audio out put untill the AGC swtich is turned off it rx and tx ok then
any help will be appreciated mick Vk2Mik

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12137. ts 850 AGC fault??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-19 05:40:42 UTC
From: elliot_mick
Topic: 12137 Message: 12137

Hi all
Has anyone had a fault with a ts850 AGC
my radio has no audio out put untill the AGC swtich is turned off
it will rx and tx ok then
any help will be appreciated mick Vk2Mik

12138. VOX and Monitor in Kenwood TS-850S - IF board problem during rig refiting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-19 14:30:32 UTC
From: sp9xwd
Topic: 12138 Message: 12138

Hi,

My friends, I am after few years of "break" in my hobby, I am back last months in to the amateur radio activity.

However my old lovely rig TS-850s hasn't work as good as I remembered.
Before I describe the "old" and "new" problems, please, here You have the list of the equipment
TS-850S/AT (serial no. over 60 mil.)
DLP-100
SM-230
MC-43 / MC-60 / MC-90

When I started two months ago my problems were severe:

- the signal processor don't work properly - even on the minimum level the working PROC started the strange noise on my carrier signal (the same problem happen now with the DSP-100)
- the antenna tuner couldn't match even the perfect antenna
- I really don't like to say how "interesting" was modulation...
- the power in the peak (CW) was below 70W ... on SSB ca. 50W

- moreover the battery was OLD ... really old.

I have changed the battery from the COM board... (fortunately, it was corroding, but not leaking)
I also changed all capacitors on the COM board - surprisingly it solved the problem with the antenna tuner (now it work better (faster) than I remember)

I changed the DC-DC small board for the replacement proposed by Lars
OZ1BXM - the signal processor works now properly (but only if I worked in the headphones) ... with speaker the processor still produce the notice on the carrier.

I decided to exchange ALL capacitor in the TS-850 and DSP-100 ...
and I started from the IF board (ca. 50 capacitors)
The result - positive - the power of the rig is now equal 100W (I just exchanged capacitors - I suspected that the power problem was caused by the TWO capacitors 470uF in the corner of the board. My signal is now much better (modulation) ... and more stronger ... - it is information from my correspondents.

However ... I have also the negative results ---

I did some mistake during the exchanging - and now my VOX and Monitor don't work. I checked all capacitors soldering and all connections on the both sides of the board ... and found no source of problem.

Let us assume that it is the problem with the IF board (not with the DDS board - let say it clear - I haven't touch yet DDS (66312) board, and it worked perfectly before I started the work with IF board.

Can somebody to help - how to find the source of the problem? Probably it will be somewhere in the demodulation section on the board? But how I can follow the signal from DDS (CN7) and find the "break" of it?
As I said I have the oscilloscope (SM-230 station) and can arrange other oscilloscope and signal generator... But I really need an "simple" instruction how to proceed it.

Vy 73!
Marcel SP9XWD

12139. Re: TS-850s SN 6xxx.... issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-19 14:43:12 UTC
From: sp9xwd
Topic: 12127 Message: 12139

Hi

I have the similar TS-850 (also SN over 60mil) - If You want I can send You the photo of my old battery ... I exchanged it 2 weeks ago - I think just before th leaking...
Vy 73
Marcel SP9XWD

--- In TS-850_450_690@yahoogroups.com, "dan_maracineanu" <dan.maracineanu@...> wrote:
>
> Hi,
>
> for a TS-850s with 611.... serial number do I have to worry about caps, battery leaking or CAR - DDS board faults ?
>
> Thanks
>

12140. Re: [TS-850_450_690] Re: TS-850s SN 6xxx.... issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-19 21:32:42 UTC
From: John Parker
Topic: 12127 Message: 12140

I would be interested as I need to change mine. Where did you get it, what type, etc

73,

John WH6DQU

parkjv1@...

Sent from my iPhone

On May 19, 2013, at 4:43 AM, "sp9xwd" <sp9xwd@...> wrote:

> Hi
>
> I have the similar TS-850 (also SN over 60mil) - If You want I can send You the photo of my old battery ... I exchanged it 2 weeks ago - I think just before th leaking...
> Vy 73
> Marcel SP9XWD
>
> --- In TS-850_450_690@yahoogroups.com, "dan_maracineanu" <dan.maracineanu@...> wrote:
> >
> > Hi,
> >
> > for a TS-850s with 611.... serial number do I have to worry about caps, battery leaking or CAR - DDS board faults ?
> >
> > Thanks
> >
>
>

[Non-text portions of this message have been removed]

12141. Re: [TS-850_450_690] Re: TS-850s SN 6xxx.... issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-19 22:49:10 UTC
From: Dave Rust
Topic: 12127 Message: 12141

John I got the battery and the battery holder at Radio Shack. I took the battery holder out of the board and wired a couple jumpers and moved the battery to a little slot between the tuner and the rest of the radio. Works just fine, wrapped it in black tape so it didn't touch anything. Now to change it, just slip it out of the holder and put in a new one. There is a mod somewhere on the internet how to do that.
Dave W0DLR

[Non-text portions of this message have been removed]

12142. TS-850, Rigblaster nomic and ACC2 port.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-19 23:34:16 UTC
From: Tom
Topic: 12142 Message: 12142

I am looking for some advice to see if I am correct. I am trying to connect a Rigblaster nomic to the ACC2 port on my TS-850 for HRD DM780. I think I have the pinout correct but I just want to make sure. Pin 11 is the mic audio, pin 12 has the mic audio ground. Pins 3 and 4 cover the audio to the sound card. It's the PTT that I have doubts on. I believe the PTT is pin 13 with the other side going to the shield ground. I am planning to use a serial cable to the nomic so I will not have to use vox. I do see on the nomic pinout that the mic ground and the PTT ground are tied together, so I could tie the PTT ground to the mic ground but I am not sure that is the smartest way to go. Any advice would be greatly appreciated.

Tom, NW0LF

12143. TS-450 and signalink

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-20 00:13:45 UTC
From: John Miller
Topic: 12143 Message: 12143

Hi all, I never had this problem with any other radio but scaled back and kept the TS-450 as my backup. My primary radio is going in the shop so I connect up the trusty old TS-450. I've never done digital with it but now that I want to, for some reason, I get a ton of squeal? with the Signalink hooked up. I'm told it doesn't sound like RF, and I agree but there is a squeal there for sure. Has anyone else had this or have any ideas? I've noticed it on most bands I go on. I know of someone else with the same problem but he doesn't use it near as often as I do so keeps the signalink disconnected. Thanks, 73
John N1UMJ

[Non-text portions of this message have been removed]

12144. Re: [TS-850_450_690] Re: TS-850s SN 6xxx.... issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-20 07:19:27 UTC
From: John Parker
Topic: 12127 Message: 12144

Mahalo Nui Loa Dave!

73,

John WH6DQU

Sent from my iPhone

On May 19, 2013, at 12:49 PM, "Dave Rust" <dlrust@...> wrote:

> John I got the battery and the battery holder at Radio Shack. I took the battery holder out of the board and wired a couple jumpers and moved the battery to a little slot between the tuner and the rest of the radio. Works just fine, wrapped it in black tape so it didn't touch anything. Now to change it, just slip it out of the holder and put in a new one. There is a mod somewhere on the internet how to do that.
> Dave W0DLR
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12145. Re: [TS-850_450_690] TS-450 and signalink

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-20 04:52:19 UTC
From: WB4CIW@...
Topic: 12143 Message: 12145

Is this radio like my 870 and the "monitor" button is pushed in?
Frank
wb4ciw

In a message dated 5/19/2013 6:19:55 P.M. Mountain Daylight Time,
n1umjjohn@... writes:

Hi all, I never had this problem with any other radio but scaled back and
kept the TS-450 as my backup. My primary radio is going in the shop so I
connect up the trusty old TS-450. I've never done digital with it but now
that I want to, for some reason, I get a ton of squeal? with the Signalink
hooked up. I'm told it doesn't sound like RF, and I agree but there is a
squeal there for sure. Has anyone else had this or have any ideas? I've noticed
it on most bands I go on. I know of someone else with the same problem but
he doesn't use it near as often as I do so keeps the signalink
disconnected. Thanks, 73
John N1UMJ

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

12146. Re: TS-450 and signalink

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-20 09:20:40 UTC
From: Eric
Topic: 12143 Message: 12146

I had the same problem. It's RFI. If I turned down the power to 25 watts it was OK. I talked to Tech support for the Signal Link. They told me it was a ground issue. I do not believe the cable from the signal link to the accessory port of the radio is shielded. Where my shack is currently located, I do not have a good RF ground. I use a counterpoise system along the floor. The DC ground is at the ground connection at the wall outlet. Rerouting the cable from the signal link to the radio helped but did not completely solve the problem. I tried using those RF chokes you can get from MFJ or Radio Shack but that also did not help. I quit using the signal link and went back to the Home Brewed interface I built years ago. With that unit, the cable from the interface to the radio is shielded. The only problem is it uses the old style 25 pin serial port and not the USB port, so I have to use the old Windows 98SE computer and not my newer laptop. I would imagine if I had the ideal RF ground for my shack, it would not have been a problem.

--- In TS-850_450_690@yahoogroups.com, "John Miller" <n1umjjohn@...> wrote:
>
> Hi all, I never had this problem with any other radio but scaled back and kept the TS-450 as my backup. My primary radio is going in the shop so I connect up the trusty old TS-450. I've never done digital with it but now that I want to, for some reason, I get a ton of squeal? with the Signalink hooked up. I'm told it doesn't sound like RF, and I agree but there is a squeal there for sure. Has anyone else had this or have any ideas? I've noticed it on most bands I go on. I know of someone else with the same problem but he doesn't use it near as often as I do so keeps the signalink disconnected. Thanks, 73
> John N1UMJ
>
> [Non-text portions of this message have been removed]
>

12147. Re: [TS-850_450_690] TS-450 and signalink

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-20 15:34:34 UTC
From: John Miller
Topic: 12143 Message: 12147

The TS-450 has no monitor button though the sound is very similar from what they tell me.
----- Original Message -----
From: WB4CIW@...
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 20, 2013 12:52 AM
Subject: Re: [TS-850_450_690] TS-450 and signalink

Is this radio like my 870 and the "monitor" button is pushed in?
Frank
wb4ciw

In a message dated 5/19/2013 6:19:55 P.M. Mountain Daylight Time,
n1umjjohn@... writes:

Hi all, I never had this problem with any other radio but scaled back and
kept the TS-450 as my backup. My primary radio is going in the shop so I
connect up the trusty old TS-450. I've never done digital with it but now
that I want to, for some reason, I get a ton of squeal? with the Signalink
hooked up. I'm told it doesn't sound like RF, and I agree but there is a
squeal there for sure. Has anyone else had this or have any ideas? I've noticed
it on most bands I go on. I know of someone else with the same problem but
he doesn't use it near as often as I do so keeps the signalink
disconnected. Thanks, 73
John N1UMJ

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12148. Re: [TS-850_450_690] Re: TS-450 and signalink

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-20 16:21:50 UTC
From: John Miller
Topic: 12143 Message: 12148

That cable is not shielded, it's basically a cat5 cable cut and with a 13 pin DIN plug on one end. I'm in a trailer so basically grounded my station to the metal frame, if that's good enough or not I don't know but it seems to work so far. The main problem is I'm setup in the sun room but out of view from the windows so on an inside wall so could never get a ground rod in under there. Basically being a metal building though like a car that should be a decent ground. The problem does back off a lot when I back the power down so you're most likely right. Oh well, I'll have to try my rigblaster until the primary radio is back, that might work out better and I do have a shielded cable for that.
----- Original Message -----
From: Eric
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 20, 2013 5:20 AM
Subject: [TS-850_450_690] Re: TS-450 and signalink

I had the same problem. It's RFI. If I turned down the power to 25 watts it was OK. I talked to Tech support for the Signal Link. They told me it was a ground issue. I do not believe the cable from the signal link to the accessory port of the radio is shielded. Where my shack is currently located, I do not have a good RF ground. I use a counterpoise system along the floor. The DC ground is at the ground connection at the wall outlet. Rerouting the cable from the signal link to the radio helped but did not completely solve the problem. I tried using those RF chokes you can get from MFJ or Radio Shack but that also did not help. I quit using the signal link and went back to the Home Brewed interface I built years ago. With that unit, the cable from the interface to the radio is shielded. The only problem is it uses the old style 25 pin serial port and not the USB port, so I have to use the old Windows 98SE computer and not my newer laptop. I would imagine if I had the ideal RF ground for my shack, it would not have been a problem.

--- In TS-850_450_690@yahoogroups.com, "John Miller" <n1umjjohn@...> wrote:
>
> Hi all, I never had this problem with any other radio but scaled back and kept the TS-450 as my backup. My primary radio is going in the shop so I connect up the trusty old TS-450. I've never done digital with it but now that I want to, for some reason, I get a ton of squeal? with the Signalink hooked up. I'm told it doesn't sound like RF, and I agree but there is a squeal there for sure. Has anyone else had this or have any ideas? I've noticed it on most bands I go on. I know of someone else with the same problem but he doesn't use it near as often as I do so keeps the signalink disconnected. Thanks, 73
> John N1UMJ
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

12149. Lithium Battery for the TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-21 04:26:29 UTC
From: scott10k
Topic: 12149 Message: 12149

What is the proper lithium battery replacement for the TS-450S and where can I buy/order one?

thanks and 73s,
Scott, N6CIC

12150. Re: Lithium Battery for the TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-21 09:29:23 UTC
From: avvidclif
Topic: 12149 Message: 12150

Allied Electronics PN 70196829
Kenwood Parts PN W09-0514-05

Clif

--- In TS-850_450_690@yahoogroups.com, "scott10k" <scottandalene@...> wrote:
>
> What is the proper lithium battery replacement for the TS-450S and where can I buy/order one?
>
> thanks and 73s,
> Scott, N6CIC
>

12151. Re: Lithium Battery for the TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-21 18:20:12 UTC
From: scott10k
Topic: 12149 Message: 12151

Thanks Clif-I will order ASAP.
Scott, N6CIC

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Allied Electronics PN 70196829
> Kenwood Parts PN W09-0514-05
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "scott10k" <scottandalene@> wrote:
> >
> > What is the proper lithium battery replacement for the TS-450S and where can I buy/order one?
> >
> > thanks and 73s,
> > Scott, N6CIC
> >
>

12152. 450s knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-22 15:16:36 UTC
From: MICHAEL CALKINS
Topic: 12152 Message: 12152

As we all know the TS-450s/690s had problems with protruding knobs at bottom right (for delay, carrier, power, mic) pots. I am in need of one of those knobs and cannot find a source anywhere as they are out of production...Any ideas?
73's Mike W4MCX

[Non-text portions of this message have been removed]

12153. TS 450S Car Unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-25 20:48:54 UTC
From: tonyvanacker
Topic: 12153 Message: 12153

Hello,

I have a problem with my ts-450s
RX no ptoblem but in TX in USB-LSB the freq is not correct, example
i recieve on 14.000 MHz but transmitting on 14.256MHz
In FM-AM no problem
I send my Tranciever to Kenwood but the ont have replaciment parts
The car unit is broke.

but way in fm or am i dont have this problem.
I lookt to the service manual and i mesure everithing looks ok.

sry for my bad english

Grz
Tony
ON3TVA

12154. Re: [TS-850_450_690] TS 450S Car Unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-26 13:12:37 UTC
From: MICHAEL CALKINS
Topic: 12153 Message: 12154

Tony: It sounds like your transciever is in the SPLIT FREQ. mode....check the menu. If you cannot resolve it, reset the processor, as it tells you in the manual....I am looking for the CAR, PWR, MIC, DELAY knobs at the bottom right corner of TS-450s.... 73's Mike

---
From: tonyvanacker <linux210@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sat, May 25, 2013 4:52:07 PM
Subject: [TS-850_450_690] TS 450S Car Unit

Hello,

I have a problem with my ts-450s
RX no ptoblem but in TX in USB-LSB the freq is not correct, example i recieve on 14.000 MHz but transmitting on 14.256MHz
In FM-AM no problem
I send my Tranciever to Kenwood but the ont have replaciment parts
The car unit is broke.

but way in fm or am i dont have this problem.
I lookt to the service manual and i mesure everithing looks ok.

sry for my bad english

Grz
Tony
ON3TVA

[Non-text portions of this message have been removed]

12155. (no subject)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-27 18:22:49 UTC
From: J R
Topic: 12155 Message: 12155

HOPE IM NOT OUT OF LINE HERE .
 BUT IM LOOKING FOR KENWOOD 440 MHZ TK8180 UHF USB CABLE AND DISC TO RE PROGRAM IT I HAD THE CABLE BUT LOSE IT IF ANY ONE OUT THERE CAN HELP THANKS . JR WU8Q

[Non-text portions of this message have been removed]

12156. Tunable memories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-27 22:57:05 UTC
From: Dennis R
Topic: 12156 Message: 12156

A friend has a TS-450 and he can set his memories so he can tune up and down from the set memory frequency. We were trying to find that on my TS 850 but couldn't. Can you set the memories on the 850 so that you can tune from the set frequency? And if so how do you find it in the manual and set it.

Thanks.

12157. Re: Tunable memories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 08:27:07 UTC
From: Eric
Topic: 12156 Message: 12157

The TS-850S/AT can be set up to tune between two frequencies. I use this feature during contests and Field Day, so I will not operate outside my license class and Mode of operation. Memory Channels 90 - 99 are used for this purpose.

Refer to the TS-850S/AT Owner's Manual on page 38, Section C. Programmed Scan Memory Channel. The proceedures are detailed there. Be sure to account for the emmisions bandwidth when programming the upper and lower frequency limits. For example for upper side band, I set the frequencies 300hz ABOVE the lower frequency limit and 3Khz BELOW the upper frequency limit. For lower side band I set the frequencies 3Khz ABOVE the lower frequency limit and 300Hz BELOW the upper frequency limit.

It may take some practice to get it right. When you do get it right, you can go to that memory channel in Memory Mode and using the VFO dial tune within the frequency limits that were set. The VFO will not allow you to tune outside those limits. If you are able to tune outside the limits you thought you programmed, go back and try it again.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Dennis R" <kc9irl@...> wrote:
>
> A friend has a TS-450 and he can set his memories so he can tune up and down from the set memory frequency. We were trying to find that on my TS 850 but couldn't. Can you set the memories on the 850 so that you can tune from the set frequency? And if so how do you find it in the manual and set it.
>
> Thanks.
>

12158. "New" TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 15:58:53 UTC
From: Richard Hanna
Topic: 12158 Message: 12158

I recently obtained a TS850 from a friend. who told me it was a parts rig.

He said that in 2001 he smelled something burning, powered off the rig and sent it to Kenwood. They returned it and told him it was not worth repairing. It has sat on the shelf since. I also got the manual and schematics with it.

Anyway, I powered the radio up this morning, and I hear noise on receive, but no signals. On transmit it is putting out about 75 watts into a dummy load on CW on all bands but 160 when I push the Xmit button, but only about 30 watts on 160 meters.

I do not see anything remarkable inside the radio.

Not being a Kenwood user I wonder...

1. Is the radio restorable or is is truly a "parts rig"? I realize probably not much on the way of parts available

2. Where should I look to start troubleshooting? I have not had any Kenwood equipment before. I do have a modest radio bench, and have done some repair work on older tube radios.

3. If the answer to (1) is its a parts rig, I do have the original carton and would consider selling the radio.

Thanks for any advice or help.

Dick Hanna
K3VYY

[Non-text portions of this message have been removed]

12159. Re: [TS-850_450_690] "New" TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 16:15:38 UTC
From: Dave Rust
Topic: 12158 Message: 12159

Dick, I would try to isolate the problem to one certain board if possible. You can find replacement good working boards from time to time off Ebay. I did that with a defunct 850s and it worked fine from then on. Don't scrap it, try to analyze the problem step by step and function by function. They are a wonderful radio, and with some time you can get it going.
Dave W0DLR

[Non-text portions of this message have been removed]

12160. TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 16:35:26 UTC
From: thomas.kielhorn
Topic: 12160 Message: 12160

Hi all-

need help- looking for a solution to take max. abt 3 watts out from the ts690s for use with a pa. anybody knews abt the power which goes in the 10w driver?

73 de Thomas DF6HT

12161. Re: [TS-850_450_690] Tunable memories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 22:39:22 UTC
From: Bob Naylor
Topic: 12156 Message: 12161

Dennis, I'm at work now so I cannot look it up but it's there. I have my 850 set up that way. It is in one of the menu set up items. Another way until then is go to the memory "channel" then push the 'M-VFO" button, then the freq, mode etc is now in the VFO mode which you can tune normally.I'll try to remember to look it up tonight and send an e-mail unless someone else finds it first.Bob WE6C

--- On Mon, 5/27/13, Dennis R <kc9irl@sbcglobal.net> wrote:

From: Dennis R <kc9irl@...>
Subject: [TS-850_450_690] Tunable memories
To: TS-850_450_690@yahoogroups.com
Date: Monday, May 27, 2013, 3:57 PM

A friend has a TS-450 and he can set his memories so he can tune up and down from the set memory frequency. We were trying to find that on my TS 850 but couldn't. Can you set the memories on the 850 so that you can tune from the set frequency? And if so how do you find it in the manual and set it.

Thanks.

[Non-text portions of this message have been removed]

12162. Re: [TS-850_450_690] "New" TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 23:57:29 UTC
From: Richard Hanna
Topic: 12158 Message: 12162

Dave it looks like the RF board. C125 and everything around it is burned. It looks like components close to the cap are gone (Q12?). Interestingly I was able to get a signal through the receiver but it took a pretty strong one to get through. Not sure what the chip that Q12 feeds does.

Anyway, guess if I want to fix the beast I will need an RF board. Still wonder why Kenwood would say too costly to fix if it would have been change out a board? They were still available it 2001 weren't they?

Dick Hanna

K3VYY

From: Dave Rust <dlrust@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 28, 2013 12:15 PM
Subject: Re: [TS-850_450_690] "New" TS850

Dick, I would try to isolate the problem to one certain board if possible. You can find replacement good working boards from time to time off Ebay. I did that with a defunct 850s and it worked fine from then on. Don't scrap it, try to analyze the problem step by step and function by function. They are a wonderful radio, and with some time you can get it going.
Dave W0DLR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12163. Re: [TS-850_450_690] Re: Tunable memories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 23:58:40 UTC
From: Dennis Reavis
Topic: 12156 Message: 12163

Thanks for the help - I actually found what I was looking for while checking your instructions in the manual.

Thanks.
Dennis R. Reavis
KC9IRL

Will County Amateur Radio Emergency Services
Assistant Emergency Coordinator - Operations

Will County Emergency Management Agency

Corporal/Command Support Specialist - Field Services Division
EOC Operations Team

ARE YOU ARES (Amateur Radio Emergency Services)? If not ask me how you can become part of the group.

From: Eric <n7dlv@yahoo.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, May 28, 2013 7:52:59 AM
Subject: [TS-850_450_690] Re: Tunable memories

The TS-850S/AT can be set up to tune between two frequencies. I use this feature during contests and Field Day, so I will not operate outside my license class and Mode of operation. Memory Channels 90 - 99 are used for this purpose.

Refer to the TS-850S/AT Owner's Manual on page 38, Section C. Programmed Scan Memory Channel. The proceedures are detailed there. Be sure to account for the emmisions bandwidth when programming the upper and lower frequency limits. For example for upper side band, I set the frequencies 300hz ABOVE the lower frequency limit and 3Khz BELOW the upper frequency limit. For lower side band I set the frequencies 3Khz ABOVE the lower frequency limit and 300Hz BELOW the upper frequency limit.

It may take some practice to get it right. When you do get it right, you can go to that memory channel in Memory Mode and using the VFO dial tune within the frequency limits that were set. The VFO will not allow you to tune outside those limits. If you are able to tune outside the limits you thought you programmed, go back and try it again.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Dennis R" <kc9irl@...> wrote:
>
> A friend has a TS-450 and he can set his memories so he can tune up and down
>from the set memory frequency. We were trying to find that on my TS 850 but

>couldn't. Can you set the memories on the 850 so that you can tune from the set
>frequency? And if so how do you find it in the manual and set it.
>
> Thanks.
>

[Non-text portions of this message have been removed]

12164. Re: [TS-850_450_690] Tunable memories

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-28 23:59:38 UTC
From: Dennis Reavis
Topic: 12156 Message: 12164

Thanks Bob - ran across what I was looking for while checking instructions someone had given me.

Again - thanks.
Dennis R. Reavis
KC9IRL

Will County Amateur Radio Emergency Services
Assistant Emergency Coordinator - Operations

Will County Emergency Management Agency

Corporal/Command Support Specialist - Field Services Division
EOC Operations Team

ARE YOU ARES (Amateur Radio Emergency Services)? If not ask me how you can become part of the group.

From: Bob Naylor <wotbob01@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tue, May 28, 2013 5:39:25 PM
Subject: Re: [TS-850_450_690] Tunable memories

Dennis, I'm at work now so I cannot look it up but it's there. I have my 850 set up that way. It is in one of the menu set up items. Another way until then is go to the memory "channel" then push the 'M-VFO" button, then the freq, mode etc is now in the VFO mode which you can tune normally.I'll try to remember to look it up tonight and send an e-mail unless someone else finds it first.Bob WE6C

--- On Mon, 5/27/13, Dennis R <kc9irl@...> wrote:

From: Dennis R <kc9irl@...>
Subject: [TS-850_450_690] Tunable memories
To: TS-850_450_690@yahoogroups.com
Date: Monday, May 27, 2013, 3:57 PM

A friend has a TS-450 and he can set his memories so he can tune up and down from the set memory frequency. We were trying to find that on my TS 850 but couldn't. Can you set the memories on the 850 so that you can tune from the set frequency? And if so how do you find it in the manual and set it.

Thanks.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12165. Re: [TS-850_450_690] "New" TS850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 01:03:16 UTC
From: Dave Rust
Topic: 12158 Message: 12165

Dick, I did a quick search of Ebay and didn't see an RF board on there. Keep watching it and one will show up. Usually boards are in the $100 range give or take.

I doubt that Kenwood has any of those parts in stock, I don't think they intend to support equipment very long, that way you can't fix it and will buy something new. Seems like every model has its shortcomings, my 450s had to have a digital board. Got it off Ebay for about $75 and it works like new again, but it was a known basket case when I got it.

Keep watching Ebay, you'll find a board sooner or later, they are an excellent radio, but like everything else, they will eventually give up.
73
Dave W0DLR

[Non-text portions of this message have been removed]

12166. TS690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 09:45:45 UTC
From: thomas.kielhorn
Topic: 12160 Message: 12166

Hi all-

need help- looking for a solution to take max. abt 3 watts out from the ts690s on 6Meter!
forgotten in the first message sry
for use with a pa. anybody knews abt the power which goes in the 10w driver?

73 de Thomas DF6HT

12167. TS850 Need RF Board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 11:29:51 UTC
From: Richard Hanna
Topic: 12167 Message: 12167

Have found that there is a big burn spot around C125 and Q12 on the rf board so am looking for a new board (X44-3120-00 A/4). Haven't found one yet on EBAY, so wonder if anyone in the group might have one from a parted out radio thay would be willing to part with. If so contact me off the group with details. If I can get this rig working, think I will keep it.

Just for the heck of it, I checked the two kenwood parts dealers, guess what? Discontinued!

Thanks and 73.

Dick, K3VYY

[Non-text portions of this message have been removed]

12168. Re: [TS-850_450_690] TS850 Need RF Board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 13:39:36 UTC
From: Dave Rust
Topic: 12167 Message: 12168

Richard, if you decide at some point in time to part with the radio, I might be interested in it.
Dave W0dLR

[Non-text portions of this message have been removed]

12169. Re: [TS-850_450_690] TS850 Need RF Board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 16:59:09 UTC
From: Tom Osborne
Topic: 12167 Message: 12169

Hi Dick

You might also check qth.com and put a WTB ad there for the board. Lots of people watch that classified list. 73
Tom W7WHY

Have found that there is a big burn spot around C125 and Q12 on the rf board so am looking for a new board (X44-3120-00 A/4). Haven't found one yet on EBAY, so wonder if anyone in the group might have one from a parted out radio thay would be willing to part with. If so contact me off the group with details. If I can get this rig working, think I will keep it.

Just for the heck of it, I checked the two kenwood parts dealers, guess what? Discontinued!

Thanks and 73.

Dick, K3VYY

12170. 850 Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 22:04:11 UTC
From: avvidclif
Topic: 12170 Message: 12170

Anyone parting out a TS850? I need the Slope Tune and AF/RF pots for a shipping damaged radio.

Clif

12171. Re: [TS-850_450_690] 850 Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-29 22:29:14 UTC
From: John tf
Topic: 12170 Message: 12171

Cliff ,
I just saw an add for a parts / fixer-upper this morning , it may have been on this reflector .
OLD-FARTERS , keeps me from remembering for sure where , I thought about getting , but I have 2 I fixed already .
I like these 850s a lot , if I get something else I would hope to be able to keep these , rather than use to get something else .
The Elecraft K3 with all the bells & whistles cost more than both 850s and all the acc. so it will be a while .
Thanks for being there .
John
KD0CAC

On Wed, May 29, 2013 at 5:04 PM, avvidclif <clif@...> wrote:

> **
>
>
> Anyone parting out a TS850? I need the Slope Tune and AF/RF pots for a
> shipping damaged radio.
>
> Clif
>
>
>

[Non-text portions of this message have been removed]

12172. RE: [TS-850_450_690] 850 Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-30 14:38:00 UTC
From: Mike Mustachio
Topic: 12170 Message: 12172

Clif: Don't know how you feel about Ebay, but there is someone there parting out an 850. Here's the Af/RF pots listing.

http://www.ebay.com/itm/KENWOOD-TS-850S-AF-RF-CONTROLS-100-WORKING-/221232921577?pt=US_Ham_Radio_Transceivers
<http://www.ebay.com/itm/KENWOOD-TS-850S-AF-RF-CONTROLS-100-WORKING-/221232921577?pt=US_Ham_Radio_Transceivers&hash=item3382827be9#ht_27wt_1399>
&hash=item3382827be9#ht_27wt_1399

N2TBP Mike

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of avvidclif
Sent: Wednesday, May 29, 2013 6:04 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 850 Parts

Anyone parting out a TS850? I need the Slope Tune and AF/RF pots for a shipping damaged radio.

Clif

[Non-text portions of this message have been removed]

12173. Re: 850 Parts

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-30 19:18:49 UTC
From: avvidclif
Topic: 12170 Message: 12173

Thanks, I saw that but without the slope tune pot it won't help much as I need both for a repair. That 45 deg turn the slope tune makes is not conducive to proper operation.

Clif

--- In TS-850_450_690@yahoogroups.com, "Mike Mustachio" <n2tbp@...> wrote:
>
> Clif: Don't know how you feel about Ebay, but there is someone there parting
> out an 850. Here's the Af/RF pots listing.
>
> http://www.ebay.com/itm/KENWOOD-TS-850S-AF-RF-CONTROLS-100-WORKING-/22123292
> 1577?pt=US_Ham_Radio_Transceivers
> <http://www.ebay.com/itm/KENWOOD-TS-850S-AF-RF-CONTROLS-100-WORKING-/2212329
> 21577?pt=US_Ham_Radio_Transceivers&hash=item3382827be9#ht_27wt_1399>
> &hash=item3382827be9#ht_27wt_1399
>
>
>
> N2TBP Mike
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of avvidclif
> Sent: Wednesday, May 29, 2013 6:04 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] 850 Parts
>
>
>
>
>
> Anyone parting out a TS850? I need the Slope Tune and AF/RF pots for a
> shipping damaged radio.
>
> Clif
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

12174. ripple filter ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-30 22:02:44 UTC
From: villy.madsen
Topic: 12174 Message: 12174

If I remember correctly, C125 & Q12 on the RF board are labelled as a ripple filter.

A peak at the board also shows lots of traces in the vicinity...

As an owner of a 850s (which I hope will last as long as I do), is anyone aware of the failure mechanism here ??. Is there something that us happy 850 owners should be checking ??

Villy VE6SQ

12175. Need: IF Board for TS-690s - X48-3090-xx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-30 22:21:25 UTC
From: Bob - K2KI
Topic: 12175 Message: 12175

Hi to all and thanks for reading this post.

I have a TS-690S that has a completely butchered IF board (X48-3090-XX).
Seems that a cap leeched it's contents onto the board and ate a lot of
traces. There are conductive qualities to the board where there are no
traces and all efforts to remedy this have failed. It also looks as if
the previous owner used a chisel tipped iron to make repairs and caused
much damage.

If you have the board or a donor radio for sale, please drop me a note.

Note: an IF board from a TS-450 will be just as suitable!

Side note... The Mic gain pot and knob is missing also. Will need those too.

73...
Bob de k2ki
K2KI (AT) STARC (DOT) ORG

12176. AD9850 boards

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-05-31 14:47:19 UTC
From: villy.madsen
Topic: 12176 Message: 12176

The cheap AD9850 ($5 ea) synth boards available on eBay sure makes that thought of a CAR replacement attractive.

There is no doubt that it would take a fair bit of work - since the data stream from the on-board processor would have to be decoded and changed to something that the AD9850 understands. This could easily be handled by a modern microcontroller.

It would appear that the most expensive component would be the new PC board. Much of the circuitry on the existing CAR boards can done away with - e.g. the CAR chips could not generate an 8 mhz RF signal directly.

The 450 would be a good testbed, since it only has a couple of CAR chips on it - does anyone have one with a dead CAR board to donate or sell cheap?? If I ever get it working, they can have it back - working.

Villy ve6sq

12177. 850 fault ...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-01 09:31:56 UTC
From: sp9xwd
Topic: 12177 Message: 12177

Hi during my work with VOX on IF board TS-850s I did some stupid mistake
...
(If it will be necessary I describe my mistake it in detail later)

In the results some NEW problems happen - with the voltage in my transeiver - on the IF / RF board it should be stable 8.02 on the line 8A .... now it varied ... and is equal ca. 9.15- 9.6V

Please help me - where I should look for the new source of problem - probably it is already outside the IF board
Regards
Marcel SP9XWD

12178. Re: 850 fault ...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-01 14:22:58 UTC
From: sp9xwd
Topic: 12177 Message: 12178

Hi again

After few test I am sure that the source of this too high voltage is outside the IF
If I disconnectedthe IF / RF wire the problem still happen on the RF board.... (while F is out => 0 V)
therefore I should look for the source of the 8V analog - the wires (CN16 RF) show me the direction for the PA

Marcel SP9XWD

12179. Re: 850 fault ...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-01 16:03:38 UTC
From: sp9xwd
Topic: 12177 Message: 12179

Hi again,

it looks that the source of the problem is om "Digital Unit" second board (on the left from the Final unit)

The voltage stability circut is fallen (probably) - than I shoud exchange the IC voltage regulator IC601 and/or capacitor c610

I will inform You about the result in few days ... (I haven't at home new IC VOLTAGE REGULATOR TO220 - L7808

Regards
Marcel SP9XWD

12180. Re: 850 fault ...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-02 19:42:29 UTC
From: avvidclif
Topic: 12177 Message: 12180

I doubt a regulator has gone bad. More likely is a solder short on the IF board. What is the voltage on the 8A pin of the TRX board?

Clif

--- In TS-850_450_690@yahoogroups.com, "sp9xwd" <sp9xwd@...> wrote:
>
> Hi during my work with VOX on IF board TS-850s I did some stupid mistake
> ...
> (If it will be necessary I describe my mistake it in detail later)
>
> In the results some NEW problems happen - with the voltage in my transeiver - on the IF / RF board it should be stable 8.02 on the line 8A .... now it varied ... and is equal ca. 9.15- 9.6V
>
> Please help me - where I should look for the new source of problem - probably it is already outside the IF board
> Regards
> Marcel SP9XWD
>

12181. In desperate need of a Mic Gain pot and knob for a TS-690/450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-08 12:07:31 UTC
From: Bob - K2KI
Topic: 12181 Message: 12181

Hi all,

The title says it all. I need this to complete my repair of my TS-690 I have been unable to find one via the commercial route. If you have one, please drop me a note.

Thanks es 73...
Bob de k2ki

12182. S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-11 04:47:53 UTC
From: va3gru
Topic: 12182 Message: 12182

Hi. I purchased my 850 a few months ago, and overall it's a great rig - I made enough contacts for WAC in just over a week with this rig and coaxial dipoles on 20 and 40. However, there are a couple of quirks that need to be addressed.

I have had a few kenwood rigs over the years: 120, 520, 530 gold line, 430, 450 and now the 850, so I base my observations and comparisons on what I recall of the functioning of these radios.

This post will deal with the S-Meter problem, but will touch on the other problem I'm having, just incase they have something to do with each other, but I will make other posts for them specifically.

My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but does not work in the AGC off position. I mean FLAT and NO movement at all! Any help with potential causes or troubleshooting suggestions are very appreciated. There are a couple of other quirks with this radio as well: When I tx without processor, with or without high-boost, everything is fine, mic gain dial set anywhere from 0 to full. However, when I tx with my Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird sound - not unlike the sound arcing in an air variable capacitor makes when a tuner is being fed too much power - invariably results. My first investigations were to rule out arcing.

Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare it to what I remember of my 450 on the same antenna.

Please, any help, info or suggestions for troubleshooting and investigating the cause of this problem is very much appreciated.

Tnx, 73! Rob VA3GRU.

12183. Re: [TS-850_450_690] S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-11 05:08:09 UTC
From: WB4CIW@...
Topic: 12182 Message: 12183

As I recall, with the 850 and 870, when you turn your processor on, the mic gain no longer functions.
If you correctly adjust your rig for best processor audio keeping the ALC well within the "confines" of the ALC arc, you should have excellent audio and won't have to even touch the mic gain.
Frank
wb4ciw

In a message dated 6/10/2013 10:49:43 P.M. Mountain Daylight Time, rob@... writes:

Hi. I purchased my 850 a few months ago, and overall it's a great rig - I made enough contacts for WAC in just over a week with this rig and coaxial dipoles on 20 and 40. However, there are a couple of quirks that need to be addressed.

I have had a few kenwood rigs over the years: 120, 520, 530 gold line, 430, 450 and now the 850, so I base my observations and comparisons on what I recall of the functioning of these radios.

This post will deal with the S-Meter problem, but will touch on the other problem I'm having, just incase they have something to do with each other, but I will make other posts for them specifically.

My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but does not work in the AGC off position. I mean FLAT and NO movement at all! Any help with potential causes or troubleshooting suggestions are very appreciated. There are a couple of other quirks with this radio as well: When I tx without processor, with or without high-boost, everything is fine, mic gain dial set anywhere from 0 to full. However, when I tx with my Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird sound - not unlike the sound arcing in an air variable capacitor makes when a tuner is being fed too much power - invariably results. My first investigations were to rule out arcing.

Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare it to what I remember of my 450 on the same antenna.

Please, any help, info or suggestions for troubleshooting and investigating the cause of this problem is very much appreciated.

Tnx, 73! Rob VA3GRU.

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

12184. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-11 13:53:23 UTC
From: avvidclif
Topic: 12182 Message: 12184

AGC, Automatic Gain Control. The s-meter indicates the activity of the AGC. If it's turned off nothing to show, the gain level is fixed.

Read the owners manual for operation of the Mic Gain and Processor controls. You're not adjusting them correctly.

Q49 is either inline or out of line on all bands, it is not band specific and can't be turned off or on by the operator.

Clif

--- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@...> wrote:
>
> Hi. I purchased my 850 a few months ago, and overall it's a great rig - I made enough contacts for WAC in just over a week with this rig and coaxial dipoles on 20 and 40. However, there are a couple of quirks that need to be addressed.
>
> I have had a few kenwood rigs over the years: 120, 520, 530 gold line, 430, 450 and now the 850, so I base my observations and comparisons on what I recall of the functioning of these radios.
>
> This post will deal with the S-Meter problem, but will touch on the other problem I'm having, just incase they have something to do with each other, but I will make other posts for them specifically.
>
> My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but does not work in the AGC off position. I mean FLAT and NO movement at all! Any help with potential causes or troubleshooting suggestions are very appreciated. There are a couple of other quirks with this radio as well: When I tx without processor, with or without high-boost, everything is fine, mic gain dial set anywhere from 0 to full. However, when I tx with my Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird sound - not unlike the sound arcing in an air variable capacitor makes when a tuner is being fed too much power - invariably results. My first investigations were to rule out arcing.
>
> Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare it to what I remember of my 450 on the same antenna.
>
> Please, any help, info or suggestions for troubleshooting and investigating the cause of this problem is very much appreciated.
>
> Tnx, 73! Rob VA3GRU.
>

12185. ts-850sat for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-11 16:09:19 UTC
From: dalepavlicek
Topic: 12185 Message: 12185

I have a 60 million + serial #, 850 for sale. Never around smoke. The rig has std filters, has the txco, auto tuner and the voice module. Cosmetics are a easy 9/10 . The rig has no operating issues of any kind. Comes with the kenwood hand mic and both operations and the full service manual. If any interest please get back off list.Have owned since new.
Iam asking 750.00 and free shipping for the ts-850.
thanks
dale wt4t

12186. "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-12 20:39:28 UTC
From: va3gru
Topic: 12186 Message: 12186

So, as I began to touch on in my S-meter related post, here is a more detailed synopsis of the problem that I'm having with tx'ing on SSB:

The rig functions fine, regardless of settings in AM and FM, as far as I can tell by observation and listening on my little Alinco DJ-G7t. It seems to function fine in SSB when the processor is OFF, with high boost on or off, regardless of mic level (0 to full), even getting "good audio" reports.

The rig will operate fine, with or without high boost, as long as the mic gain is kept from 0 to just under 4. Speaking into the mic gives full ALC range (red bar and a bit beyond) deflection without the processor, and beyond full when the processor is on, and I watch my mic gain.

My problem starts when the rig is in SSB and the processor is on, whenever the mic gain goes above just under the 4 mark.

Once I go above just below 4 with my mic gain - 4 is where the prob. starts to occur, with the problem getting worse and worse as you go up from 4 to full - a kind of "feedback" (I call it this because of the behavior of the problem, not the sound that is produced) begins to occur.

The problem noise maxes out the output power indicator to full (just beyond 100W mark) then backs off a bit, kind of going "shooosh, shooosh, shooosh" over and over about twice or so a second, with a sound that's not unlike the sound of arcing in an air-variable plate capacitor being fed too much power, except that it's more "muffled".

The sound can be heard coming from the radio's speaker a little bit. When I disconnected the speaker from the rig, the sound disappears but the problem remains.

When the problem is happening and I speak into the microphone, the power output / ALC responds correctly, with my voice being heard normally (except for a little distortion) via the MONI with headphones on. I don't have an SSB capable receiver, so I can't hear what makes it out of the radio, but I can see via the meter and hear via the MONI that the noise does seem to make it out of the rig.

Once I stop speaking, the problem returns gradually, taking about a full second to get back to the pinned meter, "shooosh, shooosh, shooosh" level, until I resume speaking.

The position of the processor knob has some bearing on how high the mic gain has to be set in order to initiate this feedback, and how intensely the problem manifests is slightly altered but even with the processor dial at zero, the problem still occurs, just taking a little bit more mic gain to get it to act as strongly as I described above.

I changed mics and there is some difference in the level required to initiate the problem effect, but even without a mic connected, simply engaging the REC/SEND button while PROC is engaged and mic gain just above 4 causes the same thing.

Also, there appears to be a "microphonic" component in the left, rear, upper (I think) section of the rig that causes tapping on the case of the radio in that area to be reproduced in the TX / MONI audio, even when no mic is connected. This leads me to believe that a bad cap somewhere may be the root of this problem, so this has been the initial focus of my (fruitless) initial inspection of the rig so far. Not seeing anything out of the ordinary, (except that the CAR board with the DDS chips on it that is just under the voice synth. and recorder modules, has had some caps replaced, including evidence of minimal corrosion damage having been repaired,) I am not able to further identify any potential cause visually.

I am currently doing some further investigation inside the rig, looking through the various boards a bit more closely, and tap-testing for microphonic caps, and inspecting for any other unusual things. If any progress is made with this, I'll immediately update this post.

I don't know what is going on with this thing.

Like I said, the rig operates OK as long as I'm careful with the mic gain. I can even run the processor, and have been getting good audio reports!

Any help or suggestions for troubleshooting and/or accounts of similar experiences that have since been ameliorated are very much appreciated.

Thanks for having read this far, and in advance for any help that may be provided.

73!
-Rob, VA3GRU.

12187. Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-12 21:32:57 UTC
From: avvidclif
Topic: 12186 Message: 12187

It sounds like too much mic gain.

Have you set up the radio for SSB Transmission exactly by the book? Especially the Speech Processor since that seems to be where the problem is.

Clif

--- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@...> wrote:
>
> So, as I began to touch on in my S-meter related post, here is a more detailed synopsis of the problem that I'm having with tx'ing on SSB:
>
> The rig functions fine, regardless of settings in AM and FM, as far as I can tell by observation and listening on my little Alinco DJ-G7t. It seems to function fine in SSB when the processor is OFF, with high boost on or off, regardless of mic level (0 to full), even getting "good audio" reports.
>
> The rig will operate fine, with or without high boost, as long as the mic gain is kept from 0 to just under 4. Speaking into the mic gives full ALC range (red bar and a bit beyond) deflection without the processor, and beyond full when the processor is on, and I watch my mic gain.
>
> My problem starts when the rig is in SSB and the processor is on, whenever the mic gain goes above just under the 4 mark.
>
> Once I go above just below 4 with my mic gain - 4 is where the prob. starts to occur, with the problem getting worse and worse as you go up from 4 to full - a kind of "feedback" (I call it this because of the behavior of the problem, not the sound that is produced) begins to occur.
>
> The problem noise maxes out the output power indicator to full (just beyond 100W mark) then backs off a bit, kind of going "shooosh, shooosh, shooosh" over and over about twice or so a second, with a sound that's not unlike the sound of arcing in an air-variable plate capacitor being fed too much power, except that it's more "muffled".
>
> The sound can be heard coming from the radio's speaker a little bit. When I disconnected the speaker from the rig, the sound disappears but the problem remains.
>
> When the problem is happening and I speak into the microphone, the power output / ALC responds correctly, with my voice being heard normally (except for a little distortion) via the MONI with headphones on. I don't have an SSB capable receiver, so I can't hear what makes it out of the radio, but I can see via the meter and hear via the MONI that the noise does seem to make it out of the rig.
>

> Once I stop speaking, the problem returns gradually, taking about a full second to get back to the pinned meter, "shooosh, shooosh, shooosh" level, until I resume speaking.
>
> The position of the processor knob has some bearing on how high the mic gain has to be set in order to initiate this feedback, and how intensely the problem manifests is slightly altered but even with the processor dial at zero, the problem still occurs, just taking a little bit more mic gain to get it to act as strongly as I described above.
>
> I changed mics and there is some difference in the level required to initiate the problem effect, but even without a mic connected, simply engaging the REC/SEND button while PROC is engaged and mic gain just above 4 causes the same thing.
>
> Also, there appears to be a "microphonic" component in the left, rear, upper (I think) section of the rig that causes tapping on the case of the radio in that area to be reproduced in the TX / MONI audio, even when no mic is connected. This leads me to believe that a bad cap somewhere may be the root of this problem, so this has been the initial focus of my (fruitless) initial inspection of the rig so far. Not seeing anything out of the ordinary, (except that the CAR board with the DDS chips on it that is just under the voice synth. and recorder modules, has had some caps replaced, including evidence of minimal corrosion damage having been repaired,) I am not able to further identify any potential cause visually.
>
> I am currently doing some further investigation inside the rig, looking through the various boards a bit more closely, and tap-testing for microphonic caps, and inspecting for any other unusual things. If any progress is made with this, I'll immediately update this post.
>
>
> I don't know what is going on with this thing.
>
> Like I said, the rig operates OK as long as I'm careful with the mic gain. I can even run the processor, and have been getting good audio reports!
>
> Any help or suggestions for troubleshooting and/or accounts of similar experiences that have since been ameliorated are very much appreciated.
>
> Thanks for having read this far, and in advance for any help that may be provided.
>
> 73!
> -Rob, VA3GRU.
>

12188. RE: [TS-850_450_690] "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-12 22:38:46 UTC
From: k4pdm
Topic: 12186 Message: 12188

RF in the shack.

Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

12189. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-12 23:24:43 UTC
From: va3gru
Topic: 12182 Message: 12189

Hi, and thanks for the reply.

OK, now looking at the meter's displayed information as being created by a measurement of how much the AGC circuit is kicking in and not by a direct sampling of how many uV/S-units of incoming signal make it into the front end from the antenna, I guess my question should now be: why, if the S-Meter reading is created by measuring how much the AGC circuit is being engaged instead of measuring the raw incoming signal, is there a position on the AGC selector that makes it so the receiver's ability to measure the incoming signal gets disabled? ...especially with the AGC is disengaged!! Wouldn't it make better sense to have a circuit at the OFF position that lets the s-meter measure how much / how strong of an incoming signal appears at the front end independent of AGC action?

TNX AGN, 73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> AGC, Automatic Gain Control. The s-meter indicates the activity of the AGC. If it's turned off nothing to show, the gain level is fixed.
>
> Read the owners manual for operation of the Mic Gain and Processor controls. You're not adjusting them correctly.
>
> Q49 is either inline or out of line on all bands, it is not band specific and can't be turned off or on by the operator.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> >
> > Hi. I purchased my 850 a few months ago, and overall it's a great rig - I made enough contacts for WAC in just over a week with this rig and coaxial dipoles on 20 and 40. However, there are a couple of quirks that need to be addressed.
> >
> > I have had a few kenwood rigs over the years: 120, 520, 530 gold line, 430, 450 and now the 850, so I base my observations and comparisons on what I recall of the functioning of these radios.
> >
> > This post will deal with the S-Meter problem, but will touch on the other problem I'm having, just incase they have something to do with each other, but I will make other posts for them specifically.
> >
> > My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but does not work in the AGC off position. I mean FLAT and NO movement at all! Any help with potential causes or troubleshooting suggestions are very appreciated. There are a couple of other quirks with this radio as well: When I tx without processor, with or without high-boost, everything is fine, mic gain dial set anywhere from 0 to full. However, when I tx with my

Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird sound - not unlike the sound arcing in an air variable capacitor makes when a tuner is being fed too much power - invariably results. My first investigations were to rule out arcing.
> >
> > Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare it to what I remember of my 450 on the same antenna.
> >
> > Please, any help, info or suggestions for troubleshooting and investigating the cause of this problem is very much appreciated.
> >
> > Tnx, 73! Rob VA3GRU.
> >
>

12190. Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-12 23:56:37 UTC
From: va3gru
Topic: 12186 Message: 12190

Hi, Clif: When I first got the rig, I looked in the manual and set it as they described by adjusting the PROC level while observing the COMP level on the meter, and have been doing the same thing since.

Thanks, 73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> It sounds like too much mic gain.
>
> Have you set up the radio for SSB Transmission exactly by the book? Especially the Speech Processor since that seems to be where the problem is.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> >
> > So, as I began to touch on in my S-meter related post, here is a more detailed synopsis of the problem that I'm having with tx'ing on SSB:
> >
> > The rig functions fine, regardless of settings in AM and FM, as far as I can tell by observation and listening on my little Alinco DJ-G7t. It seems to function fine in SSB when the processor is OFF, with high boost on or off, regardless of mic level (0 to full), even getting "good audio" reports.
> >
> > The rig will operate fine, with or without high boost, as long as the mic gain is kept from 0 to just under 4. Speaking into the mic gives full ALC range (red bar and a bit beyond) deflection without the processor, and beyond full when the processor is on, and I watch my mic gain.
> >
> > My problem starts when the rig is in SSB and the processor is on, whenever the mic gain goes above just under the 4 mark.
> >
> > Once I go above just below 4 with my mic gain - 4 is where the prob. starts to occur, with the problem getting worse and worse as you go up from 4 to full - a kind of "feedback" (I call it this because of the behavior of the problem, not the sound that is produced) begins to occur.
> >
> > The problem noise maxes out the output power indicator to full (just beyond 100W mark) then backs off a bit, kind of going "shooosh, shooosh, shooosh" over and over about twice or so a second, with a sound that's not unlike the sound of arcing in an air-variable plate capacitor being fed too much power, except that it's more "muffled".
> >
> > The sound can be heard coming from the radio's speaker a little bit. When I

disconnected the speaker from the rig, the sound disappears but the problem remains.
> >
> > When the problem is happening and I speak into the microphone, the power output / ALC responds correctly, with my voice being heard normally (except for a little distortion) via the MONI with headphones on. I don't have an SSB capable receiver, so I can't hear what makes it out of the radio, but I can see via the meter and hear via the MONI that the noise does seem to make it out of the rig.
> >
> > Once I stop speaking, the problem returns gradually, taking about a full second to get back to the pinned meter, "shooosh, shooosh, shooosh" level, until I resume speaking.
> >
> > The position of the processor knob has some bearing on how high the mic gain has to be set in order to initiate this feedback, and how intensely the problem manifests is slightly altered but even with the processor dial at zero, the problem still occurs, just taking a little bit more mic gain to get it to act as strongly as I described above.
> >
> > I changed mics and there is some difference in the level required to initiate the problem effect, but even without a mic connected, simply engaging the REC/SEND button while PROC is engaged and mic gain just above 4 causes the same thing.
> >
> > Also, there appears to be a "microphonic" component in the left, rear, upper (I think) section of the rig that causes tapping on the case of the radio in that area to be reproduced in the TX / MONI audio, even when no mic is connected. This leads me to believe that a bad cap somewhere may be the root of this problem, so this has been the initial focus of my (fruitless) initial inspection of the rig so far. Not seeing anything out of the ordinary, (except that the CAR board with the DDS chips on it that is just under the voice synth. and recorder modules, has had some caps replaced, including evidence of minimal corrosion damage having been repaired,) I am not able to further identify any potential cause visually.
> >
> > I am currently doing some further investigation inside the rig, looking through the various boards a bit more closely, and tap-testing for microphonic caps, and inspecting for any other unusual things. If any progress is made with this, I'll immediately update this post.
> >
> >
> > I don't know what is going on with this thing.
> >
> > Like I said, the rig operates OK as long as I'm careful with the mic gain. I can even run the processor, and have been getting good audio reports!
> >
> > Any help or suggestions for troubleshooting and/or accounts of similar experiences that have since been ameliorated are very much appreciated.
> >
> > Thanks for having read this far, and in advance for any help that may be provided.
> >
> > 73!
> > -Rob, VA3GRU.
> >
>

12191. Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-12 23:50:42 UTC
From: va3gru
Topic: 12186 Message: 12191

I forgot to add:
-Adjusting the POWER ring behind the MIC GAIN dial does not have much effect on the problem, except to decrease the power being output while the noise is occurring.

-One of my first tries to fix this was to eliminate RF feeding back. So, I grounded, toroided, torroided again, grounded again, my power, mic, cw key, etc., removed everything but the power, and antenna wires which were toroid-encrusted and (power, anyway,) only 10" long from ps52 to rig... and, the problem still exists even with dummy load.

-My antennas match 1.5 to 1 (75 ohm coax) without tuner, almost across their entire respective band (20 + 40) and match totally flat with the tuner throughout their respective band and on others.

-I've pretty much isolated the microphonic cap to the area around the voice synth. / recorder / CAR board area, near the rear left of the rig. I will update this post as soon as I find the component responsible.

Thank-you very much for the responses I've already gotten!

73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@...> wrote:
>
> So, as I began to touch on in my S-meter related post, here is a more detailed synopsis of the problem that I'm having with tx'ing on SSB:
>
> The rig functions fine, regardless of settings in AM and FM, as far as I can tell by observation and listening on my little Alinco DJ-G7t. It seems to function fine in SSB when the processor is OFF, with high boost on or off, regardless of mic level (0 to full), even getting "good audio" reports.
>
> The rig will operate fine, with or without high boost, as long as the mic gain is kept from 0 to just under 4. Speaking into the mic gives full ALC range (red bar and a bit beyond) deflection without the processor, and beyond full when the processor is on, and I watch my mic gain.
>
> My problem starts when the rig is in SSB and the processor is on, whenever the mic gain goes above just under the 4 mark.
>
> Once I go above just below 4 with my mic gain - 4 is where the prob. starts to occur, with the problem getting worse and worse as you go up from 4 to full - a kind of "feedback" (I call it this because of the behavior of the problem, not the sound that is produced) begins to occur.
>
> The problem noise maxes out the output power indicator to full (just beyond 100W mark)

then backs off a bit, kind of going "shooosh, shooosh, shooosh" over and over about twice or so a second, with a sound that's not unlike the sound of arcing in an air-variable plate capacitor being fed too much power, except that it's more "muffled".
>
> The sound can be heard coming from the radio's speaker a little bit. When I disconnected the speaker from the rig, the sound disappears but the problem remains.
>
> When the problem is happening and I speak into the microphone, the power output / ALC responds correctly, with my voice being heard normally (except for a little distortion) via the MONI with headphones on. I don't have an SSB capable receiver, so I can't hear what makes it out of the radio, but I can see via the meter and hear via the MONI that the noise does seem to make it out of the rig.
>
> Once I stop speaking, the problem returns gradually, taking about a full second to get back to the pinned meter, "shooosh, shooosh, shooosh" level, until I resume speaking.
>
> The position of the processor knob has some bearing on how high the mic gain has to be set in order to initiate this feedback, and how intensely the problem manifests is slightly altered but even with the processor dial at zero, the problem still occurs, just taking a little bit more mic gain to get it to act as strongly as I described above.
>
> I changed mics and there is some difference in the level required to initiate the problem effect, but even without a mic connected, simply engaging the REC/SEND button while PROC is engaged and mic gain just above 4 causes the same thing.
>
> Also, there appears to be a "microphonic" component in the left, rear, upper (I think) section of the rig that causes tapping on the case of the radio in that area to be reproduced in the TX / MONI audio, even when no mic is connected. This leads me to believe that a bad cap somewhere may be the root of this problem, so this has been the initial focus of my (fruitless) initial inspection of the rig so far. Not seeing anything out of the ordinary, (except that the CAR board with the DDS chips on it that is just under the voice synth. and recorder modules, has had some caps replaced, including evidence of minimal corrosion damage having been repaired,) I am not able to further identify any potential cause visually.
>
> I am currently doing some further investigation inside the rig, looking through the various boards a bit more closely, and tap-testing for microphonic caps, and inspecting for any other unusual things. If any progress is made with this, I'll immediately update this post.
>
>
> I don't know what is going on with this thing.
>
> Like I said, the rig operates OK as long as I'm careful with the mic gain. I can even run the processor, and have been getting good audio reports!
>
> Any help or suggestions for troubleshooting and/or accounts of similar experiences that have since been ameliorated are very much appreciated.
>
> Thanks for having read this far, and in advance for any help that may be provided.
>

> 73!
> -Rob, VA3GRU.
>

12192. Re: [TS-850_450_690] "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 00:03:41 UTC
From: Crownhaven
Topic: 12186 Message: 12192

Maybe someone already said this but sounds like RF feedback????????

Steve, N4JQQ

On 6/12/2013 3:39 PM, va3gru wrote:
>
> So, as I began to touch on in my S-meter related post, here is a more
> detailed synopsis of the problem that I'm having with tx'ing on SSB:
>
> The rig functions fine, regardless of settings in AM and FM, as far as
> I can tell by observation and listening on my little Alinco DJ-G7t. It
> seems to function fine in SSB when the processor is OFF, with high
> boost on or off, regardless of mic level (0 to full), even getting
> "good audio" reports.
>
> The rig will operate fine, with or without high boost, as long as the
> mic gain is kept from 0 to just under 4. Speaking into the mic gives
> full ALC range (red bar and a bit beyond) deflection without the
> processor, and beyond full when the processor is on, and I watch my
> mic gain.
>
> My problem starts when the rig is in SSB and the processor is on,
> whenever the mic gain goes above just under the 4 mark.
>
> Once I go above just below 4 with my mic gain - 4 is where the prob.
> starts to occur, with the problem getting worse and worse as you go up
> from 4 to full - a kind of "feedback" (I call it this because of the
> behavior of the problem, not the sound that is produced) begins to occur.
>
> The problem noise maxes out the output power indicator to full (just
> beyond 100W mark) then backs off a bit, kind of going "shooosh,
> shooosh, shooosh" over and over about twice or so a second, with a
> sound that's not unlike the sound of arcing in an air-variable plate
> capacitor being fed too much power, except that it's more "muffled".
>
> The sound can be heard coming from the radio's speaker a little bit.
> When I disconnected the speaker from the rig, the sound disappears but
> the problem remains.
>
> When the problem is happening and I speak into the microphone, the
> power output / ALC responds correctly, with my voice being heard
> normally (except for a little distortion) via the MONI with headphones
> on. I don't have an SSB capable receiver, so I can't hear what makes
> it out of the radio, but I can see via the meter and hear via the MONI

> that the noise does seem to make it out of the rig.
>
> Once I stop speaking, the problem returns gradually, taking about a
> full second to get back to the pinned meter, "shooosh, shooosh,
> shooosh" level, until I resume speaking.
>
> The position of the processor knob has some bearing on how high the
> mic gain has to be set in order to initiate this feedback, and how
> intensely the problem manifests is slightly altered but even with the
> processor dial at zero, the problem still occurs, just taking a little
> bit more mic gain to get it to act as strongly as I described above.
>
> I changed mics and there is some difference in the level required to
> initiate the problem effect, but even without a mic connected, simply
> engaging the REC/SEND button while PROC is engaged and mic gain just
> above 4 causes the same thing.
>
> Also, there appears to be a "microphonic" component in the left, rear,
> upper (I think) section of the rig that causes tapping on the case of
> the radio in that area to be reproduced in the TX / MONI audio, even
> when no mic is connected. This leads me to believe that a bad cap
> somewhere may be the root of this problem, so this has been the
> initial focus of my (fruitless) initial inspection of the rig so far.
> Not seeing anything out of the ordinary, (except that the CAR board
> with the DDS chips on it that is just under the voice synth. and
> recorder modules, has had some caps replaced, including evidence of
> minimal corrosion damage having been repaired,) I am not able to
> further identify any potential cause visually.
>
> I am currently doing some further investigation inside the rig,
> looking through the various boards a bit more closely, and tap-testing
> for microphonic caps, and inspecting for any other unusual things. If
> any progress is made with this, I'll immediately update this post.
>
> I don't know what is going on with this thing.
>
> Like I said, the rig operates OK as long as I'm careful with the mic
> gain. I can even run the processor, and have been getting good audio
> reports!
>
> Any help or suggestions for troubleshooting and/or accounts of similar
> experiences that have since been ameliorated are very much appreciated.
>
> Thanks for having read this far, and in advance for any help that may
> be provided.
>
> 73!
> -Rob, VA3GRU.
>
>

[Non-text portions of this message have been removed]

12193. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 00:11:43 UTC
From: va3gru
Topic: 12182 Message: 12193

Hi. The mic gain works like normal when using the processor. Mic gain is disabled in FM mode only.

73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, WB4CIW@... wrote:
>
> As I recall, with the 850 and 870, when you turn your processor on, the mic
> gain no longer functions.
> If you correctly adjust your rig for best processor audio keeping the ALC
> well within the "confines" of the ALC arc, you should have excellent audio
> and won't have to even touch the mic gain.
> Frank
> wb4ciw
>
> In a message dated 6/10/2013 10:49:43 P.M. Mountain Daylight Time,
> rob@... writes:
>
> Hi. I purchased my 850 a few months ago, and overall it's a great rig - I
> made enough contacts for WAC in just over a week with this rig and coaxial
> dipoles on 20 and 40. However, there are a couple of quirks that need to
> be addressed.
>
> I have had a few kenwood rigs over the years: 120, 520, 530 gold line,
> 430, 450 and now the 850, so I base my observations and comparisons on what I
> recall of the functioning of these radios.
>
> This post will deal with the S-Meter problem, but will touch on the other
> problem I'm having, just incase they have something to do with each other,
> but I will make other posts for them specifically.
>
> My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but
> does not work in the AGC off position. I mean FLAT and NO movement at
> all! Any help with potential causes or troubleshooting suggestions are very
> appreciated. There are a couple of other quirks with this radio as well:
> When I tx without processor, with or without high-boost, everything is fine,
> mic gain dial set anywhere from 0 to full. However, when I tx with my
> Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird
> sound - not unlike the sound arcing in an air variable capacitor makes
> when a tuner is being fed too much power - invariably results. My first
> investigations were to rule out arcing.
>
> Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare
> it to what I remember of my 450 on the same antenna.
>

> Please, any help, info or suggestions for troubleshooting and
> investigating the cause of this problem is very much appreciated.
>
> Tnx, 73! Rob VA3GRU.
>
>
>
> ------------------------------------
>
> THANKS FOR USING TS-850_450_690@...! Groups Links
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

12194. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 00:57:50 UTC
From: avvidclif
Topic: 12182 Message: 12194

A basic question? Put the radio on 20m into a dummy load and set to CW mode. Adjust the Pwr and Car knobs to max. What is the power out? It should be 100-105w. If so back off the Car control and watch the ALC meter. It should be at max ALC range at abt 12 o'clock and the power should still be 100w.

Clif

--- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@...> wrote:
>
> Hi. The mic gain works like normal when using the processor. Mic gain is disabled in FM mode only.
>
> 73! -Rob, VA3GRU.
>
>
> --- In TS-850_450_690@yahoogroups.com, WB4CIW@ wrote:
> >
> > As I recall, with the 850 and 870, when you turn your processor on, the mic
> > gain no longer functions.
> > If you correctly adjust your rig for best processor audio keeping the ALC
> > well within the "confines" of the ALC arc, you should have excellent audio
> > and won't have to even touch the mic gain.
> > Frank
> > wb4ciw
> >
> > In a message dated 6/10/2013 10:49:43 P.M. Mountain Daylight Time,
> > rob@ writes:
> >
> > Hi. I purchased my 850 a few months ago, and overall it's a great rig - I
> > made enough contacts for WAC in just over a week with this rig and coaxial
> > dipoles on 20 and 40. However, there are a couple of quirks that need to
> > be addressed.
> >
> > I have had a few kenwood rigs over the years: 120, 520, 530 gold line,
> > 430, 450 and now the 850, so I base my observations and comparisons on what I
> > recall of the functioning of these radios.
> >
> > This post will deal with the S-Meter problem, but will touch on the other
> > problem I'm having, just incase they have something to do with each other,
> > but I will make other posts for them specifically.
> >
> > My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but
> > does not work in the AGC off position. I mean FLAT and NO movement at
> > all! Any help with potential causes or troubleshooting suggestions are very
> > appreciated. There are a couple of other quirks with this radio as well:

> > When I tx without processor, with or without high-boost, everything is fine,
> > mic gain dial set anywhere from 0 to full. However, when I tx with my
> > Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird
> > sound - not unlike the sound arcing in an air variable capacitor makes
> > when a tuner is being fed too much power - invariably results. My first
> > investigations were to rule out arcing.
> >
> > Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare
> > it to what I remember of my 450 on the same antenna.
> >
> > Please, any help, info or suggestions for troubleshooting and
> > investigating the cause of this problem is very much appreciated.
> >
> > Tnx, 73! Rob VA3GRU.
> >
> >
> >
> > ------------------------------------
> >
> > THANKS FOR USING TS-850_450_690@! Groups Links
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

12195. Re: [TS-850_450_690] Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 06:20:26 UTC
From: kkyahoo
Topic: 12182 Message: 12195

Rob,

The problem is the meter works off the agc voltage so if you switch the agc off, the meter will not read sensibly. The only reason the S meter has the characteristic that it does, in terms of deflection for a given input signal strength, is because of the closed loop characteristic of the rf/if stages and the agc system. Switch the agc off and you would be running the full gain of the RX into the meter essentially. You would then have a different reading for a given rf input signal with agc on or off. More importantly the range over which the meter would work would be tiny. It's characteristic would be pretty linear with agc off and logarithmic with agc on.

Agc is switched off in FM mode and the meter is operative but driven differently, its deflection law is totally different from that which you see with agc on. In AM, with agc on, my 850 requires 20mV for 60 over 9, whereas in FM the same deflection is achieved at just 18uV. You could do some mods to the set to have the S meter on when the agc is off in AM and SSB but it's not going to be very useful because of this.

Kevin
----- Original Message -----
From: va3gru
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 13, 2013 12:24 AM
Subject: [TS-850_450_690] Re: S-meter does not work in AGC-off position?!?

Hi, and thanks for the reply.

OK, now looking at the meter's displayed information as being created by a measurement of how much the AGC circuit is kicking in and not by a direct sampling of how many uV/S-units of incoming signal make it into the front end from the antenna, I guess my question should now be: why, if the S-Meter reading is created by measuring how much the AGC circuit is being engaged instead of measuring the raw incoming signal, is there a position on the AGC selector that makes it so the receiver's ability to measure the incoming signal gets disabled? ...especially with the AGC is disengaged!! Wouldn't it make better sense to have a circuit at the OFF position that lets the s-meter measure how much / how strong of an incoming signal appears at the front end independent of AGC action?

TNX AGN, 73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> AGC, Automatic Gain Control. The s-meter indicates the activity of the AGC. If it's turned off nothing to show, the gain level is fixed.
>
> Read the owners manual for operation of the Mic Gain and Processor controls. You're not adjusting them correctly.
>
> Q49 is either inline or out of line on all bands, it is not band specific and can't be

turned off or on by the operator.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> >
> > Hi. I purchased my 850 a few months ago, and overall it's a great rig - I made enough contacts for WAC in just over a week with this rig and coaxial dipoles on 20 and 40. However, there are a couple of quirks that need to be addressed.
> >
> > I have had a few kenwood rigs over the years: 120, 520, 530 gold line, 430, 450 and now the 850, so I base my observations and comparisons on what I recall of the functioning of these radios.
> >
> > This post will deal with the S-Meter problem, but will touch on the other problem I'm having, just incase they have something to do with each other, but I will make other posts for them specifically.
> >
> > My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but does not work in the AGC off position. I mean FLAT and NO movement at all! Any help with potential causes or troubleshooting suggestions are very appreciated. There are a couple of other quirks with this radio as well: When I tx without processor, with or without high-boost, everything is fine, mic gain dial set anywhere from 0 to full. However, when I tx with my Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird sound - not unlike the sound arcing in an air variable capacitor makes when a tuner is being fed too much power - invariably results. My first investigations were to rule out arcing.
> >
> > Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare it to what I remember of my 450 on the same antenna.
> >
> > Please, any help, info or suggestions for troubleshooting and investigating the cause of this problem is very much appreciated.
> >
> > Tnx, 73! Rob VA3GRU.
> >
>

[Non-text portions of this message have been removed]

12196. Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 14:44:22 UTC
From: ah6rr1
Topic: 12186 Message: 12196

You say 75 ohm coax what kind of 75ohm coax are you using? Most RG6 coax's are made for TV reception to RF transmission at the 100W level since the shield is aluminum it is hard to get the shield grounded properly. Try 50ohm coax since that is what the radio output is designed for.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@...> wrote:
>
>
>
>
> I forgot to add:
> -Adjusting the POWER ring behind the MIC GAIN dial does not have much effect on the problem, except to decrease the power being output while the noise is occurring.
>
> -One of my first tries to fix this was to eliminate RF feeding back. So, I grounded, toroided, torroided again, grounded again, my power, mic, cw key, etc., removed everything but the power, and antenna wires which were toroid-encrusted and (power, anyway,) only 10" long from ps52 to rig... and, the problem still exists even with dummy load.
>
> -My antennas match 1.5 to 1 (75 ohm coax) without tuner, almost across their entire respective band (20 + 40) and match totally flat with the tuner throughout their respective band and on others.
>
> -I've pretty much isolated the microphonic cap to the area around the voice synth. / recorder / CAR board area, near the rear left of the rig. I will update this post as soon as I find the component responsible.
>
> Thank-you very much for the responses I've already gotten!
>
> 73! -Rob, VA3GRU.
>
>
> --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> >
> > So, as I began to touch on in my S-meter related post, here is a more detailed synopsis of the problem that I'm having with tx'ing on SSB:
> >
> > The rig functions fine, regardless of settings in AM and FM, as far as I can tell by observation and listening on my little Alinco DJ-G7t. It seems to function fine in SSB when the processor is OFF, with high boost on or off, regardless of mic level (0 to full), even getting "good audio" reports.
> >

> > The rig will operate fine, with or without high boost, as long as the mic gain is kept from 0 to just under 4. Speaking into the mic gives full ALC range (red bar and a bit beyond) deflection without the processor, and beyond full when the processor is on, and I watch my mic gain.
> >
> > My problem starts when the rig is in SSB and the processor is on, whenever the mic gain goes above just under the 4 mark.
> >
> > Once I go above just below 4 with my mic gain - 4 is where the prob. starts to occur, with the problem getting worse and worse as you go up from 4 to full - a kind of "feedback" (I call it this because of the behavior of the problem, not the sound that is produced) begins to occur.
> >
> > The problem noise maxes out the output power indicator to full (just beyond 100W mark) then backs off a bit, kind of going "shooosh, shooosh, shooosh" over and over about twice or so a second, with a sound that's not unlike the sound of arcing in an air-variable plate capacitor being fed too much power, except that it's more "muffled".
> >
> > The sound can be heard coming from the radio's speaker a little bit. When I disconnected the speaker from the rig, the sound disappears but the problem remains.
> >
> > When the problem is happening and I speak into the microphone, the power output / ALC responds correctly, with my voice being heard normally (except for a little distortion) via the MONI with headphones on. I don't have an SSB capable receiver, so I can't hear what makes it out of the radio, but I can see via the meter and hear via the MONI that the noise does seem to make it out of the rig.
> >
> > Once I stop speaking, the problem returns gradually, taking about a full second to get back to the pinned meter, "shooosh, shooosh, shooosh" level, until I resume speaking.
> >
> > The position of the processor knob has some bearing on how high the mic gain has to be set in order to initiate this feedback, and how intensely the problem manifests is slightly altered but even with the processor dial at zero, the problem still occurs, just taking a little bit more mic gain to get it to act as strongly as I described above.
> >
> > I changed mics and there is some difference in the level required to initiate the problem effect, but even without a mic connected, simply engaging the REC/SEND button while PROC is engaged and mic gain just above 4 causes the same thing.
> >
> > Also, there appears to be a "microphonic" component in the left, rear, upper (I think) section of the rig that causes tapping on the case of the radio in that area to be reproduced in the TX / MONI audio, even when no mic is connected. This leads me to believe that a bad cap somewhere may be the root of this problem, so this has been the initial focus of my (fruitless) initial inspection of the rig so far. Not seeing anything out of the ordinary, (except that the CAR board with the DDS chips on it that is just under the voice synth. and recorder modules, has had some caps replaced, including evidence of minimal corrosion damage having been repaired,) I am not able to further identify any potential cause visually.
> >
> > I am currently doing some further investigation inside the rig, looking through the

various boards a bit more closely, and tap-testing for microphonic caps, and inspecting for any other unusual things. If any progress is made with this, I'll immediately update this post.
> >
> >
> > I don't know what is going on with this thing.
> >
> > Like I said, the rig operates OK as long as I'm careful with the mic gain. I can even run the processor, and have been getting good audio reports!
> >
> > Any help or suggestions for troubleshooting and/or accounts of similar experiences that have since been ameliorated are very much appreciated.
> >
> > Thanks for having read this far, and in advance for any help that may be provided.
> >
> > 73!
> > -Rob, VA3GRU.
> >
>

12197. YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 15:07:46 UTC
From: va3ut
Topic: 12197 Message: 12197

My 850 has a problem with the DDS chip and I was checking if I can find a part on-line. I came across with some Chinese chip vendors and few of them claim that they have this part but none of them wants to send any picture of it. I am wondering if it is safe to order from these vendors.

Thanks.

Chris AD1AD (ex. VA3UT)

12198. Re: [TS-850_450_690] Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 15:33:15 UTC
From: condor@...
Topic: 12186 Message: 12198

Roland... many antennas do not match 50/52 ohms - so whether the antennadoesn't match, or the coax doesn't match, it makes no difference - the radio's output doesn't see 50/52 ohms, but it doesn't have to see 50/52 ohms - it can see anything from 20 to 200+ ohms, so changing the coax from 72 to 52 ohms will do nothing but slightly re-shift the feed impedance - that is why tuners are built in- it will still need to be matched. There is no reason to believe that there is a ground problem with the aluminum shield.

Paul - K2BK

On 6/13/2013 10:44 AM, ah6rr1 wrote:
>
> You say 75 ohm coax what kind of 75ohm coax are you using? Most RG6
> coax's are made for TV reception to RF transmission at the 100W level
> since the shield is aluminum it is hard to get the shield grounded
> properly. Try 50ohm coax since that is what the radio output is
> designed for.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "va3gru" <rob@...> wrote:
> >
> >
> >
> >
> > I forgot to add:
> > -Adjusting the POWER ring behind the MIC GAIN dial does not have
> much effect on the problem, except to decrease the power being output
> while the noise is occurring.
> >
> > -One of my first tries to fix this was to eliminate RF feeding back.
> So, I grounded, toroided, torroided again, grounded again, my power,
> mic, cw key, etc., removed everything but the power, and antenna wires
> which were toroid-encrusted and (power, anyway,) only 10" long from
> ps52 to rig... and, the problem still exists even with dummy load.
> >
> > -My antennas match 1.5 to 1 (75 ohm coax) without tuner, almost
> across their entire respective band (20 + 40) and match totally flat
> with the tuner throughout their respective band and on others.
> >
> > -I've pretty much isolated the microphonic cap to the area around
> the voice synth. / recorder / CAR board area, near the rear left of

> the rig. I will update this post as soon as I find the component
> responsible.
> >
> > Thank-you very much for the responses I've already gotten!
> >
> > 73! -Rob, VA3GRU.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com>, "va3gru" <rob@> wrote:
> > >
> > > So, as I began to touch on in my S-meter related post, here is a
> more detailed synopsis of the problem that I'm having with tx'ing on SSB:
> > >
> > > The rig functions fine, regardless of settings in AM and FM, as
> far as I can tell by observation and listening on my little Alinco
> DJ-G7t. It seems to function fine in SSB when the processor is OFF,
> with high boost on or off, regardless of mic level (0 to full), even
> getting "good audio" reports.
> > >
> > > The rig will operate fine, with or without high boost, as long as
> the mic gain is kept from 0 to just under 4. Speaking into the mic
> gives full ALC range (red bar and a bit beyond) deflection without the
> processor, and beyond full when the processor is on, and I watch my
> mic gain.
> > >
> > > My problem starts when the rig is in SSB and the processor is on,
> whenever the mic gain goes above just under the 4 mark.
> > >
> > > Once I go above just below 4 with my mic gain - 4 is where the
> prob. starts to occur, with the problem getting worse and worse as you
> go up from 4 to full - a kind of "feedback" (I call it this because of
> the behavior of the problem, not the sound that is produced) begins to
> occur.
> > >
> > > The problem noise maxes out the output power indicator to full
> (just beyond 100W mark) then backs off a bit, kind of going "shooosh,
> shooosh, shooosh" over and over about twice or so a second, with a
> sound that's not unlike the sound of arcing in an air-variable plate
> capacitor being fed too much power, except that it's more "muffled".
> > >
> > > The sound can be heard coming from the radio's speaker a little
> bit. When I disconnected the speaker from the rig, the sound
> disappears but the problem remains.
> > >
> > > When the problem is happening and I speak into the microphone, the
> power output / ALC responds correctly, with my voice being heard
> normally (except for a little distortion) via the MONI with headphones
> on. I don't have an SSB capable receiver, so I can't hear what makes
> it out of the radio, but I can see via the meter and hear via the MONI

> that the noise does seem to make it out of the rig.
> > >
> > > Once I stop speaking, the problem returns gradually, taking about
> a full second to get back to the pinned meter, "shooosh, shooosh,
> shooosh" level, until I resume speaking.
> > >
> > > The position of the processor knob has some bearing on how high
> the mic gain has to be set in order to initiate this feedback, and how
> intensely the problem manifests is slightly altered but even with the
> processor dial at zero, the problem still occurs, just taking a little
> bit more mic gain to get it to act as strongly as I described above.
> > >
> > > I changed mics and there is some difference in the level required
> to initiate the problem effect, but even without a mic connected,
> simply engaging the REC/SEND button while PROC is engaged and mic gain
> just above 4 causes the same thing.
> > >
> > > Also, there appears to be a "microphonic" component in the left,
> rear, upper (I think) section of the rig that causes tapping on the
> case of the radio in that area to be reproduced in the TX / MONI
> audio, even when no mic is connected. This leads me to believe that a
> bad cap somewhere may be the root of this problem, so this has been
> the initial focus of my (fruitless) initial inspection of the rig so
> far. Not seeing anything out of the ordinary, (except that the CAR
> board with the DDS chips on it that is just under the voice synth. and
> recorder modules, has had some caps replaced, including evidence of
> minimal corrosion damage having been repaired,) I am not able to
> further identify any potential cause visually.
> > >
> > > I am currently doing some further investigation inside the rig,
> looking through the various boards a bit more closely, and tap-testing
> for microphonic caps, and inspecting for any other unusual things. If
> any progress is made with this, I'll immediately update this post.
> > >
> > >
> > > I don't know what is going on with this thing.
> > >
> > > Like I said, the rig operates OK as long as I'm careful with the
> mic gain. I can even run the processor, and have been getting good
> audio reports!
> > >
> > > Any help or suggestions for troubleshooting and/or accounts of
> similar experiences that have since been ameliorated are very much
> appreciated.
> > >
> > > Thanks for having read this far, and in advance for any help that
> may be provided.
> > >
> > > 73!
> > > -Rob, VA3GRU.

> > >
> >
>
>

12199. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 18:10:19 UTC
From: Eric
Topic: 12197 Message: 12199

I've made inquiries with a number of Chinese venders and several also claim to have the chips. But something about the E-mail exchanges made me suspicious. I couldn't put my finger on it, but I decided NOT to order from them. My recommendation at this point is to find a parts radio with the newer chips.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "va3ut" <ve3uvt@...> wrote:
>
> My 850 has a problem with the DDS chip and I was checking if I can find a part on-line. I came across with some Chinese chip vendors and few of them claim that they have this part but none of them wants to send any picture of it. I am wondering if it is safe to order from these vendors.
>
> Thanks.
>
> Chris AD1AD (ex. VA3UT)
>

12200. CAR board or part radio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 18:17:58 UTC
From: va3ut
Topic: 12200 Message: 12200

Hi,

Does anyone have a CAR board from a late serial number 850? I can buy the entire part radio if I have to.

Thanks,

Chris AD1AD

12201. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 20:04:15 UTC
From: John tf
Topic: 12197 Message: 12201

Get more info , go through the motions of buying and hold off at the last moment .
Then pass any info back to the group .
There is no way to say anything , about no info , link etc.
Give us something to go on ?

[Non-text portions of this message have been removed]

12202. Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 20:12:13 UTC
From: va3gru
Topic: 12186 Message: 12202

Hi, Roland.

I am using quad shield copper braid rg6 coax. I find that for the price, and since I'm using dipole antennas which have an impedance at the feed point of 73 or so ohms, anyway, It works very well. As I said, my 50 ohm radio matches 1.5:1 without the tuner, so 75 ohms : 50 ohms, and 1:1 with the internal auto-tuner engaged, so turning the 50 ohm connection at the radio into a 75 ohm connection.

Like I had mentioned before, though, since the problem still exists even when I'm using a dummy load connected to the radio with a piece of 50 ohm RG214 (basically 213 with two shield braids instead of one) about 3 feet long into a dummy load.

Thanks for your reply.

73! Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@...> wrote:
>
> You say 75 ohm coax what kind of 75ohm coax are you using? Most RG6 coax's are made for TV reception to RF transmission at the 100W level since the shield is aluminum it is hard to get the shield grounded properly. Try 50ohm coax since that is what the radio output is designed for.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> >
> >
> >
> >
> > I forgot to add:
> > -Adjusting the POWER ring behind the MIC GAIN dial does not have much effect on the problem, except to decrease the power being output while the noise is occurring.
> >
> > -One of my first tries to fix this was to eliminate RF feeding back. So, I grounded, toroided, torroided again, grounded again, my power, mic, cw key, etc., removed everything but the power, and antenna wires which were toroid-encrusted and (power, anyway,) only 10" long from ps52 to rig... and, the problem still exists even with dummy load.
> >
> > -My antennas match 1.5 to 1 (75 ohm coax) without tuner, almost across their entire respective band (20 + 40) and match totally flat with the tuner throughout their respective band and on others.
> >
> > -I've pretty much isolated the microphonic cap to the area around the voice synth. / recorder / CAR board area, near the rear left of the rig. I will update this post as soon

as I find the component responsible.
> >
> > Thank-you very much for the responses I've already gotten!
> >
> > 73! -Rob, VA3GRU.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> > >
> > > So, as I began to touch on in my S-meter related post, here is a more detailed synopsis of the problem that I'm having with tx'ing on SSB:
> > >
> > > The rig functions fine, regardless of settings in AM and FM, as far as I can tell by observation and listening on my little Alinco DJ-G7t. It seems to function fine in SSB when the processor is OFF, with high boost on or off, regardless of mic level (0 to full), even getting "good audio" reports.
> > >
> > > The rig will operate fine, with or without high boost, as long as the mic gain is kept from 0 to just under 4. Speaking into the mic gives full ALC range (red bar and a bit beyond) deflection without the processor, and beyond full when the processor is on, and I watch my mic gain.
> > >
> > > My problem starts when the rig is in SSB and the processor is on, whenever the mic gain goes above just under the 4 mark.
> > >
> > > Once I go above just below 4 with my mic gain - 4 is where the prob. starts to occur, with the problem getting worse and worse as you go up from 4 to full - a kind of "feedback" (I call it this because of the behavior of the problem, not the sound that is produced) begins to occur.
> > >
> > > The problem noise maxes out the output power indicator to full (just beyond 100W mark) then backs off a bit, kind of going "shooosh, shooosh, shooosh" over and over about twice or so a second, with a sound that's not unlike the sound of arcing in an air-variable plate capacitor being fed too much power, except that it's more "muffled".
> > >
> > > The sound can be heard coming from the radio's speaker a little bit. When I disconnected the speaker from the rig, the sound disappears but the problem remains.
> > >
> > > When the problem is happening and I speak into the microphone, the power output / ALC responds correctly, with my voice being heard normally (except for a little distortion) via the MONI with headphones on. I don't have an SSB capable receiver, so I can't hear what makes it out of the radio, but I can see via the meter and hear via the MONI that the noise does seem to make it out of the rig.
> > >
> > > Once I stop speaking, the problem returns gradually, taking about a full second to get back to the pinned meter, "shooosh, shooosh, shooosh" level, until I resume speaking.
> > >
> > > The position of the processor knob has some bearing on how high the mic gain has to be set in order to initiate this feedback, and how intensely the problem manifests is slightly altered but even with the processor dial at zero, the problem still occurs, just taking a little bit more mic gain to get it to act as strongly as I described above.

> > >
> > > I changed mics and there is some difference in the level required to initiate the problem effect, but even without a mic connected, simply engaging the REC/SEND button while PROC is engaged and mic gain just above 4 causes the same thing.
> > >
> > > Also, there appears to be a "microphonic" component in the left, rear, upper (I think) section of the rig that causes tapping on the case of the radio in that area to be reproduced in the TX / MONI audio, even when no mic is connected. This leads me to believe that a bad cap somewhere may be the root of this problem, so this has been the initial focus of my (fruitless) initial inspection of the rig so far. Not seeing anything out of the ordinary, (except that the CAR board with the DDS chips on it that is just under the voice synth. and recorder modules, has had some caps replaced, including evidence of minimal corrosion damage having been repaired,) I am not able to further identify any potential cause visually.
> > >
> > > I am currently doing some further investigation inside the rig, looking through the various boards a bit more closely, and tap-testing for microphonic caps, and inspecting for any other unusual things. If any progress is made with this, I'll immediately update this post.
> > >
> > >
> > > I don't know what is going on with this thing.
> > >
> > > Like I said, the rig operates OK as long as I'm careful with the mic gain. I can even run the processor, and have been getting good audio reports!
> > >
> > > Any help or suggestions for troubleshooting and/or accounts of similar experiences that have since been ameliorated are very much appreciated.
> > >
> > > Thanks for having read this far, and in advance for any help that may be provided.
> > >
> > > 73!
> > > -Rob, VA3GRU.
> > >
> >
>

12203. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 22:00:03 UTC
From: va3gru
Topic: 12182 Message: 12203

Thanks to you and all who have replied! Now I know how the S-Meter's deflection is generated and that it's being totally disengaged in AGC OFF mode is no problem, but normal (albeit counterintuitive) operation of the radio.

OK, Kevin: I see that by adding a mod that simply "taps" the front end would give a linear scale reading with little variance, but one could then create a rather simple circuit to allow for this to create logarithmic output, similar to what is produced by the AGC-based S-Meter, via an additional independent (PIC-based, maybe??) circuit?

I also see that since in FM mode, AGC is not used to measure the signal and the AGC OFF position allows for S-Meter operation, to implement such a mod would be more complicated than just adding this circuit to the AGC OFF position. I suppose one could create a bypass circuit that disengages the mod circuit and returns the AGC OFF position to use by the FM side of the rig...

Anyway, it certainly is beginning to sound far more complicated than anything I think I would try and attempt... maybe someone a little braver and with test equipment should have at it! ;-)

I do still wonder why Kenwood thought people would not want to see signal strength in SSB or AM reflected on the S-Meter when the AGC selector is in the OFF position?

Thanks to everyone who has replied!

73! -Rob, VA3GRU.
--- In TS-850_450_690@yahoogroups.com, "kkyahoo" <kkyahoo@...> wrote:
>
> Rob,
>
> The problem is the meter works off the agc voltage so if you switch the agc off, the meter will not read sensibly. The only reason the S meter has the characteristic that it does, in terms of deflection for a given input signal strength, is because of the closed loop characteristic of the rf/if stages and the agc system. Switch the agc off and you would be running the full gain of the RX into the meter essentially. You would then have a different reading for a given rf input signal with agc on or off. More importantly the range over which the meter would work would be tiny. It's characteristic would be pretty linear with agc off and logarithmic with agc on.
>
> Agc is switched off in FM mode and the meter is operative but driven differently, its deflection law is totally different from that which you see with agc on. In AM, with agc on, my 850 requires 20mV for 60 over 9, whereas in FM the same deflection is achieved at just 18uV. You could do some mods to the set to have the S meter on when the agc is off in AM and SSB but it's not going to be very useful because of this.
>
>
> Kevin

> ----- Original Message -----
> From: va3gru
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, June 13, 2013 12:24 AM
> Subject: [TS-850_450_690] Re: S-meter does not work in AGC-off position?!?
>
>
>
>
>
> Hi, and thanks for the reply.
>
> OK, now looking at the meter's displayed information as being created by a measurement of how much the AGC circuit is kicking in and not by a direct sampling of how many uV/S-units of incoming signal make it into the front end from the antenna, I guess my question should now be: why, if the S-Meter reading is created by measuring how much the AGC circuit is being engaged instead of measuring the raw incoming signal, is there a position on the AGC selector that makes it so the receiver's ability to measure the incoming signal gets disabled? ...especially with the AGC is disengaged!! Wouldn't it make better sense to have a circuit at the OFF position that lets the s-meter measure how much / how strong of an incoming signal appears at the front end independent of AGC action?
>
> TNX AGN, 73! -Rob, VA3GRU.
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > AGC, Automatic Gain Control. The s-meter indicates the activity of the AGC. If it's turned off nothing to show, the gain level is fixed.
> >
> > Read the owners manual for operation of the Mic Gain and Processor controls. You're not adjusting them correctly.
> >
> > Q49 is either inline or out of line on all bands, it is not band specific and can't be turned off or on by the operator.
> >
> > Clif
> >
> > --- In TS-850_450_690@...m, "va3gru" <rob@> wrote:
> > >
> > > Hi. I purchased my 850 a few months ago, and overall it's a great rig - I made enough contacts for WAC in just over a week with this rig and coaxial dipoles on 20 and 40. However, there are a couple of quirks that need to be addressed.
> > >
> > > I have had a few kenwood rigs over the years: 120, 520, 530 gold line, 430, 450 and now the 850, so I base my observations and comparisons on what I recall of the functioning of these radios.
> > >
> > > This post will deal with the S-Meter problem, but will touch on the other problem I'm having, just incase they have something to do with each other, but I will make other posts

for them specifically.
> > >
> > > My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but does not work in the AGC off position. I mean FLAT and NO movement at all! Any help with potential causes or troubleshooting suggestions are very appreciated. There are a couple of other quirks with this radio as well: When I tx without processor, with or without high-boost, everything is fine, mic gain dial set anywhere from 0 to full. However, when I tx with my Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird sound - not unlike the sound arcing in an air variable capacitor makes when a tuner is being fed too much power - invariably results. My first investigations were to rule out arcing.
> > >
> > > Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare it to what I remember of my 450 on the same antenna.
> > >
> > > Please, any help, info or suggestions for troubleshooting and investigating the cause of this problem is very much appreciated.
> > >
> > > Tnx, 73! Rob VA3GRU.
> > >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

12204. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 22:15:14 UTC
From: va3gru
Topic: 12182 Message: 12204

Hi, Clif:

I get about 110 watts out at just before 12 o'clock into a dummy load.

There is no problem in CW, AM or FM, as far as I can tell, using my HT as the receiver. Problem exists only in SSB mode, when mic gain is above 4 and processor is on at any level, with or without high boost. There is also a microphonic component somewhere in the rear left of the radio, in the area of the CAR board. From what I see, the caps on the CAR board have all been replaced. For that mater, my 850 is a 60 mil + serial number, so if I recall correctly both the DDS chip and leaky cap problem(s) should not be affecting it! The DDS chips are the newer number ones, so either someone preemptively changed the caps needlessly, or it is a CAR board from an older 850...

Anyway, thanks for the reply!

73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> A basic question? Put the radio on 20m into a dummy load and set to CW mode. Adjust the Pwr and Car knobs to max. What is the power out? It should be 100-105w. If so back off the Car control and watch the ALC meter. It should be at max ALC range at abt 12 o'clock and the power should still be 100w.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> >
> > Hi. The mic gain works like normal when using the processor. Mic gain is disabled in FM mode only.
> >
> > 73! -Rob, VA3GRU.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, WB4CIW@ wrote:
> > >
> > > As I recall, with the 850 and 870, when you turn your processor on, the mic
> > > gain no longer functions.
> > > If you correctly adjust your rig for best processor audio keeping the ALC
> > > well within the "confines" of the ALC arc, you should have excellent audio
> > > and won't have to even touch the mic gain.
> > > Frank
> > > wb4ciw
> > >
> > > In a message dated 6/10/2013 10:49:43 P.M. Mountain Daylight Time,
> > > rob@ writes:

> > >
> > > Hi. I purchased my 850 a few months ago, and overall it's a great rig - I
> > > made enough contacts for WAC in just over a week with this rig and coaxial
> > > dipoles on 20 and 40. However, there are a couple of quirks that need to
> > > be addressed.
> > >
> > > I have had a few kenwood rigs over the years: 120, 520, 530 gold line,
> > > 430, 450 and now the 850, so I base my observations and comparisons on what I
> > > recall of the functioning of these radios.
> > >
> > > This post will deal with the S-Meter problem, but will touch on the other
> > > problem I'm having, just incase they have something to do with each other,
> > > but I will make other posts for them specifically.
> > >
> > > My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but
> > > does not work in the AGC off position. I mean FLAT and NO movement at
> > > all! Any help with potential causes or troubleshooting suggestions are very
> > > appreciated. There are a couple of other quirks with this radio as well:
> > > When I tx without processor, with or without high-boost, everything is fine,
> > > mic gain dial set anywhere from 0 to full. However, when I tx with my
> > > Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird
> > > sound - not unlike the sound arcing in an air variable capacitor makes
> > > when a tuner is being fed too much power - invariably results. My first
> > > investigations were to rule out arcing.
> > >
> > > Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare
> > > it to what I remember of my 450 on the same antenna.
> > >
> > > Please, any help, info or suggestions for troubleshooting and
> > > investigating the cause of this problem is very much appreciated.
> > >
> > > Tnx, 73! Rob VA3GRU.
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > THANKS FOR USING TS-850_450_690@! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

12205. Re: "Feedback" type noise occurs when processor is engaged, mic. gain => 4

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 22:18:01 UTC
From: va3gru
Topic: 12186 Message: 12205

Yeah, they did, and it was one of the first things I tried to eliminate, plus same problem exists into dummy load.

73! -Rob, VA3GRU.

--- In TS-850_450_690@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> Maybe someone already said this but sounds like RF feedback????????
>
> Steve, N4JQQ
>
>
> On 6/12/2013 3:39 PM, va3gru wrote:
> >
> > So, as I began to touch on in my S-meter related post, here is a more
> > detailed synopsis of the problem that I'm having with tx'ing on SSB:
> >
> > The rig functions fine, regardless of settings in AM and FM, as far as
> > I can tell by observation and listening on my little Alinco DJ-G7t. It
> > seems to function fine in SSB when the processor is OFF, with high
> > boost on or off, regardless of mic level (0 to full), even getting
> > "good audio" reports.
> >
> > The rig will operate fine, with or without high boost, as long as the
> > mic gain is kept from 0 to just under 4. Speaking into the mic gives
> > full ALC range (red bar and a bit beyond) deflection without the
> > processor, and beyond full when the processor is on, and I watch my
> > mic gain.
> >
> > My problem starts when the rig is in SSB and the processor is on,
> > whenever the mic gain goes above just under the 4 mark.
> >
> > Once I go above just below 4 with my mic gain - 4 is where the prob.
> > starts to occur, with the problem getting worse and worse as you go up
> > from 4 to full - a kind of "feedback" (I call it this because of the
> > behavior of the problem, not the sound that is produced) begins to occur.
> >
> > The problem noise maxes out the output power indicator to full (just
> > beyond 100W mark) then backs off a bit, kind of going "shooosh,
> > shooosh, shooosh" over and over about twice or so a second, with a
> > sound that's not unlike the sound of arcing in an air-variable plate
> > capacitor being fed too much power, except that it's more "muffled".
> >
> > The sound can be heard coming from the radio's speaker a little bit.

> > When I disconnected the speaker from the rig, the sound disappears but
> > the problem remains.
> >
> > When the problem is happening and I speak into the microphone, the
> > power output / ALC responds correctly, with my voice being heard
> > normally (except for a little distortion) via the MONI with headphones
> > on. I don't have an SSB capable receiver, so I can't hear what makes
> > it out of the radio, but I can see via the meter and hear via the MONI
> > that the noise does seem to make it out of the rig.
> >
> > Once I stop speaking, the problem returns gradually, taking about a
> > full second to get back to the pinned meter, "shooosh, shooosh,
> > shooosh" level, until I resume speaking.
> >
> > The position of the processor knob has some bearing on how high the
> > mic gain has to be set in order to initiate this feedback, and how
> > intensely the problem manifests is slightly altered but even with the
> > processor dial at zero, the problem still occurs, just taking a little
> > bit more mic gain to get it to act as strongly as I described above.
> >
> > I changed mics and there is some difference in the level required to
> > initiate the problem effect, but even without a mic connected, simply
> > engaging the REC/SEND button while PROC is engaged and mic gain just
> > above 4 causes the same thing.
> >
> > Also, there appears to be a "microphonic" component in the left, rear,
> > upper (I think) section of the rig that causes tapping on the case of
> > the radio in that area to be reproduced in the TX / MONI audio, even
> > when no mic is connected. This leads me to believe that a bad cap
> > somewhere may be the root of this problem, so this has been the
> > initial focus of my (fruitless) initial inspection of the rig so far.
> > Not seeing anything out of the ordinary, (except that the CAR board
> > with the DDS chips on it that is just under the voice synth. and
> > recorder modules, has had some caps replaced, including evidence of
> > minimal corrosion damage having been repaired,) I am not able to
> > further identify any potential cause visually.
> >
> > I am currently doing some further investigation inside the rig,
> > looking through the various boards a bit more closely, and tap-testing
> > for microphonic caps, and inspecting for any other unusual things. If
> > any progress is made with this, I'll immediately update this post.
> >
> > I don't know what is going on with this thing.
> >
> > Like I said, the rig operates OK as long as I'm careful with the mic
> > gain. I can even run the processor, and have been getting good audio
> > reports!
> >
> > Any help or suggestions for troubleshooting and/or accounts of similar
> > experiences that have since been ameliorated are very much appreciated.

> >
> > Thanks for having read this far, and in advance for any help that may
> > be provided.
> >
> > 73!
> > -Rob, VA3GRU.
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

12206. I Need A Kenwood TS-850S Service Manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-13 22:45:40 UTC
From: va3gru
Topic: 12206 Message: 12206

Hi. I need a copy of the Kenwood TS-850 Service Manual in hard copy paper form or a .PDF one that has good, high-resolution schematics. One that's text-searchable is preferred but legible schematics are necessary.

I have found some and downloaded them from various sites, but they all have had very poor quality scans of the schematics that were impossible to print and put together into a reasonable approximation of the original. Even if I could get a better scan of the schematics alone, I could make due.

Please get in touch if you happen to have a spare hard copy one you don't need that you would part with for a reasonable price, or if you would be willing to do a good, high-res scan of yours, including the schematics: I would be *very* grateful.

I have seen them on ebay from time to time, but they are asking an arm and a leg...

Thanks & 73! - Rob, VA3GRU.

12207. Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-14 01:50:14 UTC
From: avvidclif
Topic: 12182 Message: 12207

Read my question again. Max power out with Car and Pwr to max.

Clif

--- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@...> wrote:
>
>
>
> Hi, Clif:
>
> I get about 110 watts out at just before 12 o'clock into a dummy load.
>
> There is no problem in CW, AM or FM, as far as I can tell, using my HT as the receiver. Problem exists only in SSB mode, when mic gain is above 4 and processor is on at any level, with or without high boost. There is also a microphonic component somewhere in the rear left of the radio, in the area of the CAR board. From what I see, the caps on the CAR board have all been replaced. For that mater, my 850 is a 60 mil + serial number, so if I recall correctly both the DDS chip and leaky cap problem(s) should not be affecting it! The DDS chips are the newer number ones, so either someone preemptively changed the caps needlessly, or it is a CAR board from an older 850...
>
> Anyway, thanks for the reply!
>
> 73! -Rob, VA3GRU.
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > A basic question? Put the radio on 20m into a dummy load and set to CW mode. Adjust the Pwr and Car knobs to max. What is the power out? It should be 100-105w. If so back off the Car control and watch the ALC meter. It should be at max ALC range at abt 12 o'clock and the power should still be 100w.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "va3gru" <rob@> wrote:
> > >
> > > Hi. The mic gain works like normal when using the processor. Mic gain is disabled in FM mode only.
> > >
> > > 73! -Rob, VA3GRU.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, WB4CIW@ wrote:
> > > >
> > > > As I recall, with the 850 and 870, when you turn your processor on, the mic

> > > > gain no longer functions.
> > > > If you correctly adjust your rig for best processor audio keeping the ALC
> > > > well within the "confines" of the ALC arc, you should have excellent audio
> > > > and won't have to even touch the mic gain.
> > > > Frank
> > > > wb4ciw
> > > >
> > > > In a message dated 6/10/2013 10:49:43 P.M. Mountain Daylight Time,
> > > > rob@ writes:
> > > >
> > > > Hi. I purchased my 850 a few months ago, and overall it's a great rig - I
> > > > made enough contacts for WAC in just over a week with this rig and coaxial
> > > > dipoles on 20 and 40. However, there are a couple of quirks that need to
> > > > be addressed.
> > > >
> > > > I have had a few kenwood rigs over the years: 120, 520, 530 gold line,
> > > > 430, 450 and now the 850, so I base my observations and comparisons on what I
> > > > recall of the functioning of these radios.
> > > >
> > > > This post will deal with the S-Meter problem, but will touch on the other
> > > > problem I'm having, just incase they have something to do with each other,
> > > > but I will make other posts for them specifically.
> > > >
> > > > My 1st problem is this: My s-meter works fine in AGC Fast, Med & Slow but
> > > > does not work in the AGC off position. I mean FLAT and NO movement at
> > > > all! Any help with potential causes or troubleshooting suggestions are very
> > > > appreciated. There are a couple of other quirks with this radio as well:
> > > > When I tx without processor, with or without high-boost, everything is fine,
> > > > mic gain dial set anywhere from 0 to full. However, when I tx with my
> > > > Proc. on, I can't turn my mic gain up beyond 3 (10 o'clock position) or a weird
> > > > sound - not unlike the sound arcing in an air variable capacitor makes
> > > > when a tuner is being fed too much power - invariably results. My first
> > > > investigations were to rule out arcing.
> > > >
> > > > Also, (possibly Q49?) rx above 20m sounds deaf, especially when I compare
> > > > it to what I remember of my 450 on the same antenna.
> > > >
> > > > Please, any help, info or suggestions for troubleshooting and
> > > > investigating the cause of this problem is very much appreciated.
> > > >
> > > > Tnx, 73! Rob VA3GRU.
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > THANKS FOR USING TS-850_450_690@! Groups Links
> > > >
> > > >
> > > >

> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

12208. Re: [TS-850_450_690] Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-14 02:44:51 UTC
From: Tom Osborne
Topic: 12197 Message: 12208

I have bought some things from Chinese vendors and so far so good. Some of their stuff is pretty cheap, so I figured I wouldn't be out much if I didn't get it.

I buy lottery tickets, but never get anything from those :-) 73
Tom W7WHY

I've made inquiries with a number of Chinese venders and several also claim to have the chips. But something about the E-mail exchanges made me suspicious. I couldn't put my finger on it, but I decided NOT to order from them. My recommendation at this point is to find a parts radio with the newer chips.

Eric N7DLV

12209. Re: [TS-850_450_690] YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-14 03:34:51 UTC
From: Gary K9GS
Topic: 12197 Message: 12209

I'm in the electronics manufacturing business. These non-franchised distributors are what is known in the business as "component brokers".

Some of the component brokers carry inventory of difficult to find parts but many do not. When they receive an inquiry from someone (you) looking for a part then start looking. The legitimate ones have extensive contacts in the business and will test and verify the parts they find before they send them to you.

The illegitimate ones, MOST of the places you find when you Google a part number as you did, will find some parts in the same package style and remark them. What you end up with is a large quantity of VERY expensive counterfeit parts and no way to recover your money. Counterfeit components is BIG business in certain parts of the world such as China.

This part specifically? It was custom made for Kenwood. If Kenwood is out of parts the only ones you'll find are counterfeit or ones removed from boards. It's highly UNLIKELY you'll find parts removed from boards because (1) there is a VERY limited supply of boards and most get sold as whole boards, (2) there is no market for these parts other than the ham radio community and that market isn't worth the trouble.

On 6/13/2013 10:07 AM, va3ut wrote:
>
> My 850 has a problem with the DDS chip and I was checking if I can
> find a part on-line. I came across with some Chinese chip vendors and
> few of them claim that they have this part but none of them wants to
> send any picture of it. I am wondering if it is safe to order from
> these vendors.
>
> Thanks.
>
> Chris AD1AD (ex. VA3UT)
>
>

--

73,

Gary K9GS

Greater Milwaukee DX Association: http://www.gmdxa.org
Society of Midwest Contesters: http://www.w9smc.com
CW Ops #1032 http://www.cwops.org

****

12210. RE: [TS-850_450_690] Re: S-meter does not work in AGC-off position?!?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-14 10:11:48 UTC
From: k4pdm
Topic: 12182 Message: 12210

It is not just Kenwood. All the Japanese manufacturers do it this way.

Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

12211. CAT not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-14 20:21:33 UTC
From: Tom Osborne
Topic: 12211 Message: 12211

Hi All

The CAT control on my TS-450 just quit working. I'd like to check this out, but don't know where to start. What would be the first thing to check.

I know the cable is good because it works on my other '450.

Thanks and 73
Tom W7WHY

12212. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-14 20:04:40 UTC
From: Eric
Topic: 12197 Message: 12212

I am glad I didn't pull the trigger and did not place an order. I have a CAR UNIT board with three YM66312 chips and 1 YM6631 Chip. I had already removed the old chip, cleaned the board and replaced all the caps. I think I'll reinstall the old chip and see if it works.

-- In TS-850_450_690@yahoogroups.com, Gary K9GS <garyk9gs@...> wrote:
>

12213. TS- 450s and psk31

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-15 19:08:02 UTC
From: Jim Armstrong
Topic: 12213 Message: 12213

I have successfully connected my 450s to my laptop with a cat cable. I have control of the radio with the computer usinf HRD. My question: When transmitting psk31, can I transmit the sounds to the radio through the cable, or is the radio's mike the only way to get the tones on the air? So far, I have not found a menu option that lets me do it.

Jim

Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

12214. Re: [TS-850_450_690] TS- 450s and psk31

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-15 22:25:34 UTC
From: John Miller
Topic: 12213 Message: 12214

For PSK31 you need to do it through the mic jack or the the 13 pin acc2 jack on the back.
John N1UMJ
----- Original Message -----
From: Jim Armstrong
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 15, 2013 3:08 PM
Subject: [TS-850_450_690] TS- 450s and psk31

I have successfully connected my 450s to my laptop with a cat cable. I have control of the radio with the computer usinf HRD. My question: When transmitting psk31, can I transmit the sounds to the radio through the cable, or is the radio's mike the only way to get the tones on the air? So far, I have not found a menu option that lets me do it.

Jim

Sent from Yahoo! Mail on Android

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12215. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 00:33:22 UTC
From: villy.madsen
Topic: 12197 Message: 12215

--- In TS-850_450_690@yahoogroups.com, "Eric" <n7dlv@...> wrote:
>
> I am glad I didn't pull the trigger and did not place an order. I have a CAR UNIT board with three YM66312 chips and 1 YM6631 Chip. I had already removed the old chip, cleaned the board and replaced all the caps. I think I'll reinstall the old chip and see if it works.
>
> -- In TS-850_450_690@yahoogroups.com, Gary K9GS <garyk9gs@> wrote:
> >
>

Eric

If I remember correctly, I go the impression that one of the chips is only used for FM. I'm sure that Clif could validate that.
If so, then you should be able to pull the FM chip and re-use it somewhere else...

Villy VE6SQ

12216. Re: TS- 450s and psk31

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 16:29:28 UTC
From: EdwinB
Topic: 12213 Message: 12216

I use the ACC2 jack as the audio comes in after the mic gain pot so the audio level is controlled entirely by the computer gain setting. This also leaves the rig ready for normal (voice) operation at any time.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "John Miller" <n1umjjohn@...> wrote:
>
> For PSK31 you need to do it through the mic jack or the the 13 pin acc2 jack on the back.
> John N1UMJ
> ----- Original Message -----
> From: Jim Armstrong
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, June 15, 2013 3:08 PM
> Subject: [TS-850_450_690] TS- 450s and psk31
>
>
>
> I have successfully connected my 450s to my laptop with a cat cable. I have control of the radio with the computer usinf HRD. My question: When transmitting psk31, can I transmit the sounds to the radio through the cable, or is the radio's mike the only way to get the tones on the air? So far, I have not found a menu option that lets me do it.
>
> Jim
>
> Sent from Yahoo! Mail on Android
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

12217. Re: CAT not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 16:28:21 UTC
From: Jack Welch
Topic: 12211 Message: 12217

Hi Tom,

If the computer is okay, comm parameters are set correctly and the cable is known to be good, must be something in the radio. For me, it was the 7404 hex inverter chip on the digital board. See http://blog.templaro.com/?p=1123

73

Jack AI4SV

[Non-text portions of this message have been removed]

12218. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 17:56:55 UTC
From: avvidclif
Topic: 12197 Message: 12218

DDS IC's functions;

IC1 is the VFO
IC2 is the Het Osc
IC4 is the Car Osc

These three are required for the radio to operate. Realize also that the DDS IC's are 2 parts. For some of the above they operate on one frequency for rx and a different one for tx depending on mode.

IC3 has 3 functions depending on mode.
In SSB it generates the Monitor Carrier for the Monitor function to work
In CW it generates the CW sidetone that is heard in the speaker
In FM it generates the Sub-Audible tone for repeaters

As you can see the radio will function without IC3 but missing some capabilities.

Clif

--- In TS-850_450_690@yahoogroups.com, "villy.madsen" <Villy.Madsen@...> wrote:
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Eric" <n7dlv@> wrote:
> >
> > I am glad I didn't pull the trigger and did not place an order. I have a CAR UNIT board with three YM66312 chips and 1 YM6631 Chip. I had already removed the old chip, cleaned the board and replaced all the caps. I think I'll reinstall the old chip and see if it works.
> >
> > -- In TS-850_450_690@yahoogroups.com, Gary K9GS <garyk9gs@> wrote:
> > >
> > >
> >
> >
> > Eric
> >
> > If I remember correctly, I go the impression that one of the chips is only used for FM. I'm sure that Clif could validate that.
> > If so, then you should be able to pull the FM chip and re-use it somewhere else...
> >
> > Villy VE6SQ
> >

12219. Re: [TS-850_450_690] Re: TS- 450s and psk31

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 21:19:38 UTC
From: John Miller
Topic: 12213 Message: 12219

As do I, I've done it both ways but much prefer using the signalink USB and plugging it in to the back of my radios.
----- Original Message -----
From: EdwinB
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 16, 2013 12:29 PM
Subject: [TS-850_450_690] Re: TS- 450s and psk31

I use the ACC2 jack as the audio comes in after the mic gain pot so the audio level is controlled entirely by the computer gain setting. This also leaves the rig ready for normal (voice) operation at any time.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, "John Miller" <n1umjjohn@...> wrote:
>
> For PSK31 you need to do it through the mic jack or the the 13 pin acc2 jack on the back.
> John N1UMJ
> ----- Original Message -----
> From: Jim Armstrong
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, June 15, 2013 3:08 PM
> Subject: [TS-850_450_690] TS- 450s and psk31
>
>
>
> I have successfully connected my 450s to my laptop with a cat cable. I have control of the radio with the computer usinf HRD. My question: When transmitting psk31, can I transmit the sounds to the radio through the cable, or is the radio's mike the only way to get the tones on the air? So far, I have not found a menu option that lets me do it.
>
> Jim
>
> Sent from Yahoo! Mail on Android
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

12220. Re: [TS-850_450_690] Re: CAT not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 23:12:05 UTC
From: Tom Osborne
Topic: 12211 Message: 12220

Thanks Jack - I'll check that out. 100% sure it is in the radio becsue the cable works on my other '450. 73
Tom W7WHY

Hi Tom,

If the computer is okay, comm parameters are set correctly and the cable is known to be good, must be something in the radio. For me, it was the 7404 hex inverter chip on the digital board. See http://blog.templaro.com/?p=1123

73

Jack AI4SV

[Non-text portions of this message have been removed]

12221. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-16 23:36:44 UTC
From: Eric
Topic: 12197 Message: 12221

Thanks to all that have responded. The chip in question is IC4. The board came from a parts radio that was given to me. The radio had corrosion on the display unit from being used in a marine enviroment. I'll reinstall the chip and put he board in a known working 850 for testing.

N7DLV

12222. TS-450 pll problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-20 20:18:45 UTC
From: john
Topic: 12222 Message: 12222

Hi. I got a ts-450s in a trade that has a pll problem with it. Here goes. The radio will show a 50MHZ read out on the display then it will beep the UL will the pll is unlocked. But the radio will beep when you first turn it on even if you are in the ham bands 10-160 but you don't get the dot's in the ham band..But the big thing is 50MHZ on the read out??? How did they do that???
The radio works on TX and RX but the RX is also abit low and if you let it sit for 10min or so the RX comes up.
Now I have looked at the radio for mods and I see that a mod was done to it and I think it's D27 that they cut but on the front and not the back.
I seen that on pin 9 of the IC7 just above D27 has a cut in it but I don't know if this was done from Kenwood or not and I can't find a good service manual to tell me so.
Does anyone know if this was done by Kenwood or if the person that did the mod sliped and cut it and didn't know they cut it and could this be the problem why i'm having my PLL problem.. I will post a pic of it so you all can see whay i'm talking about.
Thanks for any help.

12223. 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-21 01:31:46 UTC
From: Daniel
Topic: 12223 Message: 12223

Hello all,

I have had this problem for about 6mo to a year now.

My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.

I have searched the net high and low with very few helpful results.

I did find two results that a friend of mine seems to confirm as possibilities.
1: Try retightning the screws on the standoffs for the different boards?
2: The caps in the final output have gone bad?

Sombody else seems to think the bios needs to be realligned?

Any thoughts would be appriciated. I'm fitting not being able to chase DX.

Station is as follows:
-TS 450s
-MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
-Maple Leaf G5RV mini

Dan,
kb8lkh@...

12224. Re: TS-450 pll problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-21 02:34:04 UTC
From: avvidclif
Topic: 12222 Message: 12224

It doesn't have a problem other than being improperly modified.

The 450 and 690 use the same digital unit and a jumper is the difference. Someone cut the wrong thing and now your 450 thinks it's a 690 but shows PLL unlock as the 6m circuitry is not there.

On the low rx replace the leaking cap on the IF unit (C104) and clean the mess off the board and from under the components. It will just get worse and be harder to clean later. Plus destroying traces and thru holes.

Clif

--- In TS-850_450_690@yahoogroups.com, "john" <ve3mph@...> wrote:
>
> Hi. I got a ts-450s in a trade that has a pll problem with it. Here goes. The radio will show a 50MHZ read out on the display then it will beep the UL will the pll is unlocked. But the radio will beep when you first turn it on even if you are in the ham bands 10-160 but you don't get the dot's in the ham band..But the big thing is 50MHZ on the read out??? How did they do that???
> The radio works on TX and RX but the RX is also abit low and if you let it sit for 10min or so the RX comes up.
> Now I have looked at the radio for mods and I see that a mod was done to it and I think it's D27 that they cut but on the front and not the back.
> I seen that on pin 9 of the IC7 just above D27 has a cut in it but I don't know if this was done from Kenwood or not and I can't find a good service manual to tell me so.
> Does anyone know if this was done by Kenwood or if the person that did the mod sliped and cut it and didn't know they cut it and could this be the problem why i'm having my PLL problem.. I will post a pic of it so you all can see whay i'm talking about.
> Thanks for any help.
>

12225. Re: [TS-850_450_690] Re: TS-450 pll problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-21 03:01:34 UTC
From: Ve3mph
Topic: 12222 Message: 12225

I found that there was another chip that looks like it has been replaced its on board number X50-3160-00 and it is IC2 the number that is on the chip is 66312 I don't know I this is the right chip for there.. When I look this IC up in the service manual I do t see it listed for the 450 but do see it listed for the 690..

Sent from my iPod

On 2013-06-20, at 10:34 PM, "avvidclif" <clif@...> wrote:

> It doesn't have a problem other than being improperly modified.
>
> The 450 and 690 use the same digital unit and a jumper is the difference. Someone cut the wrong thing and now your 450 thinks it's a 690 but shows PLL unlock as the 6m circuitry is not there.
>
> On the low rx replace the leaking cap on the IF unit (C104) and clean the mess off the board and from under the components. It will just get worse and be harder to clean later. Plus destroying traces and thru holes.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "john" <ve3mph@...> wrote:
> >
> > Hi. I got a ts-450s in a trade that has a pll problem with it. Here goes. The radio will show a 50MHZ read out on the display then it will beep the UL will the pll is unlocked. But the radio will beep when you first turn it on even if you are in the ham bands 10-160 but you don't get the dot's in the ham band..But the big thing is 50MHZ on the read out??? How did they do that???
> > The radio works on TX and RX but the RX is also abit low and if you let it sit for 10min or so the RX comes up.
> > Now I have looked at the radio for mods and I see that a mod was done to it and I think it's D27 that they cut but on the front and not the back.
> > I seen that on pin 9 of the IC7 just above D27 has a cut in it but I don't know if this was done from Kenwood or not and I can't find a good service manual to tell me so.
> > Does anyone know if this was done by Kenwood or if the person that did the mod sliped and cut it and didn't know they cut it and could this be the problem why i'm having my PLL problem.. I will post a pic of it so you all can see whay i'm talking about.
> > Thanks for any help.
> >
>
>

[Non-text portions of this message have been removed]

12226. Re: TS-450 pll problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-21 03:58:26 UTC
From: john
Topic: 12222 Message: 12226

I have looked at C104 and it looks clean..please see the pic's of it..

--- In TS-850_450_690@yahoogroups.com, Ve3mph <ve3mph@...> wrote:
>
> I found that there was another chip that looks like it has been replaced its on board number X50-3160-00 and it is IC2 the number that is on the chip is 66312 I don't know I this is the right chip for there.. When I look this IC up in the service manual I do t see it listed for the 450 but do see it listed for the 690..
>
> Sent from my iPod
>
> On 2013-06-20, at 10:34 PM, "avvidclif" <clif@...> wrote:
>
> > It doesn't have a problem other than being improperly modified.
> >
> > The 450 and 690 use the same digital unit and a jumper is the difference. Someone cut the wrong thing and now your 450 thinks it's a 690 but shows PLL unlock as the 6m circuitry is not there.
> >
> > On the low rx replace the leaking cap on the IF unit (C104) and clean the mess off the board and from under the components. It will just get worse and be harder to clean later. Plus destroying traces and thru holes.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "john" <ve3mph@> wrote:
> > >
> > > Hi. I got a ts-450s in a trade that has a pll problem with it. Here goes. The radio will show a 50MHZ read out on the display then it will beep the UL will the pll is unlocked. But the radio will beep when you first turn it on even if you are in the ham bands 10-160 but you don't get the dot's in the ham band..But the big thing is 50MHZ on the read out??? How did they do that???
> > > The radio works on TX and RX but the RX is also abit low and if you let it sit for 10min or so the RX comes up.
> > > Now I have looked at the radio for mods and I see that a mod was done to it and I think it's D27 that they cut but on the front and not the back.
> > > I seen that on pin 9 of the IC7 just above D27 has a cut in it but I don't know if this was done from Kenwood or not and I can't find a good service manual to tell me so.
> > > Does anyone know if this was done by Kenwood or if the person that did the mod sliped and cut it and didn't know they cut it and could this be the problem why i'm having my PLL problem.. I will post a pic of it so you all can see whay i'm talking about.
> > > Thanks for any help.
> > >
> >
> >

>
>
> [Non-text portions of this message have been removed]
>

12227. Re: [TS-850_450_690] 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-21 12:13:59 UTC
From: Tom Waraksa
Topic: 12223 Message: 12227

Dan,

Make sure you don't have a bad power supply. Try a different power supply or run off a battery to look for the problem.

Good luck.

73,

Tom AF8P

From: Daniel <kb8lkh@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 20, 2013 9:31 PM
Subject: [TS-850_450_690] 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Hello all,

I have had this problem for about 6mo to a year now.

My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.

I have searched the net high and low with very few helpful results.

I did find two results that a friend of mine seems to confirm as possibilities.
1: Try retightning the screws on the standoffs for the different boards?
2: The caps in the final output have gone bad?

Sombody else seems to think the bios needs to be realligned?

Any thoughts would be appriciated. I'm fitting not being able to chase DX.

Station is as follows:
-TS 450s
-MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
-Maple Leaf G5RV mini

Dan,
kb8lkh@...

[Non-text portions of this message have been removed]

12228. Re: 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-22 08:09:35 UTC
From: poikaa
Topic: 12223 Message: 12228

I am in complete agreement with Tom as this has happened to me with my Kenwood TS-2000. I was using a Kenwood PS-430 and it is too small in the amp supply department and was told about my poor audio and signal. Switching to a Kenwood PS-50 cured the problem and I am hoping the use of the PS-430 did not damage it!

73 Rod KB8DNS

Also make sure your mic batteries are not depleted!

--- In TS-850_450_690@yahoogroups.com, Tom Waraksa <tjwaraksa@...> wrote:
>
> Dan,
>
> Make sure you don't have a bad power supply. Â Try a different power supply or run off a battery to look for the problem.
>
> Good luck.
>
> 73,
>
> Tom AF8P
>
>
> _____
> From: Daniel <kb8lkh@...>
> To: TS-850_450_690@...m
> Sent: Thursday, June 20, 2013 9:31 PM
> Subject: [TS-850_450_690] 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.
>
>
>
> Â
> Hello all,
>
> I have had this problem for about 6mo to a year now.
>
> My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.
>
> I have searched the net high and low with very few helpful results.
>
> I did find two results that a friend of mine seems to confirm as possibilities.
> 1: Try retightning the screws on the standoffs for the different boards?
> 2: The caps in the final output have gone bad?

>
> Sombody else seems to think the bios needs to be realligned?
>
> Any thoughts would be appriciated. I'm fitting not being able to chase DX.
>
> Station is as follows:
> -TS 450s
> -MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
> -Maple Leaf G5RV mini
>
> Dan,
> kb8lkh@...
>
>
>
>
> [Non-text portions of this message have been removed]
>

12229. Re: Make reference to message #12205

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-22 17:30:54 UTC
From: Daniel
Topic: 12223 Message: 12229

Make reference to message #12205. This is almost the exact same problem as I am experiencing. The only difference in #12205 is he experiences the problem only when he has speach compression engahed. I experience the problem anytime I transmit, any mode.

--- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@...> wrote:
>
> Hello all,
>
> I have had this problem for about 6mo to a year now.
>
> My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.
>
> I have searched the net high and low with very few helpful results.
>
> I did find two results that a friend of mine seems to confirm as possibilities.
> 1: Try retightning the screws on the standoffs for the different boards?
> 2: The caps in the final output have gone bad?
>
> Sombody else seems to think the bios needs to be realligned?
>
> Any thoughts would be appriciated. I'm fitting not being able to chase DX.
>
>
> Station is as follows:
> -TS 450s
> -MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
> -Maple Leaf G5RV mini
>
>
> Dan,
> kb8lkh@...
>

12230. Re: 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-22 17:51:26 UTC
From: Daniel
Topic: 12223 Message: 12230

Also regardless of what power setting I set the radio at, this problem occures.

I will be taking radio and power supply over to my friends place this Wed. to begin trouble shooting.

More talks on phone tonight.

--- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@...> wrote:

> Hello all,
>
> I have had this problem for about 6mo to a year now.
>
> My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.
>
> I have searched the net high and low with very few helpful results.
>
> I did find two results that a friend of mine seems to confirm as possibilities.
> 1: Try retightning the screws on the standoffs for the different boards?
> 2: The caps in the final output have gone bad?
>
> Sombody else seems to think the bios needs to be realligned?
>
> Any thoughts would be appriciated. I'm fitting not being able to chase DX.
>
>
> Station is as follows:
> -TS 450s
> -MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
> -Maple Leaf G5RV mini
>
>
> Dan,
> kb8lkh@...
>

12231. Re: 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-23 01:27:20 UTC
From: avvidclif
Topic: 12223 Message: 12231

Describe this oscillation a lot better. Does it make a noise? Does it drop out of tx mode and then go back into it? Since you don't have an ammeter on the supply you need to rig up or use a supply so you can measure the current in tx.

Clif

--- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@...> wrote:
>
>
> Also regardless of what power setting I set the radio at, this problem occures.
>
> I will be taking radio and power supply over to my friends place this Wed. to begin trouble shooting.
>
> More talks on phone tonight.
>
> --- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@> wrote:
>
> > Hello all,
> >
> > I have had this problem for about 6mo to a year now.
> >
> > My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.
> >
> > I have searched the net high and low with very few helpful results.
> >
> > I did find two results that a friend of mine seems to confirm as possibilities.
> > 1: Try retightning the screws on the standoffs for the different boards?
> > 2: The caps in the final output have gone bad?
> >
> > Sombody else seems to think the bios needs to be realligned?
> >
> > Any thoughts would be appriciated. I'm fitting not being able to chase DX.
> >
> >
> > Station is as follows:
> > -TS 450s
> > -MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
> > -Maple Leaf G5RV mini
> >
> >
> > Dan,

> > kb8lkh@
> >
>

12232. Re: 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-23 08:00:00 UTC
From: Daniel
Topic: 12223 Message: 12232

I also use an ameritron atr-8 antenna tuner; but, as I said, this even happens when on an dumby load.

The sound is best described in message #12205. It's like a swooshing sound and a continous tone. This is the best way I can describe the sound.

--- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@...> wrote:
>
> Hello all,
>
> I have had this problem for about 6mo to a year now.
>
> My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.
>
> I have searched the net high and low with very few helpful results.
>
> I did find two results that a friend of mine seems to confirm as possibilities.
> 1: Try retightning the screws on the standoffs for the different boards?
> 2: The caps in the final output have gone bad?
>
> Sombody else seems to think the bios needs to be realligned?
>
> Any thoughts would be appriciated. I'm fitting not being able to chase DX.
>
>
> Station is as follows:
> -TS 450s
> -MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
> -Maple Leaf G5RV mini
>
>
> Dan,
> kb8lkh@...
>

12233. Re: 450s self oscillates USB, LSB, CW, AM, FM when transmitting, even on dumby load.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-23 07:53:18 UTC
From: Daniel
Topic: 12223 Message: 12233

Refer to message #12205. He has almost the same proboem I have, except his only hapoens when he has his speach processor on. Mine happens in transmit, any mode, reguardless of the processor being on or off.

I do have separate amp and volt meters on the front of the power supply.

The rig does not seem to drop out of transmit.

Message #12205 also describes the "oscillation" sound very well.

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Describe this oscillation a lot better. Does it make a noise? Does it drop out of tx mode and then go back into it? Since you don't have an ammeter on the supply you need to rig up or use a supply so you can measure the current in tx.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@> wrote:
> >
> >
> > Also regardless of what power setting I set the radio at, this problem occures.
> >
> > I will be taking radio and power supply over to my friends place this Wed. to begin trouble shooting.
> >
> > More talks on phone tonight.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Daniel" <kb8lkh@> wrote:
> >
> > > Hello all,
> > >
> > > I have had this problem for about 6mo to a year now.
> > >
> > > My 450s makes an oscillating type sound when transmitting any mode antenna or dumby load.
> > >
> > > I have searched the net high and low with very few helpful results.
> > >
> > > I did find two results that a friend of mine seems to confirm as possibilities.
> > > 1: Try retightning the screws on the standoffs for the different boards?
> > > 2: The caps in the final output have gone bad?
> > >
> > > Sombody else seems to think the bios needs to be realligned?
> > >

> > > Any thoughts would be appriciated. I'm fitting not being able to chase DX.
> > >
> > >
> > > Station is as follows:
> > > -TS 450s
> > > -MFJ Adjustable Regulated DC Power Supply (MFJ-4035MV) works fine for my vhf and uhf mobiles
> > > -Maple Leaf G5RV mini
> > >
> > >
> > > Dan,
> > > kb8lkh@
> > >
> >
>

12234. TH-50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-24 18:07:27 UTC
From: Wilson
Topic: 12234 Message: 12234

Does anyone have a junker?
A friend has a “bad IC in the PLL circuits”.
Wilson
W4BOH

[Non-text portions of this message have been removed]

12235. Re: [TS-850_450_690] TH-50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-24 18:36:00 UTC
From: John
Topic: 12234 Message: 12235

What radio????

Sent from my iPod

On 2013-06-24, at 2:07 PM, "Wilson" <infomet@...> wrote:

> Does anyone have a junker?
> A friend has a “bad IC in the PLL circuits”.
> Wilson
> W4BOH
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12236. Re: TH-50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-24 21:11:12 UTC
From: avvidclif
Topic: 12234 Message: 12236

I know what a TH-55 is but not a TH-50. What is the IC?

Clif

--- In TS-850_450_690@yahoogroups.com, "Wilson" <infomet@...> wrote:
>
> Does anyone have a junker?
> A friend has a â□□bad IC in the PLL circuitsâ□□.
> Wilson
> W4BOH
>
> [Non-text portions of this message have been removed]
>

12237. Re: TH-50

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-25 13:04:21 UTC
From: Wilson
Topic: 12234 Message: 12237

DARN, bad typing.
My friend needs a part for a TS-50.
Wilson
W4BOH

[Non-text portions of this message have been removed]

12238. Re: Lithium Battery for the TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-27 01:50:27 UTC
From: yg@...
Topic: 12149 Message: 12238

Is this the same battery that is used on the TS-950SDX? I need two of them... thanks...

Rick WA1RKT

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Allied Electronics PN 70196829
> Kenwood Parts PN W09-0514-05
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "scott10k" <scottandalene@> wrote:
> >
> > What is the proper lithium battery replacement for the TS-450S and where can I buy/order one?
> >
> > thanks and 73s,
> > Scott, N6CIC
> >
>

12239. Behavior of notch control on TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-27 05:47:32 UTC
From: kbmeier
Topic: 12239 Message: 12239

I got a TS-850S about six weeks ago, and I am having a great time with it. The one thing that seems strange to me is the behavior of the notch control. When I have it engaged, it seems like the notch is very wide. It drastically changes the tone of the received audio. I had it in a friend's shack shortly after I got it who was able to connect it to RTTY software on his computer so we could use the waterfall to look at the behavior of the filters. He commented that the notch seemed very wide, but on his two rigs, one has an automatic DSP notch, and the other has no notch at all, so we didn't have anything to compare to. I don't remember how wide it was, but the stripe it left was about a half inch wide on a 6k wide waterfall, so I would guess at least a few hundred hertz.

So, the question is, on a TS-850S, should I expect to have the notch cut most of the highs/mids/lows depending on where it is centered, or should it be less noticable than that?

12240. Re: [TS-850_450_690] Behavior of notch control on TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-06-27 16:15:24 UTC
From: Zack Widup
Topic: 12239 Message: 12240

Yes, I have noticed the same thing. As a result I don't use the notch on the 850 a whole lot. I have never seen a mod to narrow the notch but it may exist. Has anyone seen a mod like that?

73, Zack W9SZ

On Thu, Jun 27, 2013 at 12:47 AM, kbmeier <dudders@...> wrote:

> **
>
>
> I got a TS-850S about six weeks ago, and I am having a great time with it.
> The one thing that seems strange to me is the behavior of the notch
> control. When I have it engaged, it seems like the notch is very wide. It
> drastically changes the tone of the received audio. I had it in a friend's
> shack shortly after I got it who was able to connect it to RTTY software on
> his computer so we could use the waterfall to look at the behavior of the
> filters. He commented that the notch seemed very wide, but on his two rigs,
> one has an automatic DSP notch, and the other has no notch at all, so we
> didn't have anything to compare to. I don't remember how wide it was, but
> the stripe it left was about a half inch wide on a 6k wide waterfall, so I
> would guess at least a few hundred hertz.
>
> So, the question is, on a TS-850S, should I expect to have the notch cut
> most of the highs/mids/lows depending on where it is centered, or should it
> be less noticable than that?
>
>
>

[Non-text portions of this message have been removed]

12241. ts-450 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-07 02:39:55 UTC
From: john
Topic: 12241 Message: 12241

Hi avvidclif I was woundering if you would mind giving out your number so I could give you a call and talk to you about the ts-450 that i'm having problems with that is showing 50mhz read out on it. I you don't mind you can send your number and a good time to call you and if your in the US or Canada I can call you at no charge.. You can email me at ve3mph@.... Thanks for any help and your time you may give me..

12242. Re: [TS-850_450_690] ts-450 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-07 19:08:41 UTC
From: Tony
Topic: 12241 Message: 12242

Hello,

My country is belgium
my nr : +32 471992936
now is a good time

73'
Tony

Op 7/07/2013 4:39, john schreef:
>
> Hi avvidclif I was woundering if you would mind giving out your number
> so I could give you a call and talk to you about the ts-450 that i'm
> having problems with that is showing 50mhz read out on it. I you don't
> mind you can send your number and a good time to call you and if your
> in the US or Canada I can call you at no charge.. You can email me at
> ve3mph@... <mailto:ve3mph%40yahoo.com>.
> Thanks for any help and your time you may give me..
>
>

[Non-text portions of this message have been removed]

12243. Re: [TS-850_450_690] ts-450 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-07 20:07:13 UTC
From: John
Topic: 12241 Message: 12243

Sorry cant call there

Sent from my iPod

On 2013-07-07, at 3:08 PM, Tony <linux210@...> wrote:

> Hello,
>
> My country is belgium
> my nr : +32 471992936
> now is a good time
>
> 73'
> Tony
>
> Op 7/07/2013 4:39, john schreef:
> >
> > Hi avvidclif I was woundering if you would mind giving out your number
> > so I could give you a call and talk to you about the ts-450 that i'm
> > having problems with that is showing 50mhz read out on it. I you don't
> > mind you can send your number and a good time to call you and if your
> > in the US or Canada I can call you at no charge.. You can email me at
> > ve3mph@... <mailto:ve3mph%40yahoo.com>.
> > Thanks for any help and your time you may give me..
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12244. Re: ts-450 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-07 20:11:44 UTC
From: avvidclif
Topic: 12241 Message: 12244

On vacation until Aug 5th. I will answer e-mail when service is available.

Clif

--- In TS-850_450_690@yahoogroups.com, "john" <ve3mph@...> wrote:
>
> Hi avvidclif I was woundering if you would mind giving out your number so I could give you a call and talk to you about the ts-450 that i'm having problems with that is showing 50mhz read out on it. I you don't mind you can send your number and a good time to call you and if your in the US or Canada I can call you at no charge.. You can email me at ve3mph@...
> Thanks for any help and your time you may give me..
>

12245. TS450S No Display except Filter Numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-08 01:53:21 UTC
From: smith9130
Topic: 12245 Message: 12245

Hello, I am having a issue with my TS450S was working ssb and tuned to 14.236 heard a light pop noise and then the display went blank except for the two filter numbers 8.83 and 455 have taken the radio apart to check the battery which was replaced last year by the previous owner the battery checked out at 3.5v checked connectors and for leaking or damaged caps have found C104 on the (If) board to be starting to leak and will be replacing it tomorrow I do not know it this will cause the problem that I have described or not. Has any one else run into this and or have any suggestions on where else to look or go any and help is appreciated Thanks Eugene Smith KK4IAJ kk4iaj@...

12246. Re: TS450S No Display except Filter Numbers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-08 06:21:48 UTC
From: espedito rizzuti
Topic: 12245 Message: 12246

I had a similar problem but theradiomaybe is a ts-850, while running the display went black without providing more 'any information. The cause of 99% was the capacitor c18, is welded behind the display board, by what I remember, you'll find 3 electrolytic capacitors need to check the continuity on the slopes of the board, often with time is altered. dismantling of the display is quite delicate and find an inverter circuit, within the display there is a fluorescent tube or something like that , but that is not the problem, repeat on ts-850, the display is dimmed to 99% causes the capacitor C18 and the ski worn that does not damage the circuit continuity.
73 de ik8vze & ac2lc Espedito Rizzuti

--- In TS-850_450_690@yahoogroups.com, "smith9130" <kk4iaj@...> wrote:
>
> Hello, I am having a issue with my TS450S was working ssb and tuned to 14.236 heard a light pop noise and then the display went blank except for the two filter numbers 8.83 and 455 have taken the radio apart to check the battery which was replaced last year by the previous owner the battery checked out at 3.5v checked connectors and for leaking or damaged caps have found C104 on the (If) board to be starting to leak and will be replacing it tomorrow I do not know it this will cause the problem that I have described or not. Has any one else run into this and or have any suggestions on where else to look or go any and help is appreciated Thanks Eugene Smith KK4IAJ kk4iaj@...
>

12247. TS-690 Side Band Fliters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-10 17:21:39 UTC
From: Thomas
Topic: 12247 Message: 12247

I have a Kenwood TS-690 and would like to install a sideband filter,
after checking the owners manual it says I have two to choose from,
Yk-88S-1 and The 88SN-1 I have a 90 foot folded dipole up 30 feet on all ends, living in the city of Chicago I always has a noise floor of 7 s-units, which of the two filters would help we with the noise floor, were and when and how would I use each filter and how do I test them to see if there are working,

YK-88S-1 has a 2.4 khz band width
YK-88SN-1 has a 1.8 khz band width

Thanks Thomas N9IHZ

12248. Re: [TS-850_450_690] TS-690 Side Band Fliters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-10 20:57:59 UTC
From: Bob Naylor
Topic: 12247 Message: 12248

I thought the YK-88S-1 was a 2.1. Maybe I'm wrong. The other one"YK-88SN-1" is a 1.8 and will lower the noise floor more but you may not like the audio since it sounds pretty "tinny"
Unfortunately the only way to see what works best for you is to try them. Too bad they're not cheap.
I will say one thing, for contesting, the 1.8 will be better.
Bob WE6C

From: Thomas <n9ihz69@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 10, 2013 10:21 AM
Subject: [TS-850_450_690] TS-690 Side Band Fliters

I have a Kenwood TS-690 and would like to install a sideband filter,
after checking the owners manual it says I have two to choose from,
Yk-88S-1 and The 88SN-1 I have a 90 foot folded dipole up 30 feet on all ends, living in the city of Chicago I always has a noise floor of 7 s-units, which of the two filters would help we with the noise floor, were and when and how would I use each filter and how do I test them to see if there are working,

YK-88S-1 has a 2.4 khz band width
YK-88SN-1 has a 1.8 khz band width

Thanks Thomas N9IHZ

[Non-text portions of this message have been removed]

12249. Kenwood TS-690S Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-10 19:03:14 UTC
From: Thomas
Topic: 12249 Message: 12249

Well what a surprise, after opening up the bottom cover of my TS-690-S
there were two filters, a YK-88S-1 and YK-88-SN-1, I bought this radio brand new in the box but I dont recall getting the filters, what do I need to do to turn on the filters and would the YK-88S-1 be 6k on the filter indicator and the YK-88SN-1 be 2.4 k on the filter indicator

Thanks Thomas

12250. Re: [TS-850_450_690] Kenwood TS-690S Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-11 12:51:25 UTC
From: Dave Rust
Topic: 12249 Message: 12250

Thomas is the 6K for AM only? It probably switches to it automatically in AM mode. My guess only.
W0DLR
73

[Non-text portions of this message have been removed]

12251. Re: [TS-850_450_690] Kenwood TS-690S Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-11 14:51:52 UTC
From: N2MHO
Topic: 12249 Message: 12251

Thomas, check the instruction manual, there are menu settings for
activating the optional filters at 8.83 MHz(what you have) and 455kHz.
You can download a manual from Kenwood if you can't find yours.

You could put the yk88s-1 in the "SSB" position, and the yk88sn-1 in "CW."

However, to lower your noise floor more effectively, it might help to
try things like repositioning your antenna, or feeding your speaker
audio through a DSP or other filter that offers "noise cancellation."
I can't recommend a particular brand, perhaps you have local ham
friends from whom you can borrow & test.

Mike, n2mho
****

On Wed, Jul 10, 2013 at 3:03 PM, Thomas <n9ihz69@...> wrote:
>
>
>
> Well what a surprise, after opening up the bottom cover of my TS-690-S
> there were two filters, a YK-88S-1 and YK-88-SN-1, I bought this radio
> brand new in the box but I dont recall getting the filters, what do I need
> to do to turn on the filters and would the YK-88S-1 be 6k on the filter
> indicator and the YK-88SN-1 be 2.4 k on the filter indicator
>
> Thanks Thomas
>

12252. Re: [TS-850_450_690] Kenwood TS-690S Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-11 15:13:12 UTC
From: Bob Naylor
Topic: 12249 Message: 12252

I know on the 850 there's little switches near the filters that activate them. Not sure about the 690 but 99% of all radios from that era work this way.

From: N2MHO <michael.harla@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 11, 2013 7:51 AM
Subject: Re: [TS-850_450_690] Kenwood TS-690S Filters

Thomas, check the instruction manual, there are menu settings for activating the optional filters at 8.83 MHz(what you have) and 455kHz. You can download a manual from Kenwood if you can't find yours.

You could put the yk88s-1 in the "SSB" position, and the yk88sn-1 in "CW."

However, to lower your noise floor more effectively, it might help to try things like repositioning your antenna, or feeding your speaker audio through a DSP or other filter that offers "noise cancellation." I can't recommend a particular brand, perhaps you have local ham friends from whom you can borrow & test.

Mike, n2mho
****

On Wed, Jul 10, 2013 at 3:03 PM, Thomas <n9ihz69@...> wrote:
>
>
>
> Well what a surprise, after opening up the bottom cover of my TS-690-S
> there were two filters, a YK-88S-1 and YK-88-SN-1, I bought this radio
> brand new in the box but I dont recall getting the filters, what do I need
> to do to turn on the filters and would the YK-88S-1 be 6k on the filter
> indicator and the YK-88SN-1 be 2.4 k on the filter indicator
>
> Thanks Thomas
>

[Non-text portions of this message have been removed]

12253. Re: Kenwood TS-690S Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-11 15:44:36 UTC
From: scott10k
Topic: 12249 Message: 12253

Hi Thomas,
Look on the instruction manual and it will explain how to activate the narrow filter using the menus. And yes-it will show 2.4 k on the filter indicator. I have the same with my TS-450SAT, except that I installed a 2.1 KHz INRAD filter.

73s, Scott, N6CIC

--- In TS-850_450_690@yahoogroups.com, "Thomas" <n9ihz69@...> wrote:
>
> Well what a surprise, after opening up the bottom cover of my TS-690-S
> there were two filters, a YK-88S-1 and YK-88-SN-1, I bought this radio brand new in the box but I dont recall getting the filters, what do I need to do to turn on the filters and would the YK-88S-1 be 6k on the filter indicator and the YK-88SN-1 be 2.4 k on the filter indicator
>
> Thanks Thomas
>

12254. TS690S tx on LSB and USB, in the same time

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-13 02:21:47 UTC
From: citre33
Topic: 12254 Message: 12254

Hello Dears OMs,

My Rig is transmitting and receiving in LSB and USB at the same time.
I beleive that is a fault in IC1 or IC2 on IF unit.
Can someone help me with some info?

73 Paulo py2pai

12255. TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-13 03:23:55 UTC
From: Tom Osborne
Topic: 12255 Message: 12255

Hi All

My TS-450 just turned up its toes and died.

I was listening to it and all of a sudden, it sounded just like it didn't have an antenna hooked up any more. No receive or no transmit either - just a lot of white noise like a radio without an antenna.

When playing with some of the controls, the IF shift made no diffence in how the radio sounded. Usually, it goes from a lower to higher pitch when turning the control.

All the filter indications seem to work and the red transmit light comes on, but nothing happens. Maybe that's the end for this good old radio? 73
Tom W7WHY

12256. Re: [TS-850_450_690] TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-13 04:07:35 UTC
From: John
Topic: 12255 Message: 12256

I'm looking for the tuner for it if the price is right..

Sent from my iPod

On 2013-07-12, at 11:23 PM, "Tom Osborne" <w7why@...> wrote:

> Hi All
>
> My TS-450 just turned up its toes and died.
>
> I was listening to it and all of a sudden, it sounded just like it didn't
> have an antenna hooked up any more. No receive or no transmit either - just
> a lot of white noise like a radio without an antenna.
>
> When playing with some of the controls, the IF shift made no diffence in how
> the radio sounded. Usually, it goes from a lower to higher pitch when
> turning the control.
>
> All the filter indications seem to work and the red transmit light comes on,
> but nothing happens. Maybe that's the end for this good old radio? 73
> Tom W7WHY
>
>

[Non-text portions of this message have been removed]

12257. Re: [TS-850_450_690] TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-13 17:18:19 UTC
From: Tom Osborne
Topic: 12255 Message: 12257

HI John

It doesn't work either. Think maybe it's time to put it to pasture. 73
Tom W7WHY

>I'm looking for the tuner for it if the price is right..

12258. Re: [TS-850_450_690] TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-13 20:09:40 UTC
From: Ve3mph
Topic: 12255 Message: 12258

What would you be looking for the tuner out of it??

Sent from my iPod

On 2013-07-13, at 1:18 PM, "Tom Osborne" <w7why@...> wrote:

> HI John
>
> It doesn't work either. Think maybe it's time to put it to pasture. 73
> Tom W7WHY
>
> >I'm looking for the tuner for it if the price is right..
>
>

[Non-text portions of this message have been removed]

12259. Re: TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-13 22:59:54 UTC
From: avvidclif
Topic: 12255 Message: 12259

With no power out the tuner WILL not work.

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI John
>
> It doesn't work either. Think maybe it's time to put it to pasture. 73
> Tom W7WHY
>
>
>
> >I'm looking for the tuner for it if the price is right..
>

12260. Re: [TS-850_450_690] Re: TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-14 02:30:30 UTC
From: Tom Osborne
Topic: 12255 Message: 12260

It was not working before the transmitter quit. It's been not working for quite a while. 73
Tom W7WHY

>With no power out the tuner WILL not work.

12261. Re: [TS-850_450_690] Re: TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-14 03:33:33 UTC
From: Chris
Topic: 12255 Message: 12261

It sounds like the same issue that I had with TS-850S. This must be a notorious DDS chip failure. Try AM reception by tuning to a broadcast station. If it works but you can't hear anything in SSB mode, one of four DDS chip in the CAR board died. This particular chip is used for SSB product detector, so the VFO works as well as AM or FM reception but no transmit in any mode. I don't know how it affect the transmitter, that was what I got when it happened. I am no expert, though.

450 and 850 use the same DDS chips, and these chips are nearly impossible to get unless you salvage from another CAR board. You either can sell it as a part radio or use it as a nice AM receiver. If you like the radio, then you can just keep it for future repair.

Chris AD1AD

On Sat, Jul 13, 2013 at 10:30 PM, Tom Osborne <w7why@frontier.com> wrote:

> **
>
>
> It was not working before the transmitter quit. It's been not working for
> quite a while. 73
> Tom W7WHY
>
>
> >With no power out the tuner WILL not work.
>
>
>

--
The whole problem with the world is that fools and fanatics are always so certain of themselves, but wiser people so full of doubts.

[Non-text portions of this message have been removed]

12262. Re: [TS-850_450_690] Re: TS-450 just died

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-14 16:26:32 UTC
From: Tom Osborne
Topic: 12255 Message: 12262

Thanks for the info Chris. I appreciate it. I'll hook it up and check it out again. 73
Tom W7WHY

It sounds like the same issue that I had with TS-850S. This must be a notorious DDS chip failure. Try AM reception by tuning to a broadcast station. If it works but you can't hear anything in SSB mode, one of four DDS chip in the CAR board died. This particular chip is used for SSB product detector, so the VFO works as well as AM or FM reception but no transmit in any mode. I don't know how it affect the transmitter, that was what I got when it happened. I am no expert, though.

450 and 850 use the same DDS chips, and these chips are nearly impossible to get unless you salvage from another CAR board. You either can sell it as a part radio or use it as a nice AM receiver. If you like the radio, then you can just keep it for future repair.

Chris AD1AD

12263. TS-850S available

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-16 11:04:40 UTC
From: bud thompson
Topic: 12263 Message: 12263

http://westvars.wix.com/deland-

(Click on 'shop' and scroll down.)

bud N0IA

[Non-text portions of this message have been removed]

12264. my TS850sat is sick

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-16 23:10:00 UTC
From: villy.madsen
Topic: 12264 Message: 12264

All of a sudden my TS850 is acting up...

Thank goodnes I though to try a CPU reset..

symptoms

1) the meter button works
2) the filter buttons do not work
3) autotune works, but when it drops out, the ALC "pins" and drops to zero over a few seconds
4) mode switches work

the function keys do not work

slope tune does not appear to work.

the m.ch / vfo.ch works.

af/rf gain works

Any thoughts on what happened ???

Villy ve6sq

12265. Lifestyle

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-25 16:36:14 UTC
From: J R
Topic: 12265 Message: 12265

How o you do?Hot news: http://www.frog-systems.de/xjmkpoan/J_R.php yagmiaqr yule

[Non-text portions of this message have been removed]

12266. Filter installed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-25 19:38:20 UTC
From: Paul
Topic: 12266 Message: 12266

I installed the YK-88SN1 in my TS-450S.
The manual wants me to go to Table 1.
I can't find this table in my manual.
Do I have to turn on filter to get it to work?

Thanks for the help.

12267. Re: Filter installed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 05:47:51 UTC
From: scott10k
Topic: 12266 Message: 12267

Hi Paul,
It is on page 81 in my manual for complete instructions. Yes-you need to turn on this filter to get it to work. With the radio off, press and hold the ENT key and turn on the power. This takes you to menu settings. Turn the M.CH./VFO CH control to menu no. 02 for your new filter. Press the UP or DOWN key to turn on no. 02. Press the CLR key to exit.

Note the display will say 2.4K even though the filter bandwidth is
1.8k.

Hope that helps. 73s, Scott, N6CIC

--- In TS-850_450_690@yahoogroups.com, "Paul" <kb8cmw@...> wrote:
>
> I installed the YK-88SN1 in my TS-450S.
> The manual wants me to go to Table 1.
> I can't find this table in my manual.
> Do I have to turn on filter to get it to work?
>
> Thanks for the help.
>

12268. TS-850S Memory Channels

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 08:38:32 UTC
From: Geoffrey
Topic: 12268 Message: 12268

Hi,

I have fully reset my FT-850S to clear the memory channels.
I pressed A=B while turning the power on.
It seemed to clear everything and bring back the radio to its factory default settings.
However, when I go through memory channels all the channels are empty except channel 10 which shows a number "8".
I have tried to clear but no avail. I have tried to reset several times but still channel 10 shows "8".
Does anyone have experienced same problem? Is there any way that I can clear the number "8"? I can overwrite with a frequency and save the channel but can't clear the number "8".
Any comments would very much be appreciated.

Thank you.

12269. Re: [TS-850_450_690] Filter installed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-25 21:20:04 UTC
From: John
Topic: 12266 Message: 12269

Yes you have to turn it on.. It tells you in the manual on how to do it.. I think it's enter and power on the radio at the same time but look in the manual it's page 81 of the manual

Sent from my iPod

On 2013-07-25, at 3:38 PM, "Paul" <kb8cmw@...> wrote:

> I installed the YK-88SN1 in my TS-450S.
> The manual wants me to go to Table 1.
> I can't find this table in my manual.
> Do I have to turn on filter to get it to work?
>
> Thanks for the help.
>
>

[Non-text portions of this message have been removed]

12270. Audio amp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 17:41:37 UTC
From: Bob Naylor
Topic: 12266 Message: 12270

Hi all, Does anyone know how much power the audio amp on the 850 has?
No access to the manual here at work.
Thanks, Bob WE6C

[Non-text portions of this message have been removed]

12271. Re: [TS-850_450_690] Audio amp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 18:26:18 UTC
From: N2MHO
Topic: 12266 Message: 12271

Bob,

I don't remember exactly, but figure a watt or two, at 4-8 ohms.

Mike, n2mho in NJ

****

On Fri, Jul 26, 2013 at 1:41 PM, Bob Naylor <wotbob01@...> wrote:
>
>
>
> Hi all, Does anyone know how much power the audio amp on the 850 has?
> No access to the manual here at work.
> Thanks, Bob WE6C
>

12272. Re: [TS-850_450_690] Audio amp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 17:49:17 UTC
From: Ken Winterling
Topic: 12266 Message: 12272

Bob,

According to the TS-850 manual it is: 1.5W across 8 ohms load (10% distortion)

Ken
WA2LBI

On Fri, Jul 26, 2013 at 1:41 PM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> Hi all, Does anyone know how much power the audio amp on the 850 has?
> No access to the manual here at work.
> Thanks, Bob WE6C
>

[Non-text portions of this message have been removed]

12273. Re: [TS-850_450_690] Audio amp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 20:41:16 UTC
From: Bob Naylor
Topic: 12266 Message: 12273

Thanks Ken. Here's the reason I asked.

The CW side tone is low even though I have it turned all the way up. I had this issue with a Kenwood TS-50 years ago.

When I was mobile I ran the audio through the stereo so if the volume was set low on the TS-50, the stereo would then be turned up which would make the CW side tone nice and loud (ratio of audio to side tone level). Since my TS-850 and my old TS-50 has a set side tone level (no matter where the AF volume is set) using an external audio amp, in this case the stereo, allowed me to change the "ratio" of audio to side tone level.

At home I like my kenwood speaker so I thought of building a small audio amplifier which would drive the speaker. This would allow me to do the same thing as I did mobile years ago with my TS-50 but I needed to know how many watts the audio amp has.

I remember reading several years ago about building a small 1 watt audio amp which was designed for HT use in a vehicle. I think it was just one "chip/IC" with a few external parts. Maybe I can do something like this? Also, since the side tone level is low, using this 850 at field day with a speaker makes hearing the side tone tuff. This may solve that problem also.

Hope I explained this clear enuff.

73, Bob WE6C

From: Ken Winterling <wa2lbi@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 26, 2013 10:49 AM
Subject: Re: [TS-850_450_690] Audio amp

Bob,

According to the TS-850 manual it is: 1.5W across 8 ohms load (10% distortion)

Ken
WA2LBI

On Fri, Jul 26, 2013 at 1:41 PM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> Hi all, Does anyone know how much power the audio amp on the 850 has?
> No access to the manual here at work.
> Thanks, Bob WE6C
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12274. Re: [TS-850_450_690] Audio amp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 21:23:01 UTC
From: Ken Winterling
Topic: 12266 Message: 12274

Bob,

I understand the situation. I no longer have an '850 but if I did I would consider a mod to make the side tone level adjustable. I recall reading about a mod (or two) that enabled you to adjust the side tone level in CW mode with the "MONI" knob on the front panel. Do a search of the 'net and I'm sure you will find a mod. I don't recall that they were too involved. It might be a better solution than building a small audio amp.

Ken
WA2LBI

On Fri, Jul 26, 2013 at 4:41 PM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> Thanks Ken. Here's the reason I asked.
>
> The CW side tone is low even though I have it turned all the way up. I had
> this issue with a Kenwood TS-50 years ago.
>
> When I was mobile I ran the audio through the stereo so if the volume was
> set low on the TS-50, the stereo would then be turned up which would make
> the CW side tone nice and loud (ratio of audio to side tone level). Since
> my TS-850 and my old TS-50 has a set side tone level (no matter where the
> AF volume is set) using an external audio amp, in this case the stereo,
> allowed me to change the "ratio" of audio to side tone level.
>
> At home I like my kenwood speaker so I thought of building a small audio
> amplifier which would drive the speaker. This would allow me to do the same
> thing as I did mobile years ago with my TS-50 but I needed to know how many
> watts the audio amp has.
>
> I remember reading several years ago about building a small 1 watt audio
> amp which was designed for HT use in a vehicle. I think it was just one
> "chip/IC" with a few external parts. Maybe I can do something like this?
> Also, since the side tone level is low, using this 850 at field day with a
> speaker makes hearing the side tone tuff. This may solve that problem also.
>
> Hope I explained this clear enuff.
>
> 73, Bob WE6C
>
> _____
> From: Ken Winterling <wa2lbi@...>

> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, July 26, 2013 10:49 AM
> Subject: Re: [TS-850_450_690] Audio amp
>
>
> Bob,
>
> According to the TS-850 manual it is: 1.5W across 8 ohms load
> (10% distortion)
>
> Ken
> WA2LBI
>
> On Fri, Jul 26, 2013 at 1:41 PM, Bob Naylor <wotbob01@...> wrote:
>
> > **
> > >
> > >
> > > Hi all, Does anyone know how much power the audio amp on the 850 has?
> > > No access to the manual here at work.
> > > Thanks, Bob WE6C
> > >
>
>

[Non-text portions of this message have been removed]

12275. Re: [TS-850_450_690] Audio amp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-26 23:51:35 UTC
From: Bob Naylor
Topic: 12266 Message: 12275

Ken, I have looked into that but I was told that it would not be any louder, only adjustable. I have since researched it finding no info on becoming louder. Maybe someone knows different?
Bob WE6C

From: Ken Winterling <wa2lbi@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 26, 2013 2:23 PM
Subject: Re: [TS-850_450_690] Audio amp

Bob,

I understand the situation. I no longer have an '850 but if I did I would consider a mod to make the side tone level adjustable. I recall reading about a mod (or two) that enabled you to adjust the side tone level in CW mode with the "MONI" knob on the front panel. Do a search of the 'net and I'm sure you will find a mod. I don't recall that they were too involved. It might be a better solution than building a small audio amp.

Ken
WA2LBI

On Fri, Jul 26, 2013 at 4:41 PM, Bob Naylor <wotbob01@...> wrote:

> **
>
>
> Thanks Ken. Here's the reason I asked.
>
> The CW side tone is low even though I have it turned all the way up. I had
> this issue with a Kenwood TS-50 years ago.
>
> When I was mobile I ran the audio through the stereo so if the volume was
> set low on the TS-50, the stereo would then be turned up which would make
> the CW side tone nice and loud (ratio of audio to side tone level). Since
> my TS-850 and my old TS-50 has a set side tone level (no matter where the
> AF volume is set) using an external audio amp, in this case the stereo,
> allowed me to change the "ratio" of audio to side tone level.
>
> At home I like my kenwood speaker so I thought of building a small audio
> amplifier which would drive the speaker. This would allow me to do the same
> thing as I did mobile years ago with my TS-50 but I needed to know how many
> watts the audio amp has.
>
> I remember reading several years ago about building a small 1 watt audio

> amp which was designed for HT use in a vehicle. I think it was just one
> "chip/IC" with a few external parts. Maybe I can do something like this?
> Also, since the side tone level is low, using this 850 at field day with a
> speaker makes hearing the side tone tuff. This may solve that problem also.
>
> Hope I explained this clear enuff.
>
> 73, Bob WE6C
>
> _____
> From: Ken Winterling <wa2lbi@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, July 26, 2013 10:49 AM
> Subject: Re: [TS-850_450_690] Audio amp
>
>
> Bob,
>
> According to the TS-850 manual it is: 1.5W across 8 ohms load
> (10% distortion)
>
> Ken
> WA2LBI
>
> On Fri, Jul 26, 2013 at 1:41 PM, Bob Naylor <wotbob01@...> wrote:
>
> > **
> >
> >
> > Hi all, Does anyone know how much power the audio amp on the 850 has?
> > No access to the manual here at work.
> > Thanks, Bob WE6C
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12276. TS850 MC60 Modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-29 10:48:38 UTC
From: m6gbt
Topic: 12276 Message: 12276

Hi
Having a problem with my modulation coming through the rig speaker when using my MC60 Mic.

Checked the known problem of reversed wires on the mic head, this is OK

Fitted a ferrite clip on the cable near to mic socket on rig

Moni button pressed both in and out, with control right off

Is there anything else I can try to sort the issue?

73, Thanks
Pete

12277. TS450 TX / RX Alignement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-29 14:10:34 UTC
From: isabelle.fourias
Topic: 12277 Message: 12277

Hi,

My 450 is transmitting about 200 hertz lower than is indicated on my radio readout.
Same issue on RX, I have to put +/-200hz above the initial freq, for receiving on the right freq

Does anyone know how I might adjust that, or calibrate it back to on
frequency ?
It can be done temporarily via the XIT / RIT adjust controls on the radio, but I'm trying to calibrate that "zero" setting up 200 Hz

Any idea ? or Should be possible via the menu ?

Thanks, Mark

12278. Re: [TS-850_450_690] TS850 MC60 Modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-29 15:07:01 UTC
From: Ken Winterling
Topic: 12276 Message: 12278

Pete,

What happens if you use a different mic?

If, while using the MC-60, you connect your rig to a dummy load instead of an antenna do you still hear yourself in the speaker? If you have the monitor turned off and you hear yourself when connected to an antenna but do not hear yourself when connected to a dummy load it suggests there is RFIin your shack. Are you sure the antenna cable connectors are tight a the
ends of all cables from the rig to the antenna (including SWR/Watt meters, tuners, switches, etc.)?

Ken
WA2LBI

On Mon, Jul 29, 2013 at 6:48 AM, m6gbt <m6gbt@...> wrote:

> **
>
>
> Hi
> Having a problem with my modulation coming through the rig speaker when
> using my MC60 Mic.
>
> Checked the known problem of reversed wires on the mic head, this is OK
>
> Fitted a ferrite clip on the cable near to mic socket on rig
>
> Moni button pressed both in and out, with control right off
>
> Is there anything else I can try to sort the issue?
>
> 73, Thanks
> Pete
>

[Non-text portions of this message have been removed]

12279. Re: [TS-850_450_690] TS450 TX / RX Alignement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-29 16:42:57 UTC
From: N6EV - Paul Carreiro
Topic: 12277 Message: 12279

Mark,
See the Display Calibration adjustment on page 80 (Section 6-7) in the Operating Manual. Requires a jumper wire to be installed from one side of the rig to the other. This jumper was included as an accessory with the rig when new. If you don't have it, a simple wire with appropriate ends to connect to pin test points will work.

Good luck & 73
Paul N6EV

At 07:10 AM 7/29/2013, Mark wrote:
>Hi,
>My 450 is transmitting about 200 hertz lower than is indicated on my >radio readout.
>Same issue on RX, I have to put +/-200hz above the initial freq, for >receiving on the right freq
>Does anyone know how I might adjust that, or calibrate it back to on >frequency ?
>It can be done temporarily via the XIT / RIT adjust controls on the >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
>Any idea ? or Should be possible via the menu ?

12280. Re: TS850 MC60 Modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-29 20:49:57 UTC
From: m6gbt
Topic: 12276 Message: 12280

Thanks for the reply Ken I will run a few tests as you suggest and reply with any findings.

73
Pete

--- In TS-850_450_690@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Pete,
>
> What happens if you use a different mic?
>
> If, while using the MC-60, you connect your rig to a dummy load instead of
> an antenna do you still hear yourself in the speaker? If you have the
> monitor turned off and you hear yourself when connected to an antenna but
> do not hear yourself when connected to a dummy load it suggests there
> is RFIin your shack. Are you sure the antenna cable connectors are
> tight a the
> ends of all cables from the rig to the antenna (including SWR/Watt meters,
> tuners, switches, etc.)?
>
> Ken
> WA2LBI
>
>
> On Mon, Jul 29, 2013 at 6:48 AM, m6gbt <m6gbt@...> wrote:
>
> > **
> > >
> > >
> > > Hi
> > > Having a problem with my modulation coming through the rig speaker when
> > > using my MC60 Mic.
> > >
> > > Checked the known problem of reversed wires on the mic head, this is OK
> > >
> > > Fitted a ferrite clip on the cable near to mic socket on rig
> > >
> > > Moni button pressed both in and out, with control right off
> > >
> > > Is there anything else I can try to sort the issue?
> > >
> > > 73, Thanks
> > > Pete
> > >
>

>
> [Non-text portions of this message have been removed]
>

12281. sub or workaround for a dead or iffy ym6631? a serious question.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-07-31 15:31:53 UTC
From: Doug
Topic: 12281 Message: 12281

Many of us have parted out or trashed one of these models just because replacement ym66312's are MIA. They are reliable radios and sweet to operate except for this BIG weakness. Sellers on various sites generally don't report serial numbers or DDS part numbers when posting for-sale ads, so buying one can be hairy.
Has anyone found a sub or workaround for a dead or iffy 6631 and have you tried it and thoroughly tested it? If so, the dead would come to life around the world.
Is anyone close to a solution?
ThanksDoug k7kw

[Non-text portions of this message have been removed]

12282. Re: sub or workaround for a dead or iffy ym6631? a serious question.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-01 10:14:55 UTC
From: vojtech
Topic: 12281 Message: 12282

I have tried to solve this situation too. In my case the YM6631 died in TS450, although most information about died DDS came from TS-850, I solve it finally with replacement by the YM66312, bought last for high price. Offers from China seems all to be "fake" or non serious.
It is very interesting, that I have read somewhere, that there is a newer version of the YM66312 DDS used in the TS-870 programming compatible, but it should have different package. I have not seen anybody who did it and how, if there should be some "adapter" for placing this chip into the original PCB, or if somebody designed the whole CAR board as replacement on the connector level.
If somebody has more info, I am very curious too, how it was solved.
Regards,
Vojtech, OK1VAW, Prague, Czech Rep.

--- In TS-850_450_690@yahoogroups.com, "Doug" <doug@...> wrote:
>
> Many of us have parted out or trashed one of these models just because
> replacement ym66312's are MIA. They are reliable radios and sweet to
> operate except for this BIG weakness. Sellers on various sites generally
> don't report serial numbers or DDS part numbers when posting for-sale
> ads, so buying one can be hairy.
> Has anyone found a sub or workaround for a dead or iffy 6631 and have
> you tried it and thoroughly tested it? If so, the dead would come to
> life around the world.
> Is anyone close to a solution?
> ThanksDoug k7kw
>
>
> [Non-text portions of this message have been removed]
>

12283. Re: TS450 TX / RX Alignement

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-04 15:10:17 UTC
From: isabelle.fourias
Topic: 12277 Message: 12283

Many thanks Paul,

The trx is running good now.

73s Mark

--- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
>
> Mark,
> See the Display Calibration adjustment on page 80 (Section 6-7) in
> the Operating Manual. Requires a jumper wire to be installed from
> one side of the rig to the other. This jumper was included as an
> accessory with the rig when new. If you don't have it, a simple wire
> with appropriate ends to connect to pin test points will work.
>
> Good luck & 73
> Paul N6EV
>
>
> At 07:10 AM 7/29/2013, Mark wrote:
> >Hi,
> >My 450 is transmitting about 200 hertz lower than is indicated on my
> >radio readout.
> >Same issue on RX, I have to put +/-200hz above the initial freq, for
> >receiving on the right freq
> >Does anyone know how I might adjust that, or calibrate it back to on
> >frequency ?
> >It can be done temporarily via the XIT / RIT adjust controls on the
> >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> >Any idea ? or Should be possible via the menu ?
>

12284. TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 01:14:48 UTC
From: John Parker
Topic: 12277 Message: 12284

Aloha everyone,

I started taking my TS-850 apart to replace the front cover which was in bad shape.

Now that I have everything open, i might as well remove the old battery and install a holder and battery.

Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.

Does anyone have a current source and part numbers so I can order and move forward with this?

73,

John WH6DQU

Sent from my iPhone

On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@...> wrote:

>
> Many thanks Paul,
>
> The trx is running good now.
>
> 73s Mark
>
> --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
> >
> > Mark,
> > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > the Operating Manual. Requires a jumper wire to be installed from
> > one side of the rig to the other. This jumper was included as an
> > accessory with the rig when new. If you don't have it, a simple wire
> > with appropriate ends to connect to pin test points will work.
> >
> > Good luck & 73
> > Paul N6EV
> >
> >
> > At 07:10 AM 7/29/2013, Mark wrote:
> > >Hi,
> > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > >radio readout.
> > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > >receiving on the right freq

> > >Does anyone know how I might adjust that, or calibrate it back to on
> > >frequency ?
> > >It can be done temporarily via the XIT / RIT adjust controls on the
> > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > >Any idea ? or Should be possible via the menu ?
> >
>
>

[Non-text portions of this message have been removed]

12285. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 10:09:57 UTC
From: n8nma@...
Topic: 12277 Message: 12285

I used the holder from radio shack 270-009 and a CR2032 battery. I also moved it back and placed it under the hinged lid on top of the radio where the DRU-2 would go.

Tom N8NMA

Sent from my iPad

On Aug 4, 2013, at 9:14 PM, John Parker <parkjv1@...> wrote:

> Aloha everyone,
>
> I started taking my TS-850 apart to replace the front cover which was in bad shape.
>
> Now that I have everything open, i might as well remove the old battery and install a holder and battery.
>
> Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.
>
> Does anyone have a current source and part numbers so I can order and move forward with this?
>
> 73,
>
> John WH6DQU
>
> Sent from my iPhone
>
> On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
> >
> > Many thanks Paul,
> >
> > The trx is running good now.
> >
> > 73s Mark
> >
> > --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
> > >
> > > Mark,
> > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > > the Operating Manual. Requires a jumper wire to be installed from
> > > one side of the rig to the other. This jumper was included as an
> > > accessory with the rig when new. If you don't have it, a simple wire
> > > with appropriate ends to connect to pin test points will work.
> > >

> > > Good luck & 73
> > > Paul N6EV
> > >
> > >
> > > At 07:10 AM 7/29/2013, Mark wrote:
> > > >Hi,
> > > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > > >radio readout.
> > > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > > >receiving on the right freq
> > > >Does anyone know how I might adjust that, or calibrate it back to on
> > > >frequency ?
> > > >It can be done temporarily via the XIT / RIT adjust controls on the
> > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > >Any idea ? or Should be possible via the menu ?
> > > >
> > >
> > >
> >
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12286. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 04:39:57 UTC
From: WB4CIW@...
Topic: 12277 Message: 12286

Hi John,
I made changes to both my 850 and 870.
It is really simple. Go to your nearest Radio Shack and pick out a replacement battery, and along with that, purchase one of their battery holders for that battery. Then use some small wire, two different colors and tack solder them where the batteries were connected. reassemble the front panel and mount the RS holders in an open area, solder the wires to the appropriate terminals on the RS holder, and then insert the replacement battery.
Locate the holder so that it won't touch anything to short it out.
There is a mod for this that shows some specific places to mount or place the replacement holders.

All you have to do to replace batteries next time is remove a cover.
Frank
wb4ciw

In a message dated 8/4/2013 7:19:14 P.M. Mountain Daylight Time,
parkjv1@... writes:

Aloha everyone,

I started taking my TS-850 apart to replace the front cover which was in bad shape.

Now that I have everything open, i might as well remove the old battery and install a holder and battery.

Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.

Does anyone have a current source and part numbers so I can order and move forward with this?

73,

John WH6DQU

Sent from my iPhone

On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@...>
wrote:

>
> Many thanks Paul,
>
> The trx is running good now.
>
> 73s Mark

>
> --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...>
wrote:
> >
> > Mark,
> > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > the Operating Manual. Requires a jumper wire to be installed from
> > one side of the rig to the other. This jumper was included as an
> > accessory with the rig when new. If you don't have it, a simple wire
> > with appropriate ends to connect to pin test points will work.
> >
> > Good luck & 73
> > Paul N6EV
> >
> >
> > At 07:10 AM 7/29/2013, Mark wrote:
> > >Hi,
> > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > >radio readout.
> > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > >receiving on the right freq
> > >Does anyone know how I might adjust that, or calibrate it back to on
> > >frequency ?
> > >It can be done temporarily via the XIT / RIT adjust controls on the
> > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > >Any idea ? or Should be possible via the menu ?
> >
>
>

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

12287. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 10:11:13 UTC
From: Dennis
Topic: 12277 Message: 12287

Newark – 2430 battery 65W8016, holder keystone 105

Mouser – 2430 battery 614-CR2430.1B, holder 534-105

Dennis W8YS

From: John Parker
Sent: Sunday, August 04, 2013 9:14 PM
To: TS-850_450_690@yahoogroups.com
Cc: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 Battery Mod

Aloha everyone,

I started taking my TS-850 apart to replace the front cover which was in bad shape.

Now that I have everything open, i might as well remove the old battery and install a holder and battery.

Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.

Does anyone have a current source and part numbers so I can order and move forward with this?

73,

John WH6DQU

Sent from my iPhone

On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <mailto:isabelle.fourias%40yahoo.fr> wrote:

>
> Many thanks Paul,
>
> The trx is running good now.
>
> 73s Mark
>
> --- In mailto:TS-850_450_690%40yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
> >
> > Mark,
> > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > the Operating Manual. Requires a jumper wire to be installed from
> > one side of the rig to the other. This jumper was included as an
> > accessory with the rig when new. If you don't have it, a simple wire
> > with appropriate ends to connect to pin test points will work.

> >
> > Good luck & 73
> > Paul N6EV
> >
> >
> > At 07:10 AM 7/29/2013, Mark wrote:
> > >Hi,
> > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > >radio readout.
> > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > >receiving on the right freq
> > >Does anyone know how I might adjust that, or calibrate it back to on
> > >frequency ?
> > >It can be done temporarily via the XIT / RIT adjust controls on the
> > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > >Any idea ? or Should be possible via the menu ?
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12288. RE: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 02:01:15 UTC
From: Tom Bilelllo
Topic: 12277 Message: 12288

You can pick up battery holders for the CR2032 batteries at Radio Shack. If you want a lower profile holder, google CR2032 battery holder. They aren’t expensive.

Tom "Wolfie" Bilello, NW0LF

VE Liaison, DBARA

home-386-423-3277

cell-386-690-9412

www.DBARA.org

NO-VEC

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of John Parker
Sent: Sunday, August 04, 2013 21:15
To: TS-850_450_690@yahoogroups.com
Cc: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 Battery Mod

Aloha everyone,

I started taking my TS-850 apart to replace the front cover which was in bad shape.

Now that I have everything open, i might as well remove the old battery and install a holder and battery.

Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.

Does anyone have a current source and part numbers so I can order and move forward with this?

73,

John WH6DQU

Sent from my iPhone

On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@...
<mailto:isabelle.fourias%40yahoo.fr> > wrote:

>
> Many thanks Paul,
>
> The trx is running good now.
>

> 73s Mark
>
> --- In TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690%40yahoogroups.com> , N6EV - Paul Carreiro <Paul@...> wrote:
> >
> > Mark,
> > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > the Operating Manual. Requires a jumper wire to be installed from
> > one side of the rig to the other. This jumper was included as an
> > accessory with the rig when new. If you don't have it, a simple wire
> > with appropriate ends to connect to pin test points will work.
> >
> > Good luck & 73
> > Paul N6EV
> >
> >
> > At 07:10 AM 7/29/2013, Mark wrote:
> > >Hi,
> > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > >radio readout.
> > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > >receiving on the right freq
> > >Does anyone know how I might adjust that, or calibrate it back to on
> > >frequency ?
> > >It can be done temporarily via the XIT / RIT adjust controls on the
> > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > >Any idea ? or Should be possible via the menu ?
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12289. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 13:35:42 UTC
From: John Parker
Topic: 12277 Message: 12289

It's 3:33am in Honolulu and I can't sleep! Thanks to all for the suggestions and information!

73,

John WH6DQU

Sent from my iPhone

On Aug 5, 2013, at 12:09 AM, n8nma@... wrote:

> I used the holder from radio shack 270-009 and a CR2032 battery. I also moved it back and placed it under the hinged lid on top of the radio where the DRU-2 would go.
>
> Tom N8NMA
>
> Sent from my iPad
>
> On Aug 4, 2013, at 9:14 PM, John Parker <parkjv1@gmail.com> wrote:
>
> > Aloha everyone,
> >
> > I started taking my TS-850 apart to replace the front cover which was in bad shape.
> >
> > Now that I have everything open, i might as well remove the old battery and install a holder and battery.
> >
> > Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.
> >
> > Does anyone have a current source and part numbers so I can order and move forward with this?
> >
> > 73,
> >
> > John WH6DQU
> >
> > Sent from my iPhone
> >
> > On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@...> wrote:
> >
> >
> > > Many thanks Paul,
> > >
> > > The trx is running good now.
> > >

> > > 73s Mark
> > >
> > > --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@...> wrote:
> > > >
> > > > Mark,
> > > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > > > the Operating Manual. Requires a jumper wire to be installed from
> > > > one side of the rig to the other. This jumper was included as an
> > > > accessory with the rig when new. If you don't have it, a simple wire
> > > > with appropriate ends to connect to pin test points will work.
> > > >
> > > > Good luck & 73
> > > > Paul N6EV
> > > >
> > > >
> > > > At 07:10 AM 7/29/2013, Mark wrote:
> > > > >Hi,
> > > > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > > > >radio readout.
> > > > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > > > >receiving on the right freq
> > > > >Does anyone know how I might adjust that, or calibrate it back to on
> > > > >frequency ?
> > > > >It can be done temporarily via the XIT / RIT adjust controls on the
> > > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > > >Any idea ? or Should be possible via the menu ?
> > > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12290. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 13:52:20 UTC
From: Dave Rust
Topic: 12277 Message: 12290

Frank, WB4CIW, that's the way I replaced the battery holder in mine. I think the total was about $6. and now I can replace the battery in about 5 minutes if need be.
73
Dave W0DLR

[Non-text portions of this message have been removed]

12291. Re: TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 15:40:24 UTC
From: ah6rr1
Topic: 12277 Message: 12291

Aloha John,

When I had my 850's I always got the 'Coin Cell' holders at Radio Shack along with the coin cell batteries and a piece of perfboard. I had also done a few other 850's for friends it is very simple.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@...> wrote:
>
> Aloha everyone,
>
> I started taking my TS-850 apart to replace the front cover which was in bad shape.
>
> Now that I have everything open, i might as well remove the old battery and install a holder and battery.
>
> Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.
>
> Does anyone have a current source and part numbers so I can order and move forward with this?
>
> 73,
>
> John WH6DQU
>
>
>
> Sent from my iPhone
>
> On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@...> wrote:
>
> >
> > Many thanks Paul,
> >
> > The trx is running good now.
> >
> > 73s Mark
> >
> > --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@> wrote:
> > >
> > > Mark,
> > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > > the Operating Manual. Requires a jumper wire to be installed from
> > > one side of the rig to the other. This jumper was included as an

> > > accessory with the rig when new. If you don't have it, a simple wire
> > > with appropriate ends to connect to pin test points will work.
> > >
> > > Good luck & 73
> > > Paul N6EV
> > >
> > >
> > > At 07:10 AM 7/29/2013, Mark wrote:
> > > >Hi,
> > > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > > >radio readout.
> > > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > > >receiving on the right freq
> > > >Does anyone know how I might adjust that, or calibrate it back to on
> > > >frequency ?
> > > >It can be done temporarily via the XIT / RIT adjust controls on the
> > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > >Any idea ? or Should be possible via the menu ?
> > >
> >
> >
>
> [Non-text portions of this message have been removed]
>

12292. Re: TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 19:29:20 UTC
From: avvidclif
Topic: 12277 Message: 12292

I guess I'm having a hard time understanding the logic behind replacing a solder in battery which has no contact issues with a holder which can have contact issues. I know everyone says it makes it easier to replace the next time but the next time is usually about 20 years down the road.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@...> wrote:
>
> Aloha John,
>
> When I had my 850's I always got the 'Coin Cell' holders at Radio Shack along with the coin cell batteries and a piece of perfboard. I had also done a few other 850's for friends it is very simple.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@> wrote:
> >
> > Aloha everyone,
> >
> > I started taking my TS-850 apart to replace the front cover which was in bad shape.
> >
> > Now that I have everything open, i might as well remove the old battery and install a holder and battery.
> >
> > Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.
> >
> > Does anyone have a current source and part numbers so I can order and move forward with this?
> >
> > 73,
> >
> > John WH6DQU
> >
> >
> >
> > Sent from my iPhone
> >
> > On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> > >
> > > Many thanks Paul,
> > >

> > > The trx is running good now.
> > >
> > > 73s Mark
> > >
> > > --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@> wrote:
> > > >
> > > > Mark,
> > > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > > > the Operating Manual. Requires a jumper wire to be installed from
> > > > one side of the rig to the other. This jumper was included as an
> > > > accessory with the rig when new. If you don't have it, a simple wire
> > > > with appropriate ends to connect to pin test points will work.
> > > >
> > > > Good luck & 73
> > > > Paul N6EV
> > > >
> > > >
> > > > At 07:10 AM 7/29/2013, Mark wrote:
> > > > >Hi,
> > > > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > > > >radio readout.
> > > > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > > > >receiving on the right freq
> > > > >Does anyone know how I might adjust that, or calibrate it back to on
> > > > >frequency ?
> > > > >It can be done temporarily via the XIT / RIT adjust controls on the
> > > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > > >Any idea ? or Should be possible via the menu ?
> > > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

12293. Re: [TS-850_450_690] Re: TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-05 19:57:05 UTC
From: Eric Snyder
Topic: 12277 Message: 12293

I guess some don't want to take the chance of the battery leaking and damaging the circuit board.

N7DLV

From: avvidclif <clif@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 5, 2013 12:29 PM
Subject: [TS-850_450_690] Re: TS-850 Battery Mod

I guess I'm having a hard time understanding the logic behind replacing a solder in battery which has no contact issues with a holder which can have contact issues. I know everyone says it makes it easier to replace the next time but the next time is usually about 20 years down the road.

Clif

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@...> wrote:
>
> Aloha John,
>
> When I had my 850's I always got the 'Coin Cell' holders at Radio Shack along with the coin cell batteries and a piece of perfboard. I had also done a few other 850's for friends it is very simple.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@> wrote:
> >
> > Aloha everyone,
> >
> > I started taking my TS-850 apart to replace the front cover which was in bad shape.
> >
> > Now that I have everything open, i might as well remove the old battery and install a holder and battery.
> >
> > Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.
> >
> > Does anyone have a current source and part numbers so I can order and move forward with this?
> >
> > 73,
> >
> > John WH6DQU

> >
> >
> >
> > Sent from my iPhone
> >
> > On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@> wrote:
> >
> > >
> > > Many thanks Paul,
> > >
> > > The trx is running good now.
> > >
> > > 73s Mark
> > >
> > > --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@> wrote:
> > > >
> > > > Mark,
> > > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > > > the Operating Manual. Requires a jumper wire to be installed from
> > > > one side of the rig to the other. This jumper was included as an
> > > > accessory with the rig when new. If you don't have it, a simple wire
> > > > with appropriate ends to connect to pin test points will work.
> > > >
> > > > Good luck & 73
> > > > Paul N6EV
> > > >
> > > >
> > > > At 07:10 AM 7/29/2013, Mark wrote:
> > > > >Hi,
> > > > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > > > >radio readout.
> > > > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > > > >receiving on the right freq
> > > > >Does anyone know how I might adjust that, or calibrate it back to on
> > > > >frequency ?
> > > > >It can be done temporarily via the XIT / RIT adjust controls on the
> > > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > > >Any idea ? or Should be possible via the menu ?
> > > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

THANKS FOR USING TS-850_450_690@...! Groups Links

[Non-text portions of this message have been removed]

12295. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-06 13:31:51 UTC
From: Anthony W. DePrato
Topic: 12277 Message: 12295

At 09:14 PM 8/4/2013, you wrote:
>Aloha everyone,
>
>I started taking my TS-850 apart to replace the front cover which
>was in bad shape.
>
>Now that I have everything open, i might as well remove the old
>battery and install a holder and battery.
>
>Has anyone done this? I see references on the web and references to
>battery holders are 7 years old and part numbers are no longer correct.
>
>Does anyone have a current source and part numbers so I can order
>and move forward with this?
>
>73,
>
>John WH6DQU
>
>
>radio shack and mcm electronics still carry both the batterys 2025
>and the holders..i think i still have a few NIB holders in the shack
>let me know if you can not find them and ill drop on in the mail

73 Tony wa4jqs

oops should be CR 2032

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

12296. Re: [TS-850_450_690] TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-06 16:24:15 UTC
From: John Parker
Topic: 12277 Message: 12296

Mahalo Tony!

73,

John WH6DQU

Sent from my iPhone

On Aug 6, 2013, at 3:28 AM, "Anthony W. DePrato" <wa4jqs@...> wrote:

> At 09:14 PM 8/4/2013, you wrote:
> >Aloha everyone,
> >
> >I started taking my TS-850 apart to replace the front cover which
> >was in bad shape.
> >
> >Now that I have everything open, i might as well remove the old
> >battery and install a holder and battery.
> >
> >Has anyone done this? I see references on the web and references to
> >battery holders are 7 years old and part numbers are no longer correct.
> >
> >Does anyone have a current source and part numbers so I can order
> >and move forward with this?
> >
> >73,
> >
> >John WH6DQU
> >
> >
> >radio shack and mcm electronics still carry both the batterys 2025
> >and the holders..i think i still have a few NIB holders in the shack
> >let me know if you can not find them and ill drop on in the mail
>
> 73 Tony wa4jqs
>
> Anthony W. DePrato WA4JQS
> Since Sept 9th 1962
> ARRL CDXC WIA FISTS A1OP
> CQ DX HALL OF FAME # 39
> DXCC HONOR ROLL
> FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
> CALLS HELD
> VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
> ZUT DE WA4JQS
>

>

[Non-text portions of this message have been removed]

12297. Used TS-450SAT Check List?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-06 14:56:51 UTC
From: yankee495
Topic: 12297 Message: 12297

Hello everyone,

I purchased a TS-450SAT from Ebay...I know, very risky.

http://www.ebay.com/itm/231024689533

I also bought a Tektronix 468 100 MHz Oscilloscope and HP 5334B 100 MHz frequency Counter. Both of them are in great condition, cosmetically and functionally. I also have a watt and modulation meter. I hope I get that lucky with the 450 because then I'll be done for awhile.

I don't have a callsign yet but on August 24, 2013 there is a hamfest in Joplin, MO. and I'm 15 miles east of there and am going to take my test there. I've taken it online and passed it. I also took the General and passed it 2 out of 5 times but only by the skin of my teeth. With the "wrong" set of questions I'd fail the General at this time.

About 17 years ago I was going to take my test and never done it. I had bought an old radio and it was stolen from me just before I was going to take the test. I had a local ham helping me and I was really up on things. It is amazing what you forget when you don't use it...I know age has nothing to do with it....hahha...I'm 48 now. The 24th is also my birthday...gifts welcome, hahahaha. Really it is.

I have a couple of friends who are hams who can help me check out the radio here in town.

Since I can't use it for a couple of weeks I'm going to have them go through it with me to show them how to use the test equipment. I don't think they're up on that stuff...more appliance operators...new radios that work (IC-7000's) and they don't work on them.

Ok, so I know I need to check the tuner, battery, output/modulation and bands...receive on beacons etc, display accuracy, frequency stability, memory, and overall functionality of knobs, buttons etc. Also visually check capacitors for leakage and make sure it is all there of course.

What other things do I need to check? Any common faults? I know about the dot problem but have read the 450's don't have the brown glue. I almost bought a 440 with the dot problem but it was listed as having the dot problem fixed that came back. I knew this could be an adjustment but not knowing what was done to try and fix it...I passed it up.

I hope the radio just works and it is more of a visual inspection and not a troubleshooting nightmare. I went ahead and bought a radio instead of looking at the fest because everywhere you look people are pricing things based on Ebay prices. I know I may have gotten a deal but like with the scope and counter I just bought them because I had hunted for about 2 months and I could bargain hunt for the rest of my life and never own one.

I paid about $550 with S&H which is what the sold listings show for a decent condition radio. I'd say the condition of this one is very good to excellent if it works as good as it looks. I just don't think a really good radio is going to go for $300....more like $450 and I wasn't going to fiddle around for 6 months to save $75.

My debit card is set up to where you can't spend more than $500 in one day without phone approval for security reasons. I usually just withdraw the cash directly but in this case that won't work. Now I have to call the bank to pay for it. I hope to have it by Saturday...it is in Colorado.

Feel free to express opinions...

12298. Re: TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-06 15:47:09 UTC
From: ah6rr1
Topic: 12277 Message: 12298

Aloha Clif,

The reason I did mine and others here is there are no places in Hawaii to get the original solder in batteries and since they are Lithium they can not be shipped here except by boat and that takes 8 weeks.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> I guess I'm having a hard time understanding the logic behind replacing a solder in battery which has no contact issues with a holder which can have contact issues. I know everyone says it makes it easier to replace the next time but the next time is usually about 20 years down the road.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <ah6rr@> wrote:
> >
> > Aloha John,
> >
> > When I had my 850's I always got the 'Coin Cell' holders at Radio Shack along with the coin cell batteries and a piece of perfboard. I had also done a few other 850's for friends it is very simple.
> >
> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@> wrote:
> > >
> > > Aloha everyone,
> > >
> > > I started taking my TS-850 apart to replace the front cover which was in bad shape.
> > >
> > > Now that I have everything open, i might as well remove the old battery and install a holder and battery.
> > >
> > > Has anyone done this? I see references on the web and references to battery holders are 7 years old and part numbers are no longer correct.
> > >
> > > Does anyone have a current source and part numbers so I can order and move forward with this?
> > >
> > > 73,
> > >
> > > John WH6DQU
> > >

> > >
> > >
> > > Sent from my iPhone
> > >
> > > On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@> wrote:
> > >
> > > >
> > > > Many thanks Paul,
> > > >
> > > > The trx is running good now.
> > > >
> > > > 73s Mark
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, N6EV - Paul Carreiro <Paul@> wrote:
> > > > >
> > > > > Mark,
> > > > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> > > > > the Operating Manual. Requires a jumper wire to be installed from
> > > > > one side of the rig to the other. This jumper was included as an
> > > > > accessory with the rig when new. If you don't have it, a simple wire
> > > > > with appropriate ends to connect to pin test points will work.
> > > > >
> > > > > Good luck & 73
> > > > > Paul N6EV
> > > > >
> > > > >
> > > > > At 07:10 AM 7/29/2013, Mark wrote:
> > > > > >Hi,
> > > > > >My 450 is transmitting about 200 hertz lower than is indicated on my
> > > > > >radio readout.
> > > > > >Same issue on RX, I have to put +/-200hz above the initial freq, for
> > > > > >receiving on the right freq
> > > > > >Does anyone know how I might adjust that, or calibrate it back to on
> > > > > >frequency ?
> > > > > >It can be done temporarily via the XIT / RIT adjust controls on the
> > > > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > > > >Any idea ? or Should be possible via the menu ?
> > > > > >
> > > > >
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>

12299. Re: [TS-850_450_690] Used TS-450SAT Check List?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-07 02:29:03 UTC
From: John Parker
Topic: 12297 Message: 12299

Well,

If my memory serves me right, the seller has been known to sell junk!

So, maybe you will get lucky! If my memory fails me then I apologize.

To be sure, google his ebay name & see what turns up!

I bought a heathkit AR-3 off him & it was advertised as working! Didn't work when it arrived!

He didnt answer my emails!
Now, it sits waiting for me to take a look someday!

If I lived on the mainland, i might have done something as shipping is an arm and a leg from the islands!

So, he lost my business!

Hope you have a better experience!

73,

John WH6DQU

Sent from my iPhone

On Aug 6, 2013, at 4:56 AM, "yankee495" <yankee495@...> wrote:

> Hello everyone,
>
> I purchased a TS-450SAT from Ebay...I know, very risky.
>
> http://www.ebay.com/itm/231024689533
>
> I also bought a Tektronix 468 100 MHz Oscilloscope and HP 5334B 100 MHz frequency Counter. Both of them are in great condition, cosmetically and functionally. I also have a watt and modulation meter. I hope I get that lucky with the 450 because then I'll be done for awhile.
>
> I don't have a callsign yet but on August 24, 2013 there is a hamfest in Joplin, MO. and I'm 15 miles east of there and am going to take my test there. I've taken it online and passed it. I also took the General and passed it 2 out of 5 times but only by the skin of my teeth. With the "wrong" set of questions I'd fail the General at this time.
>
> About 17 years ago I was going to take my test and never done it. I had bought an old radio and it was stolen from me just before I was going to take the test. I had a local ham helping me and I was really up on things. It is amazing what you forget when you don't use

it...I know age has nothing to do with it....hahha...I'm 48 now. The 24th is also my birthday...gifts welcome, hahahaha. Really it is.
>
> I have a couple of friends who are hams who can help me check out the radio here in town.
>
> Since I can't use it for a couple of weeks I'm going to have them go through it with me to show them how to use the test equipment. I don't think they're up on that stuff...more appliance operators...new radios that work (IC-7000's) and they don't work on them.
>
> Ok, so I know I need to check the tuner, battery, output/modulation and bands...receive on beacons etc, display accuracy, frequency stability, memory, and overall functionality of knobs, buttons etc. Also visually check capacitors for leakage and make sure it is all there of course.
>
> What other things do I need to check? Any common faults? I know about the dot problem but have read the 450's don't have the brown glue. I almost bought a 440 with the dot problem but it was listed as having the dot problem fixed that came back. I knew this could be an adjustment but not knowing what was done to try and fix it...I passed it up.
>
> I hope the radio just works and it is more of a visual inspection and not a troubleshooting nightmare. I went ahead and bought a radio instead of looking at the fest because everywhere you look people are pricing things based on Ebay prices. I know I may have gotten a deal but like with the scope and counter I just bought them because I had hunted for about 2 months and I could bargain hunt for the rest of my life and never own one.
>
> I paid about $550 with S&H which is what the sold listings show for a decent condition radio. I'd say the condition of this one is very good to excellent if it works as good as it looks. I just don't think a really good radio is going to go for $300....more like $450 and I wasn't going to fiddle around for 6 months to save $75.
>
> My debit card is set up to where you can't spend more than $500 in one day without phone approval for security reasons. I usually just withdraw the cash directly but in this case that won't work. Now I have to call the bank to pay for it. I hope to have it by Saturday...it is in Colorado.
>
> Feel free to express opinions...
>
>

[Non-text portions of this message have been removed]

12300. RE: [TS-850_450_690] Re: TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-07 00:38:38 UTC
From: Tom Bilelllo
Topic: 12277 Message: 12300

Cliff, where does one find the original replacement battery? I did a Google search for it and came up with nothing.

Tom "Wolfie" Bilello, NW0LF

VE Liaison, DBARA

home-386-423-3277

cell-386-690-9412

www.DBARA.org

NO-VEC

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ah6rr1
Sent: Tuesday, August 06, 2013 11:47
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850 Battery Mod

Aloha Clif,

The reason I did mine and others here is there are no places in Hawaii to get the original solder in batteries and since they are Lithium they can not be shipped here except by boat and that takes 8 weeks.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@...> wrote:
>
> I guess I'm having a hard time understanding the logic behind replacing a solder in battery which has no contact issues with a holder which can have contact issues. I know everyone says it makes it easier to replace the next time but the next time is usually about 20 years down the road.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , "ah6rr1" <ah6rr@> wrote:
> >
> > Aloha John,
> >
> > When I had my 850's I always got the 'Coin Cell' holders at Radio Shack along with the coin cell batteries and a piece of perfboard. I had also done a few other 850's for friends it is very simple.
> >

> > Roland AH6RR
> >
> > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , John Parker <parkjv1@> wrote:
> > >
> > > Aloha everyone,
> > >
> > > I started taking my TS-850 apart to replace the front cover which was
in bad shape.
> > >
> > > Now that I have everything open, i might as well remove the old
battery and install a holder and battery.
> > >
> > > Has anyone done this? I see references on the web and references to
battery holders are 7 years old and part numbers are no longer correct.
> > >
> > > Does anyone have a current source and part numbers so I can order and
move forward with this?
> > >
> > > 73,
> > >
> > > John WH6DQU
> > >
> > >
> > >
> > > Sent from my iPhone
> > >
> > > On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@>
wrote:
> > >
> > > >
> > > > Many thanks Paul,
> > > >
> > > > The trx is running good now.
> > > >
> > > > 73s Mark
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com
<mailto:TS-850_450_690%40yahoogroups.com> , N6EV - Paul Carreiro <Paul@>
wrote:
> > > > >
> > > > > Mark,
> > > > > See the Display Calibration adjustment on page 80 (Section 6-7) in

> > > > > the Operating Manual. Requires a jumper wire to be installed from
> > > > > one side of the rig to the other. This jumper was included as an
> > > > > accessory with the rig when new. If you don't have it, a simple
wire
> > > > > with appropriate ends to connect to pin test points will work.
> > > > >

> > > > > Good luck & 73
> > > > > Paul N6EV
> > > > >
> > > > >
> > > > > At 07:10 AM 7/29/2013, Mark wrote:
> > > > > >Hi,
> > > > > >My 450 is transmitting about 200 hertz lower than is indicated on
my
> > > > > >radio readout.
> > > > > >Same issue on RX, I have to put +/-200hz above the initial freq,
for
> > > > > >receiving on the right freq
> > > > > >Does anyone know how I might adjust that, or calibrate it back to
on
> > > > > >frequency ?
> > > > > >It can be done temporarily via the XIT / RIT adjust controls on
the
> > > > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > > > >Any idea ? or Should be possible via the menu ?
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

[Non-text portions of this message have been removed]

12301. Re: TS-850 Battery Mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-07 02:46:09 UTC
From: avvidclif
Topic: 12277 Message: 12301

Google either CR2430-FT1 or CR2330-FT1 and take your pick. The CR2430 or 30 is the battery size. The FT1 is the pin configuration.

Clif

--- In TS-850_450_690@yahoogroups.com, "Tom Bilelllo" <nw0lf@...> wrote:
>
> Cliff, where does one find the original replacement battery? I did a Google
> search for it and came up with nothing.
>
>
>
> Tom "Wolfie" Bilello, NW0LF
>
> VE Liaison, DBARA
>
> home-386-423-3277
>
> cell-386-690-9412
>
> www.DBARA.org
>
> NO-VEC
>
>
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ah6rr1
> Sent: Tuesday, August 06, 2013 11:47
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS-850 Battery Mod
>
>
>
>
>
>
> Aloha Clif,
>
> The reason I did mine and others here is there are no places in Hawaii to
> get the original solder in batteries and since they are Lithium they can not
> be shipped here except by boat and that takes 8 weeks.
>
> Roland AH6RR
>
> --- In TS-850_450_690@yahoogroups.com

> <mailto:TS-850_450_690%40yahoogroups.com> , "avvidclif" <clif@> wrote:
> >
> > I guess I'm having a hard time understanding the logic behind replacing a
> solder in battery which has no contact issues with a holder which can have
> contact issues. I know everyone says it makes it easier to replace the next
> time but the next time is usually about 20 years down the road.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , "ah6rr1" <ah6rr@> wrote:
> > >
> > > Aloha John,
> > >
> > > When I had my 850's I always got the 'Coin Cell' holders at Radio Shack
> along with the coin cell batteries and a piece of perfboard. I had also done
> a few other 850's for friends it is very simple.
> > >
> > > Roland AH6RR
> > >
> > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , John Parker <parkjv1@> wrote:
> > > >
> > > > Aloha everyone,
> > > >
> > > > I started taking my TS-850 apart to replace the front cover which was
> in bad shape.
> > > >
> > > > Now that I have everything open, i might as well remove the old
> battery and install a holder and battery.
> > > >
> > > > Has anyone done this? I see references on the web and references to
> battery holders are 7 years old and part numbers are no longer correct.
> > > >
> > > > Does anyone have a current source and part numbers so I can order and
> move forward with this?
> > > >
> > > > 73,
> > > >
> > > > John WH6DQU
> > > >
> > > >
> > > >
> > > > Sent from my iPhone
> > > >
> > > > On Aug 4, 2013, at 5:10 AM, "isabelle.fourias" <isabelle.fourias@>
> wrote:
> > > >
> > > > >
> > > > > Many thanks Paul,

> > > > >
> > > > > The trx is running good now.
> > > > >
> > > > > 73s Mark
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690%40yahoogroups.com> , N6EV - Paul Carreiro <Paul@>
> wrote:
> > > > > >
> > > > > > Mark,
> > > > > > See the Display Calibration adjustment on page 80 (Section 6-7) in
> >
> > > > > > the Operating Manual. Requires a jumper wire to be installed from
> > > > > > one side of the rig to the other. This jumper was included as an
> > > > > > accessory with the rig when new. If you don't have it, a simple
> wire
> > > > > > with appropriate ends to connect to pin test points will work.
> > > > > >
> > > > > > Good luck & 73
> > > > > > Paul N6EV
> > > > > >
> > > > > >
> > > > > > At 07:10 AM 7/29/2013, Mark wrote:
> > > > > > >Hi,
> > > > > > >My 450 is transmitting about 200 hertz lower than is indicated on
> my
> > > > > > >radio readout.
> > > > > > >Same issue on RX, I have to put +/-200hz above the initial freq,
> for
> > > > > > >receiving on the right freq
> > > > > > >Does anyone know how I might adjust that, or calibrate it back to
> on
> > > > > > >frequency ?
> > > > > > >It can be done temporarily via the XIT / RIT adjust controls on
> the
> > > > > > >radio, but I'm trying to calibrate that "zero" setting up 200 Hz
> > > > > > >Any idea ? or Should be possible via the menu ?
> > > > > >
> > > > >
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

12302. Re: Used TS-450SAT Check List?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-07 03:20:46 UTC
From: yankee495
Topic: 12297 Message: 12302

I'm sorry to hear that John...and his feedback was good and it wasn't until I Googled his real name I found a problem. I tried to Google "radios-n-stuff" and didn't find anything. However his real name brings up unhappy gun buyers as well as radio buyers.

All I can say is I paid with Paypal, and he said used which by definition means it works...as for return S&H I'll file on him in small claims court after Paypal & Ebay rule in my favor.

Maybe he straightened up..but if he left you just "high-n-dry" that doesn't sound good.

Whatever the case it looks like that inspection on receipt will have to be very thorough for certain. If he looked at my feedback, Googled my user name and purchase history he should realize I plan to check it well. Maybe he pawns off junk when he gets it, I just hope this is a good one.

You know, if you have junk sell it as junk...the profits will come from the trust you gain by higher prices on the good stuff. But...crooks don't see it that way.

I'll have to leave feedback based on my dealings with him and the condition of the radio...and fair I will be according to how things turn out.

Thanks for the heads up.

--- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@...> wrote:
>
> Well,
>
> If my memory serves me right, the seller has been known to sell junk!
>
> So, maybe you will get lucky! If my memory fails me then I apologize.
>
> To be sure, google his ebay name & see what turns up!
>
> I bought a heathkit AR-3 off him & it was advertised as working! Didn't work when it arrived!
>
> He didnt answer my emails!
> Now, it sits waiting for me to take a look someday!
>
> If I lived on the mainland, i might have done something as shipping is an arm and a leg from the islands!
>
> So, he lost my business!
>
> Hope you have a better experience!
>
> 73,

>
> John WH6DQU
>
>
> Sent from my iPhone
>
> On Aug 6, 2013, at 4:56 AM, "yankee495" <yankee495@...> wrote:
>
> > Hello everyone,
> >
> > I purchased a TS-450SAT from Ebay...I know, very risky.
> >
> > http://www.ebay.com/itm/231024689533
> >
> > I also bought a Tektronix 468 100 MHz Oscilloscope and HP 5334B 100 MHz frequency Counter. Both of them are in great condition, cosmetically and functionally. I also have a watt and modulation meter. I hope I get that lucky with the 450 because then I'll be done for awhile.
> >
> > I don't have a callsign yet but on August 24, 2013 there is a hamfest in Joplin, MO. and I'm 15 miles east of there and am going to take my test there. I've taken it online and passed it. I also took the General and passed it 2 out of 5 times but only by the skin of my teeth. With the "wrong" set of questions I'd fail the General at this time.
> >
> > About 17 years ago I was going to take my test and never done it. I had bought an old radio and it was stolen from me just before I was going to take the test. I had a local ham helping me and I was really up on things. It is amazing what you forget when you don't use it...I know age has nothing to do with it....hahha...I'm 48 now. The 24th is also my birthday...gifts welcome, hahahaha. Really it is.
> >
> > I have a couple of friends who are hams who can help me check out the radio here in town.
> >
> > Since I can't use it for a couple of weeks I'm going to have them go through it with me to show them how to use the test equipment. I don't think they're up on that stuff...more appliance operators...new radios that work (IC-7000's) and they don't work on them.
> >
> > Ok, so I know I need to check the tuner, battery, output/modulation and bands...receive on beacons etc, display accuracy, frequency stability, memory, and overall functionality of knobs, buttons etc. Also visually check capacitors for leakage and make sure it is all there of course.
> >
> > What other things do I need to check? Any common faults? I know about the dot problem but have read the 450's don't have the brown glue. I almost bought a 440 with the dot problem but it was listed as having the dot problem fixed that came back. I knew this could be an adjustment but not knowing what was done to try and fix it...I passed it up.
> >
> > I hope the radio just works and it is more of a visual inspection and not a troubleshooting nightmare. I went ahead and bought a radio instead of looking at the fest because everywhere you look people are pricing things based on Ebay prices. I know I may

have gotten a deal but like with the scope and counter I just bought them because I had hunted for about 2 months and I could bargain hunt for the rest of my life and never own one.
> >
> > I paid about $550 with S&H which is what the sold listings show for a decent condition radio. I'd say the condition of this one is very good to excellent if it works as good as it looks. I just don't think a really good radio is going to go for $300....more like $450 and I wasn't going to fiddle around for 6 months to save $75.
> >
> > My debit card is set up to where you can't spend more than $500 in one day without phone approval for security reasons. I usually just withdraw the cash directly but in this case that won't work. Now I have to call the bank to pay for it. I hope to have it by Saturday...it is in Colorado.
> >
> > Feel free to express opinions...
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

12303. Re: [TS-850_450_690] Re: Used TS-450SAT Check List?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-07 09:06:44 UTC
From: John Parker
Topic: 12297 Message: 12303

Ebay and Paypal are one in rhe same in my book.

I have been on ebay since 1999 and have seen so many changes. Usually in the favor of the companies, not the individual!

Radios-N-Stuff deals in large volumes/turn over! Ebay/paypal makes a tidy sum from this guy on a monthly basis! They are not going to cut their nose off despite their face!

In other words, odds are in his favor!

At one time, I had a mint 450, I was the second owner! I'm sorry I got rid of it! My goal was to have an 850 which I obtained and ended up selling it! So, within the past couple of years, I obtained another 850 & 870. My dream xcvr is the 950sdx! Problem is, people who own them don't want to sell! So, you have to wait till someone is a silent key!

I suggest that you also try qrz.com for ham items! Things seem to be reasonable most of the time! But beware, they also have hams who will try to cheat you, scams, etc.

In the most recent past, I was scammed by someone who assumed the identity of a ham to advertise the sale if a Kenwood TS-959sdx! I was very lucky and got my money back but I was sweating bullets for a few weeks!

This email reflector is a good source for items as well.

This group is a great source of info and if you do a search for past topics, the 450 was a hot topic for a bit with some really great info as well as what appears to be undocumented info!

All the best!

Aloha

John WH6DQU

Sent from my iPhone

On Aug 6, 2013, at 5:20 PM, "yankee495" <yankee495@...> wrote:

> I'm sorry to hear that John...and his feedback was good and it wasn't until I Googled his real name I found a problem. I tried to Google "radios-n-stuff" and didn't find anything. However his real name brings up unhappy gun buyers as well as radio buyers.
>
> All I can say is I paid with Paypal, and he said used which by definition means it works...as for return S&H I'll file on him in small claims court after Paypal & Ebay rule in my favor.
>
> Maybe he straightened up..but if he left you just "high-n-dry" that doesn't sound good.
>

> Whatever the case it looks like that inspection on receipt will have to be very thorough for certain. If he looked at my feedback, Googled my user name and purchase history he should realize I plan to check it well. Maybe he pawns off junk when he gets it, I just hope this is a good one.
>
> You know, if you have junk sell it as junk...the profits will come from the trust you gain by higher prices on the good stuff. But...crooks don't see it that way.
>
> I'll have to leave feedback based on my dealings with him and the condition of the radio...and fair I will be according to how things turn out.
>
> Thanks for the heads up.
>
> --- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@...> wrote:
> >
> > Well,
> >
> > If my memory serves me right, the seller has been known to sell junk!
> >
> > So, maybe you will get lucky! If my memory fails me then I apologize.
> >
> > To be sure, google his ebay name & see what turns up!
> >
> > I bought a heathkit AR-3 off him & it was advertised as working! Didn't work when it arrived!
> >
> > He didnt answer my emails!
> > Now, it sits waiting for me to take a look someday!
> >
> > If I lived on the mainland, i might have done something as shipping is an arm and a leg from the islands!
> >
> > So, he lost my business!
> >
> > Hope you have a better experience!
> >
> > 73,
> >
> > John WH6DQU
> >
> >
> > Sent from my iPhone
> >
> > On Aug 6, 2013, at 4:56 AM, "yankee495" <yankee495@...> wrote:
> >
> > > Hello everyone,
> > >
> > > I purchased a TS-450SAT from Ebay...I know, very risky.
> > >
> > > http://www.ebay.com/itm/231024689533

> > >
> > > I also bought a Tektronix 468 100 MHz Oscilloscope and HP 5334B 100 MHz frequency Counter. Both of them are in great condition, cosmetically and functionally. I also have a watt and modulation meter. I hope I get that lucky with the 450 because then I'll be done for awhile.
> > >
> > > I don't have a callsign yet but on August 24, 2013 there is a hamfest in Joplin, MO. and I'm 15 miles east of there and am going to take my test there. I've taken it online and passed it. I also took the General and passed it 2 out of 5 times but only by the skin of my teeth. With the "wrong" set of questions I'd fail the General at this time.
> > >
> > > About 17 years ago I was going to take my test and never done it. I had bought an old radio and it was stolen from me just before I was going to take the test. I had a local ham helping me and I was really up on things. It is amazing what you forget when you don't use it...I know age has nothing to do with it....hahha...I'm 48 now. The 24th is also my birthday...gifts welcome, hahahaha. Really it is.
> > >
> > > I have a couple of friends who are hams who can help me check out the radio here in town.
> > >
> > > Since I can't use it for a couple of weeks I'm going to have them go through it with me to show them how to use the test equipment. I don't think they're up on that stuff...more appliance operators...new radios that work (IC-7000's) and they don't work on them.
> > >
> > > Ok, so I know I need to check the tuner, battery, output/modulation and bands...receive on beacons etc, display accuracy, frequency stability, memory, and overall functionality of knobs, buttons etc. Also visually check capacitors for leakage and make sure it is all there of course.
> > >
> > > What other things do I need to check? Any common faults? I know about the dot problem but have read the 450's don't have the brown glue. I almost bought a 440 with the dot problem but it was listed as having the dot problem fixed that came back. I knew this could be an adjustment but not knowing what was done to try and fix it...I passed it up.
> > >
> > > I hope the radio just works and it is more of a visual inspection and not a troubleshooting nightmare. I went ahead and bought a radio instead of looking at the fest because everywhere you look people are pricing things based on Ebay prices. I know I may have gotten a deal but like with the scope and counter I just bought them because I had hunted for about 2 months and I could bargain hunt for the rest of my life and never own one.
> > >
> > > I paid about $550 with S&H which is what the sold listings show for a decent condition radio. I'd say the condition of this one is very good to excellent if it works as good as it looks. I just don't think a really good radio is going to go for $300....more like $450 and I wasn't going to fiddle around for 6 months to save $75.
> > >
> > > My debit card is set up to where you can't spend more than $500 in one day without phone approval for security reasons. I usually just withdraw the cash directly but in this case that won't work. Now I have to call the bank to pay for it. I hope to have it by

Saturday...it is in Colorado.
> > >
> > > Feel free to express opinions...
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

12304. Ts450/850 Battery

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-08 16:06:38 UTC
From: avvidclif
Topic: 12304 Message: 12304

Go to Eham and the forums section.
eHam Forums > Mods And Repairs > TS-850s memory batt. replacement-will it affect service menu

Look up the posting by W9GB on the subject of replacement batteries.

Clif

12306. Re: Used TS-450SAT Check List?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-08 17:43:35 UTC
From: yankee495
Topic: 12297 Message: 12306

Hello again John,

I've been busy reading the book for the test. It is taking so long because every time they reference a question I go look at it...so far I know them all but it is a great refresher.

I tried QRZ but being new they won't let me reply to ads so no chance of anything there. I also read their guidelines for not getting ripped off but all the hams there want money orders...I guess they haven't read the guidelines.

Of course I don't have a callsign so maybe that is why, I don't know but I can't even carry on a conversation there because the moderator has to approve every message I post so the people there probably think I'm rude. It has been over 2 months so you'd think they figured out I'm not a spammer.

I've read about the scams...stealing a callsign etc. There was a post with a scammer using a phishing page to get passwords the other day. I traced the IP and it was in Czechoslovakia but that didn't stop me from going to the page and entering "Your're" as a user name and "Busted" as a password and when they look at their list of stolen stuff they'll see that.

I have to do something for fun until the 450 gets here and I couldn't think of anything better.

The radio is not shipped YET! He says with in 3 days of payment...packs it second day and ships 3rd day. He should be packing it today and ship by tomorrow.

I'll be glad when it gets here...no shipping damage and works. I'm usually a little more patient but in this case I need to know it works and wasn't drug here behind a UPS truck.

I'll go check out email reflector now, never heard of it, thanks for the heads up.

73's

John (my name also)

--- In TS-850_450_690@yahoogroups.com, John Parker <parkjv1@...> wrote:
>

>
> I suggest that you also try qrz.com for ham items! Things seem to be reasonable most of the time! But beware, they also have hams who will try to cheat you, scams, etc.
>
> In the most recent past, I was scammed by someone who assumed the identity of a ham to advertise the sale if a Kenwood TS-959sdx! I was very lucky and got my money back but I was sweating bullets for a few weeks!
>
> This email reflector is a good source for items as well.
>

> This group is a great source of info and if you do a search for past topics, the 450 was a hot topic for a bit with some really great info as well as what appears to be undocumented info!
>
> All the best!
>
> Aloha
>
> John WH6DQU
>

12307. DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-14 12:14:05 UTC
From: g8lyv
Topic: 1072 Message: 12307

Hi,

Does anyone know if the DSP-100 is supposed to demodulate AM with the 850? I know it handles SSB.

73

Kevin

12308. Kenwood TS-850 autotuner installation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-17 04:40:13 UTC
From: cclarkkent
Topic: 12308 Message: 12308

Hello everyone,

I picked up a late model 850 last weekend that is in great condition, and I have looked it over and it was the newer DDS chips in it, so no worries about chip failure and I have read over the directions for replacing the battery. I found an operator parting out an 850 and he is sending me the autotuner for this radio. So, I am waiting for my internal auto tuner to arrive in a few days.

My question is, where do all the connections go? I opened up the radio last night and found 2 of the ribbon connections, but as far as the Red banded and yellow banded coax, I see a few them in the PA section. Can someone help me out and give me a description on where they go or even a photo. I hate to hook it up wrong and break something! Spare parts are expensive!

Matt
NG2Q
Tucson, AZ

12309. Re: [TS-850_450_690] Kenwood TS-850 autotuner installation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-17 07:02:28 UTC
From: Dave Rust
Topic: 12308 Message: 12309

Clark I attempted to send you a copy of Page 70 out of the manual, but wasn't able to send it. Download a copy of the Owners Manual from the Kenwood Site, and it shows on page 70 how to install the AT unit.
Dave 73
W0DLR

[Non-text portions of this message have been removed]

12310. Re: Kenwood TS-850 autotuner installation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-17 08:02:05 UTC
From: pkohl1960
Topic: 12308 Message: 12310

Hello Matt,

You can find here in the file section the user manual.
On page 78 is a description how to install the tuner.
Not all of the manuals have this section (my printed original for example has not), that's why I'm posting this.
It's not too complicated :-)
Good luck with your install.

73 de Peter - ON4EZJ

--- In TS-850_450_690@yahoogroups.com, "cclarkkent" <cclarkkent2000@...> wrote:
>
> Hello everyone,)
>
> I picked up a late model 850 last weekend that is in great condition, and I have looked it over and it was the newer DDS chips in it, so no worries about chip failure and I have read over the directions for replacing the battery. I found an operator parting out an 850 and he is sending me the autotuner for this radio. So, I am waiting for my internal auto tuner to arrive in a few days.
>
> My question is, where do all the connections go? I opened up the radio last night and found 2 of the ribbon connections, but as far as the Red banded and yellow banded coax, I see a few them in the PA section. Can someone help me out and give me a description on where they go or even a photo. I hate to hook it up wrong and break something! Spare parts are expensive!
>
> Matt
> NG2Q
> Tucson, AZ
>

12311. Distorted Modulation on Monitor Listening

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-17 18:24:06 UTC
From: k4zot
Topic: 12311 Message: 12311

I have a late serial number 850 and I am experiencing distorted modulation on my 850 monitor listening. I basically understand the reasons for the distortion, but I am interested in other comments. I have a second floor shack with a relatively poor grounding system - 10 gauge wire to an outside ground rod and grounded to the house wiring. Second, my 3 element CC beam is only maybe 35' from my radio at 22' high on a roof mount. So, this is not a good system, but I have to live with it. One major problem is when the beam is pointed toward the shack the distortion appears - overloading the front end. I believe even an improved grounding system might not solve the problem. Any comments?

Thanks,

Glenn

12312. Re: Kenwood TS-850 autotuner installation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-17 19:03:47 UTC
From: cclarkkent
Topic: 12308 Message: 12312

I was thinking this was more complex, in that I was going to have re-route the output, but in retrospect, it looks easy now. I looked in the manual and it was not very descriptive, but then, it does not have to be! I just opened it up and went over the installation location and other then unplugging the a jumper and replacing it with the 2 new connectors from the tuner, and the 2 DIN cables it looks easy.

Now the next question, I checked the battery voltage and it reads 3.289 volts, do I need to worry about that yet?

Matt
NG2Q

--- In TS-850_450_690@yahoogroups.com, "cclarkkent" <cclarkkent2000@...> wrote:
>
> Hello everyone,
>
> I picked up a late model 850 last weekend that is in great condition, and I have looked it over and it was the newer DDS chips in it, so no worries about chip failure and I have read over the directions for replacing the battery. I found an operator parting out an 850 and he is sending me the autotuner for this radio. So, I am waiting for my internal auto tuner to arrive in a few days.
>
> My question is, where do all the connections go? I opened up the radio last night and found 2 of the ribbon connections, but as far as the Red banded and yellow banded coax, I see a few them in the PA section. Can someone help me out and give me a description on where they go or even a photo. I hate to hook it up wrong and break something! Spare parts are expensive!
>
> Matt
> NG2Q
> Tucson, AZ
>

12313. Re: Distorted Modulation on Monitor Listening

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-18 07:41:36 UTC
From: bswadener
Topic: 12311 Message: 12313

You have a DC-60Hz ground. Tom W8JI has some tips
for effecting a useful RF ground for a 2nd floor
shack:

http://www.w8ji.com/second_floor_grounding.htm

vy 73,
Bryan WA7PRC

--- In TS-850_450_690@yahoogroups.com, K4ZOT wrote:
>
> I have a late serial number 850 and I am
> experiencing distorted modulation on my 850
> monitor listening. I basically understand the
> reasons for the distortion, but I am interested
> in other comments. I have a second floor shack
> with a relatively poor grounding system - 10
> gauge wire to an outside ground rod and
> grounded to the house wiring. Second, my 3
> element CC beam is only maybe 35' from my radio
> at 22' high on a roof mount. So, this is not
> a good system, but I have to live with it.
> One major problem is when the beam is pointed
> toward the shack the distortion appears -
> overloading the front end. I believe even an
> improved grounding system might not solve the
> problem. Any comments?
>
> Thanks,
>
> Glenn

12314. Re: [TS-850_450_690] Re: Kenwood TS-850 autotuner installation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-18 10:03:21 UTC
From: Dave Rust
Topic: 12308 Message: 12314

Matt, while I was inside the 850s I would replace the battery. I think you can get what you need from Radio Shack. That's where I got the replaement for my 450s.
Dave

[Non-text portions of this message have been removed]

12315. Re: Distorted Modulation on Monitor Listening

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-19 01:39:12 UTC
From: k4zot
Topic: 12311 Message: 12315

Bryan:

Thank you very much.

Glenn

--- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
>
> You have a DC-60Hz ground. Tom W8JI has some tips
> for effecting a useful RF ground for a 2nd floor
> shack:
>
> http://www.w8ji.com/second_floor_grounding.htm
>
> vy 73,
> Bryan WA7PRC
>
> --- In TS-850_450_690@yahoogroups.com, K4ZOT wrote:
> >
> > I have a late serial number 850 and I am
> > experiencing distorted modulation on my 850
> > monitor listening. I basically understand the
> > reasons for the distortion, but I am interested
> > in other comments. I have a second floor shack
> > with a relatively poor grounding system - 10
> > gauge wire to an outside ground rod and
> > grounded to the house wiring. Second, my 3
> > element CC beam is only maybe 35' from my radio
> > at 22' high on a roof mount. So, this is not
> > a good system, but I have to live with it.
> > One major problem is when the beam is pointed
> > toward the shack the distortion appears -
> > overloading the front end. I believe even an
> > improved grounding system might not solve the
> > problem. Any comments?
> >
> > Thanks,
> >
> > Glenn
>

12316. TS-860 Transmitt blocked on 40m, 17m and 12m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-22 07:33:58 UTC
From: rolandver109
Topic: 12316 Message: 12316

Hi

It is time to get the TS-850 on the air. But when testing tuning against a dummy load it seems that TX on 40m, 17m and 12m is blocked? No TX, no tuning.
What could be the problem? Some programming to be done? The TS-850SAT is bough in Sweden from a Silent Key.

Hope someone could explain whar to do. Programming, change the diode matrix?

73/SA4CFP

12317. Re: [TS-850_450_690] TS-860 Transmitt blocked on 40m, 17m and 12m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-22 15:21:10 UTC
From: John tf
Topic: 12316 Message: 12317

Did you try a reset , master of other wise ?
It does sound a little odd .
John
KD0CAC

On Thu, Aug 22, 2013 at 2:33 AM, rolandver109 <landrover@dalatron.se> wrote:

> **
>
>
> Hi
>
> It is time to get the TS-850 on the air. But when testing tuning against a
> dummy load it seems that TX on 40m, 17m and 12m is blocked? No TX, no
> tuning.
> What could be the problem? Some programming to be done? The TS-850SAT is
> bough in Sweden from a Silent Key.
>
> Hope someone could explain whar to do. Programming, change the diode
> matrix?
>
> 73/SA4CFP
>
>
>
>

[Non-text portions of this message have been removed]

12318. Re: [TS-850_450_690] TS-860 Transmitt blocked on 40m, 17m and 12m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-22 20:31:29 UTC
From: Bob Naylor
Topic: 12316 Message: 12318

Make sure the "carrier" control is around 1/2 way or a little higher.
More details?
Bob WE6C

From: rolandver109 <landrover@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 22, 2013 12:33 AM
Subject: [TS-850_450_690] TS-860 Transmitt blocked on 40m, 17m and 12m

Hi

It is time to get the TS-850 on the air. But when testing tuning against a dummy load it seems that TX on 40m, 17m and 12m is blocked? No TX, no tuning.
What could be the problem? Some programming to be done? The TS-850SAT is bough in Sweden from a Silent Key.

Hope someone could explain whar to do. Programming, change the diode matrix?

73/SA4CFP

[Non-text portions of this message have been removed]

12319. BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-23 03:16:20 UTC
From: nm9p
Topic: 12319 Message: 12319

Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.

Background:
I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.

The Problem:
This evening (one day later) he called me with the following problem:
While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.

Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.

Successive "clicks" and the rig returns to proper frequency, and proper fidelity.

During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.

Question: Did something happen when I removed the filters?
or is this just a coincidence?

I plan to replace the filters tomorrow and see if it changes anything.

Additional Info:
1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.

2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.

3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.

I need a solution. My Friend is a new ham and longing for this rig.

Thanks for any help you can give.

Ken - NM9P

12320. Re: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-25 00:10:24 UTC
From: nm9p
Topic: 12319 Message: 12320

Updated Information:

After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.

Further testing also revealed the following:

1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."

2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.

I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.

3) The receive shift doesn't seem to happen in CW mode.
I didn't think to check RTTY mode.

4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...

My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.

Any other info out there?

Thanks, Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
>
> Background:
> I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
>
> The Problem:
> This evening (one day later) he called me with the following problem:
> While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't

change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
>
> Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
>
> Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
>
> During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
>
> Question: Did something happen when I removed the filters?
> or is this just a coincidence?
>
> I plan to replace the filters tomorrow and see if it changes anything.
>
> Additional Info:
> 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
>
> 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.
>
> 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
>
>
> I need a solution. My Friend is a new ham and longing for this rig.
>
> Thanks for any help you can give.
>
> Ken - NM9P
>

12321. Re: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-25 04:00:55 UTC
From: avvidclif
Topic: 12319 Message: 12321

What is the SN of the radio?What is the PN of the DDS IC's on the car board?

Clif

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> Updated Information:
>
> After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.
>
> Further testing also revealed the following:
>
> 1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."
>
> 2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.
>
> I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.
>
> 3) The receive shift doesn't seem to happen in CW mode.
> I didn't think to check RTTY mode.
>
> 4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...
>
> My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.
>
> Any other info out there?
>
> Thanks, Ken - NM9P
>
>
> --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> >
> > Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
> >

> > Background:
> > I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
> >
> > The Problem:
> > This evening (one day later) he called me with the following problem:
> > While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
> >
> > Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
> >
> > Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
> >
> > During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
> >
> > Question: Did something happen when I removed the filters?
> > or is this just a coincidence?
> >
> > I plan to replace the filters tomorrow and see if it changes anything.
> >
> > Additional Info:
> > 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
> >
> > 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.
> >
> > 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
> >
> >
> > I need a solution. My Friend is a new ham and longing for this rig.
> >
> > Thanks for any help you can give.
> >
> > Ken - NM9P
> >
>

12322. Re: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-25 18:48:26 UTC
From: nm9p
Topic: 12319 Message: 12322

Thanks for your reply, Cliff.
Serial number on the rig is in the 50 million series.
I bought it new in 1993 and have never had a single problem with it!
I don't have the rig in my possession right now. It is at my friend's house. But I would assume that the DDS IC's are of the newer vintage.

DO you need me to go over and open it up?

Thanks again. Ken

BTW... He checked for me and when listening to yourself on SSB through the monitor, on USB the voice pitch is HIGH, and on LSB the voice pitch is LOW. like you are tuned wrong...

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> What is the SN of the radio?What is the PN of the DDS IC's on the car board?
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> >
> > Updated Information:
> >
> > After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.
> >
> > Further testing also revealed the following:
> >
> > 1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."
> >
> > 2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.
> >
> > I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.
> >
> > 3) The receive shift doesn't seem to happen in CW mode.
> > I didn't think to check RTTY mode.
> >
> > 4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...

> >
> > My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.
> >
> > Any other info out there?
> >
> > Thanks, Ken - NM9P
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > >
> > > Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
> > >
> > > Background:
> > > I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
> > >
> > > The Problem:
> > > This evening (one day later) he called me with the following problem:
> > > While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
> > >
> > > Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
> > >
> > > Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
> > >
> > > During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
> > >
> > > Question: Did something happen when I removed the filters?
> > > or is this just a coincidence?
> > >
> > > I plan to replace the filters tomorrow and see if it changes anything.
> > >
> > > Additional Info:
> > > 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
> > >
> > > 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.

> > >
> > > 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
> > >
> > >
> > > I need a solution. My Friend is a new ham and longing for this rig.
> > >
> > > Thanks for any help you can give.
> > >
> > > Ken - NM9P
> > >
> >
>

12323. Re: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-26 00:37:31 UTC
From: avvidclif
Topic: 12319 Message: 12323

It sounds like it should have the new DDS IC's. Are you sure you didn't bump the little pots when you turned off the switches for the optional filters? They set the car osc and that sounds like what the problem is.

Clif

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> Thanks for your reply, Cliff.
> Serial number on the rig is in the 50 million series.
> I bought it new in 1993 and have never had a single problem with it!
> I don't have the rig in my possession right now. It is at my friend's house. But I would assume that the DDS IC's are of the newer vintage.
>
> DO you need me to go over and open it up?
>
> Thanks again. Ken
>
> BTW... He checked for me and when listening to yourself on SSB through the monitor, on USB the voice pitch is HIGH, and on LSB the voice pitch is LOW. like you are tuned wrong...
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > What is the SN of the radio?What is the PN of the DDS IC's on the car board?
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > >
> > > Updated Information:
> > >
> > > After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.
> > >
> > > Further testing also revealed the following:
> > >
> > > 1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."
> > >
> > > 2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.

> > >
> > > I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.
> > >
> > > 3) The receive shift doesn't seem to happen in CW mode.
> > > I didn't think to check RTTY mode.
> > >
> > > 4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...
> > >
> > > My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.
> > >
> > > Any other info out there?
> > >
> > > Thanks, Ken - NM9P
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > > >
> > > > Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
> > > >
> > > > Background:
> > > > I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
> > > >
> > > > The Problem:
> > > > This evening (one day later) he called me with the following problem:
> > > > While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
> > > >
> > > > Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
> > > >
> > > > Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
> > > >
> > > > During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
> > > >
> > > > Question: Did something happen when I removed the filters?

> > > > or is this just a coincidence?
> > > >
> > > > I plan to replace the filters tomorrow and see if it changes anything.
> > > >
> > > > Additional Info:
> > > > 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
> > > >
> > > > 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.
> > > >
> > > > 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
> > > >
> > > >
> > > > I need a solution. My Friend is a new ham and longing for this rig.
> > > >
> > > > Thanks for any help you can give.
> > > >
> > > > Ken - NM9P
> > > >
> > >
> >
>

12324. Re: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-26 03:19:25 UTC
From: nm9p
Topic: 12319 Message: 12324

It is possible that when I used a screwdriver to loosen the filters, which had been in there for 20 years, that I may have bumped something on the filter side.

I was pretty careful when I set the dip stitches. There is not much to that. Which pots should I check? And how do I check them?

I've been a ham a long time, but even 20 year-old surface mount stuff gets a little small for my eyes...

Do the pots set the switching logic that selects various frequencies, or what?

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> It sounds like it should have the new DDS IC's. Are you sure you didn't bump the little pots when you turned off the switches for the optional filters? They set the car osc and that sounds like what the problem is.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> >
> > Thanks for your reply, Cliff.
> > Serial number on the rig is in the 50 million series.
> > I bought it new in 1993 and have never had a single problem with it!
> > I don't have the rig in my possession right now. It is at my friend's house. But I would assume that the DDS IC's are of the newer vintage.
> >
> > DO you need me to go over and open it up?
> >
> > Thanks again. Ken
> >
> > BTW... He checked for me and when listening to yourself on SSB through the monitor, on USB the voice pitch is HIGH, and on LSB the voice pitch is LOW. like you are tuned wrong...
> >
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > What is the SN of the radio?What is the PN of the DDS IC's on the car board?
> > >
> > > Clif
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:

> > > >
> > > > Updated Information:
> > > >
> > > > After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.
> > > >
> > > > Further testing also revealed the following:
> > > >
> > > > 1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."
> > > >
> > > > 2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.
> > > >
> > > > I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.
> > > >
> > > > 3) The receive shift doesn't seem to happen in CW mode.
> > > > I didn't think to check RTTY mode.
> > > >
> > > > 4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...
> > > >
> > > > My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.
> > > >
> > > > Any other info out there?
> > > >
> > > > Thanks, Ken - NM9P
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > > > >
> > > > > Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
> > > > >
> > > > > Background:
> > > > > I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
> > > > >
> > > > > The Problem:
> > > > > This evening (one day later) he called me with the following problem:
> > > > > While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO

frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
> > > > >
> > > > > Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
> > > > >
> > > > > Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
> > > > >
> > > > > During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
> > > > >
> > > > > Question: Did something happen when I removed the filters?
> > > > > or is this just a coincidence?
> > > > >
> > > > > I plan to replace the filters tomorrow and see if it changes anything.
> > > > >
> > > > > Additional Info:
> > > > > 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
> > > > >
> > > > > 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.
> > > > >
> > > > > 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
> > > > >
> > > > >
> > > > > I need a solution. My Friend is a new ham and longing for this rig.
> > > > >
> > > > > Thanks for any help you can give.
> > > > >
> > > > > Ken - NM9P
> > > > >
> > > > >
> > > >
> > >
>

12325. 450SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-26 03:27:15 UTC
From: yankee495
Topic: 12325 Message: 12325

Hello all,

I did receive the 450 and it seems to be a great radio. I also went to the Joplin, Mo. hamfest and passed my Tech and General...just waiting to show up in the database now.

Since this is my first real radio I'm confused on filters. I understand what they do but am a bit confused on what is in it and when it does what it does.

There are no optional filters installed in the bottom panel. On the front under 8.83 it lights up Thru/6K and under 455 it lights up 12K/6K/2.4K. All setting do make a difference.

There is an optional YK-88S1 2.4 KHz and a YK-88SN1 1.8 KHz available. I know the 1.8 is the narrow filter better for noise etc.

Why does it indicate 2.4 with no optional filters? Stock? What would be the point in adding another 2.4?

I read about another model KW that you can activate the filters for transmit but I see no menu options like that in the 450. Are the stock filters also used for xmit or is the optional 2.4 for xmit?

The radio arrived looking like new, smelling like new with all manuals, schematics and accessory plugs still in the bag packed in the original boxes that match the serial number...which is 70100048 with an old shipping label dated July 10,1995 and was shipped for $8.77. It does not have the MARS MOD.

As I had mentioned I had planned to take my Tech test on Saturday, my birthday, at the fest, but I went ahead and studied for a few days and passed the Tech and my General a day sooner than I had planned. I was able to pre-register for Friday night. I actually know the stuff and didn't just memorize it.

As I'm sure you know I'm pretty excited and also kicking myself...I should've done this on my 14th bday not 49th.

I've been very lucky with electronics purchases on Ebay...a Tek scope, HP counter and now a radio. I believe it is working like new and I'll stop now.

I've had a great time listening to the guys talk about antennas, mics and radios. I have a Shure 450 desk mic I need to order a plug for. It has the USA made element in it...it is pretty much like the 444.

I'm antenna shopping now...either to build or buy...lots of options especially with the tuner but I understand an external tuner is best.

Just any advice, info or anything else would be great.

One last thing...it tunes 30-40MHz and they say to remove D21 to receive there. Is it not receiving??? and just tuning it? And I read not to remove that diode as it cuts your power

so I'll leave that alone.

Sorry this is so long but I know you can't answer a question without the facts.

12326. Re: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-26 11:51:33 UTC
From: avvidclif
Topic: 12319 Message: 12326

The pots tell the the DDS chips what frequency to generate for the car osc.

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> It is possible that when I used a screwdriver to loosen the filters, which had been in there for 20 years, that I may have bumped something on the filter side.
>
> I was pretty careful when I set the dip stitches. There is not much to that. Which pots should I check? And how do I check them?
>
> I've been a ham a long time, but even 20 year-old surface mount stuff gets a little small for my eyes...
>
> Do the pots set the switching logic that selects various frequencies, or what?
>
> Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > It sounds like it should have the new DDS IC's. Are you sure you didn't bump the little pots when you turned off the switches for the optional filters? They set the car osc and that sounds like what the problem is.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > >
> > > Thanks for your reply, Cliff.
> > > Serial number on the rig is in the 50 million series.
> > > I bought it new in 1993 and have never had a single problem with it!
> > > I don't have the rig in my possession right now. It is at my friend's house. But I would assume that the DDS IC's are of the newer vintage.
> > >
> > > DO you need me to go over and open it up?
> > >
> > > Thanks again. Ken
> > >
> > > BTW... He checked for me and when listening to yourself on SSB through the monitor, on USB the voice pitch is HIGH, and on LSB the voice pitch is LOW. like you are tuned wrong...
> > >
> > >
> > >

> > >
> > > --- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > What is the SN of the radio?What is the PN of the DDS IC's on the car board?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > > > >
> > > > > Updated Information:
> > > > >
> > > > > After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.
> > > > >
> > > > > Further testing also revealed the following:
> > > > >
> > > > > 1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."
> > > > >
> > > > > 2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.
> > > > >
> > > > > I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.
> > > > >
> > > > > 3) The receive shift doesn't seem to happen in CW mode.
> > > > > I didn't think to check RTTY mode.
> > > > >
> > > > > 4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...
> > > > >
> > > > > My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.
> > > > >
> > > > > Any other info out there?
> > > > >
> > > > > Thanks, Ken - NM9P
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > > > > >
> > > > > > Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
> > > > > >
> > > > > > Background:
> > > > > > I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend.

Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
> > > > > >
> > > > > > The Problem:
> > > > > > This evening (one day later) he called me with the following problem:
> > > > > > While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
> > > > > > >
> > > > > > Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
> > > > > > >
> > > > > > Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
> > > > > > >
> > > > > > During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
> > > > > > >
> > > > > > Question: Did something happen when I removed the filters?
> > > > > > or is this just a coincidence?
> > > > > > >
> > > > > > I plan to replace the filters tomorrow and see if it changes anything.
> > > > > > >
> > > > > > Additional Info:
> > > > > > 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
> > > > > > >
> > > > > > 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.
> > > > > > >
> > > > > > 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
> > > > > > >
> > > > > > >
> > > > > > I need a solution. My Friend is a new ham and longing for this rig.
> > > > > > >
> > > > > > Thanks for any help you can give.
> > > > > > >
> > > > > > Ken - NM9P
> > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >

>

12327. Re: [TS-850_450_690] 450SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-27 20:41:10 UTC
From: Bob Naylor
Topic: 12325 Message: 12327

There is an optional YK-88S1 2.4 KHz and a YK-88SN1 1.8 KHz available. I know the 1.8 is the narrow filter better for noise etc.

Why does it indicate 2.4 with no optional filters? Stock? What would be the point in adding another 2.4?

The YK-88S-1 is a 2.1 filter.
Enjoy your new rig!
Bob WE6C

[Non-text portions of this message have been removed]

12328. Re: [TS-850_450_690] 450SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-27 22:51:20 UTC
From: Dennis
Topic: 12325 Message: 12328

Congratulations. I hope you will enjoy amateur radio as much as I do. I have a TS850 and I think the 450 is similar. If it has the slope tune, save your money. Use the slope tune and you really don't need the filters on SSB. If you use CW you may want to get a 500Hz filter.

For an antenna, I would recommend the Alpha-Delta DXCC to start with. It includes 80, 40, 20, 15 and 10 meters. It is heavy duty. It will come from the factory cut for CW. For tuning for phone, you do not have to cut it, but you may shorten it by wrapping the wire back around itself as needed. It works as good as any and better than most and fits in a small area. After you gain more experience and radio knowledge you can decide on other antennas. Of course, many hams enjoy experimenting with antenna designs. All said, it is very difficult to find an antenna that outperforms a dipole – maybe a double bazooka. Antenna choice has a lot to do with the size of your property.

I find that the best mic is the one that came packaged with the radio. I know many may disagree with that and the antenna choice, but you asked and I am trying to help you get started successfully. Enjoy. 73

Dennis W8YS

From: yankee495
Sent: Sunday, August 25, 2013 11:27 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450SAT Filters

Hello all,

I did receive the 450 and it seems to be a great radio. I also went to the Joplin, Mo. hamfest and passed my Tech and General...just waiting to show up in the database now.

Since this is my first real radio I'm confused on filters. I understand what they do but am a bit confused on what is in it and when it does what it does.

There are no optional filters installed in the bottom panel. On the front under 8.83 it lights up Thru/6K and under 455 it lights up 12K/6K/2.4K. All setting do make a difference.

There is an optional YK-88S1 2.4 KHz and a YK-88SN1 1.8 KHz available. I know the 1.8 is the narrow filter better for noise etc.

Why does it indicate 2.4 with no optional filters? Stock? What would be the point in adding another 2.4?

I read about another model KW that you can activate the filters for transmit but I see no menu options like that in the 450. Are the stock filters also used for xmit or is the optional 2.4 for xmit?

The radio arrived looking like new, smelling like new with all manuals, schematics and accessory plugs still in the bag packed in the original boxes that match the serial number...which is 70100048 with an old shipping label dated July 10,1995 and was shipped

for $8.77. It does not have the MARS MOD.

As I had mentioned I had planned to take my Tech test on Saturday, my birthday, at the fest, but I went ahead and studied for a few days and passed the Tech and my General a day sooner than I had planned. I was able to pre-register for Friday night. I actually know the stuff and didn't just memorize it.

As I'm sure you know I'm pretty excited and also kicking myself...I should've done this on my 14th bday not 49th.

I've been very lucky with electronics purchases on Ebay...a Tek scope, HP counter and now a radio. I believe it is working like new and I'll stop now.

I've had a great time listening to the guys talk about antennas, mics and radios. I have a Shure 450 desk mic I need to order a plug for. It has the USA made element in it...it is pretty much like the 444.

I'm antenna shopping now...either to build or buy...lots of options especially with the tuner but I understand an external tuner is best.

Just any advice, info or anything else would be great.

One last thing...it tunes 30-40MHz and they say to remove D21 to receive there. Is it not receiving??? and just tuning it? And I read not to remove that diode as it cuts your power so I'll leave that alone.

Sorry this is so long but I know you can't answer a question without the facts.

[Non-text portions of this message have been removed]

12329. Re: 450SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-28 02:22:59 UTC
From: yankee495
Topic: 12325 Message: 12329

--- In TS-850_450_690@yahoogroups.com, "Dennis" <vzet0bax@...> wrote:
>
> Congratulations. I hope you will enjoy amateur radio as much as I do. I have a TS850 and I think the 450 is similar. If it has the slope tune, save your money. Use the slope tune and you really donâ☐☐t need the filters on SSB. If you use CW you may want to get a 500Hz filter.
>
> For an antenna, I would recommend the Alpha-Delta DXCC to start with. It includes 80, 40, 20, 15 and 10 meters.
>
> I find that the best mic is the one that came packaged with the radio. I know many may disagree with that and the antenna choice, but you asked and I am trying to help you get started successfully. Enjoy. 73
>
> Dennis W8YS
>

Oh, ok, I got it...the 2.4 is lit because it has a 2.1. I understand now...somewhere it says another indicator will light even though the filter may actually be a different width.

I had seen the DXCC but didn't remember the name. If I could remember everything I have glanced/read or flipped past I'd be way ahead of you guys! Really, I done a lot of research.

I read a lot and am enjoying the tech talk...gives my eyes a break. I know what ya mean about microphones. People think you need a souped up D-104 etc and I see others using $400 mics.

I paid $15 for the Shure 450 and it has a scratch or two but is in great condition as far as a mic that is going to be used goes. I wired it to a SSB CB and people said it sounds great. It is not amplified.

For certain I'll use whatever sounds the best because that is the name of the game. I'd really like to use a desk mic that I don't have to lean into. I'm really tall, long arms and a seriously bad back, so I'd like to kick back to rest my back (one reason reading on the computer kills me).

The 450 doesn't have slope tuning but I have learned to use the IF Shift pretty good. I can knock out interference just two KHz away. It'll do what I need and like you said, as I learn I'll form a better opinion/understanding of what I want/need.

As far as enjoying the hobby there isn't going to be a lack of that! I wanted to do this years ago and life, either the situation, where I lived or finances, something always prevented me from doing it. It got to the point I never thought about it and about two years ago I told my wife I wanted a radio.

Here today, two years later I finally got it done. Now that I've went to the trouble to take the test I won't be without a radio unless the tornado comes back! Near Joplin here.

Thanks again guys and I'll for sure keep you informed and check in to see what is up. I still haven't checked the battery so I guess I better do that. It retains the memories etc but I understand a bad battery can do a radio in.

12330. Re: 450SAT Filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-28 18:54:44 UTC
From: jplatt09@att.net
Topic: 12325 Message: 12330

Make sure you read the posts about the leaking electrolic capacitor on the IF board for ts-450s and ts-690s on the IF board. I think it is C119 the audio bypass capacitor. It leaks over the IF filters and causes the traces to turn black and corrode. It is very important to remove all of the affected components (very carefully) from the board and clean underneath them, especially the 12 and 6 KHz filters. The TS-690s that I bought this year had the problem, little did I know that just cleaning the board made the problem worse and was causing the 6 and 12 KHz and 2.4KHz filters to be switched on all the time. Removing them and cleaning underneath solved the problem.

BTW the INRAD 2.8KHz or 4KHz (8.83MHZ IF) SSB filters make a great addition to the rig. The 6KHz filters are just too wide for SSB work and the 2.4KHz (built in) murata is narrow enough and works with any of the 8.83 MHz IF filters to improve noise. 1.8KHz is probably too narrow unless you are trying to work very weak DX. If you are going to work any digital modes then the 250 or 500 KHz (455KHz IF)INRAD filters are nice to have.

--- In TS-850_450_690@yahoogroups.com, "yankee495" <yankee495@...> wrote:
>
> Hello all,
>
> I did receive the 450 and it seems to be a great radio. I also went to the Joplin, Mo. hamfest and passed my Tech and General...just waiting to show up in the database now.
>
> Since this is my first real radio I'm confused on filters. I understand what they do but am a bit confused on what is in it and when it does what it does.
>
> There are no optional filters installed in the bottom panel. On the front under 8.83 it lights up Thru/6K and under 455 it lights up 12K/6K/2.4K. All setting do make a difference.
>
> There is an optional YK-88S1 2.4 KHz and a YK-88SN1 1.8 KHz available. I know the 1.8 is the narrow filter better for noise etc.
>
> Why does it indicate 2.4 with no optional filters? Stock? What would be the point in adding another 2.4?
>
> I read about another model KW that you can activate the filters for transmit but I see no menu options like that in the 450. Are the stock filters also used for xmit or is the optional 2.4 for xmit?
>
> The radio arrived looking like new, smelling like new with all manuals, schematics and accessory plugs still in the bag packed in the original boxes that match the serial number...which is 70100048 with an old shipping label dated July 10,1995 and was shipped for $8.77. It does not have the MARS MOD.
>
> As I had mentioned I had planned to take my Tech test on Saturday, my birthday, at the fest, but I went ahead and studied for a few days and passed the Tech and my General a day

sooner than I had planned. I was able to pre-register for Friday night. I actually know the stuff and didn't just memorize it.
>
> As I'm sure you know I'm pretty excited and also kicking myself...I should've done this on my 14th bday not 49th.
>
> I've been very lucky with electronics purchases on Ebay...a Tek scope, HP counter and now a radio. I believe it is working like new and I'll stop now.
>
> I've had a great time listening to the guys talk about antennas, mics and radios. I have a Shure 450 desk mic I need to order a plug for. It has the USA made element in it...it is pretty much like the 444.
>
> I'm antenna shopping now...either to build or buy...lots of options especially with the tuner but I understand an external tuner is best.
>
> Just any advice, info or anything else would be great.
>
> One last thing...it tunes 30-40MHz and they say to remove D21 to receive there. Is it not receiving??? and just tuning it? And I read not to remove that diode as it cuts your power so I'll leave that alone.
>
> Sorry this is so long but I know you can't answer a question without the facts.
>

12331. 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-28 23:25:45 UTC
From: fishingnerd
Topic: 12331 Message: 12331

First off, I am new to the group and I wish to thank everyone up front for any help you can offer me.

I have done a lot of searching the web and here as well as going over the service manual trying hard to answer my own question before I jumped in here and started asking for free advice. However, try as I may, I can not seem to find a straight answer as to how to correct a slight issue I am having with my TS-450.

It's just a touch off on USB, but LSB seams right on. I compare it to other rigs and receivers on RX and TX and I have to bump the VFO up a bit to line up. I know, its SSB and its not a big deal to be at 14.300.07 -.10 to be right on with the rest of the gang, but for lack of any real good reason to adjust it, it's more or less, because it bugs me.

I found some information in the service manual (page 125-13) but I'm not exactly sure it's what I am looking for.

I would be very grateful if someone could point in the right direction on this subject. Not asking for anyone to solve it, I kind of like doing that, but maybe a clue and some tutoring would be great.

Thank you
Brian

12332. Re: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-29 00:41:00 UTC
From: avvidclif
Topic: 12331 Message: 12332

You have to realize the correct procedure is to use a 2-tone generator and a 'scope to set it correctly. That being said if you are careful and patient you can get it done.

That being said, Do you know how to get into the alignment menu? Do you understand how it works?

Let me know. If you don't understand those two things the odds of causing more problems are greater than the problem you are having now.
I will not tell you how to get into the alignment menu.

Clif

--- In TS-850_450_690@yahoogroups.com, "fishingnerd" <hawkeyetech@...> wrote:
>
> First off, I am new to the group and I wish to thank everyone up front for any help you can offer me.
>
> I have done a lot of searching the web and here as well as going over the service manual trying hard to answer my own question before I jumped in here and started asking for free advice. However, try as I may, I can not seem to find a straight answer as to how to correct a slight issue I am having with my TS-450.
>
> It's just a touch off on USB, but LSB seams right on. I compare it to other rigs and receivers on RX and TX and I have to bump the VFO up a bit to line up. I know, its SSB and its not a big deal to be at 14.300.07 -.10 to be right on with the rest of the gang, but for lack of any real good reason to adjust it, it's more or less, because it bugs me.
>
> I found some information in the service manual (page 125-13) but I'm not exactly sure it's what I am looking for.
>
> I would be very grateful if someone could point in the right direction on this subject. Not asking for anyone to solve it, I kind of like doing that, but maybe a clue and some tutoring would be great.
>
> Thank you
> Brian
>

12333. Re: [TS-850_450_690] 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-29 01:09:44 UTC
From: Dave Rust
Topic: 12331 Message: 12333

Brian, in case you didn't know Cliff IS the expert among us.

What he is saying he doesn't want to help you commit suicide.

Dave

[Non-text portions of this message have been removed]

12334. TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-29 11:54:59 UTC
From: rzacharkow
Topic: 12334 Message: 12334

Have read some earlier posts but still need some clarification....if I change the cw pitch (menu 40) away from the default 800 Hz, say, to 600 Hz for listening, will the side tone frequency generator change to 600 Hz also or does that remain fixed at 800 Hz (pg 29 on zero beating)?

My concern here is: if in fact the side tone freq. generator always stays fixed at 800 Hz, and I change cw pitch from the default on the menu, then I can no longer accurately zero beat the incoming signal?

12335. Re: [TS-850_450_690] TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-29 19:28:54 UTC
From: Bob Naylor
Topic: 12334 Message: 12335

For most HF rigs I've seen, when you zero beat, the side tone will be at whatever you have set it at.
Bob WE6C

From: rzacharkow <rzacharkow@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 29, 2013 4:54 AM
Subject: [TS-850_450_690] TS-450 cw pitch

Have read some earlier posts but still need some clarification....if I change the cw pitch (menu 40) away from the default 800 Hz, say, to 600 Hz for listening, will the side tone frequency generator change to 600 Hz also or does that remain fixed at 800 Hz (pg 29 on zero beating)?

My concern here is: if in fact the side tone freq. generator always stays fixed at 800 Hz, and I change cw pitch from the default on the menu, then I can no longer accurately zero beat the incoming signal?

[Non-text portions of this message have been removed]

12336. RE: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 00:31:49 UTC
From: <yankee495@...>
Topic: 12331 Message: 12336

Can't the radio be reset if he messes it up? I know it writes settings to memory, EPROM I think, so I guess he'd have to write the correct one to fix it? --- In ts-850_450_690@yahoogroups.com, <dlrust@...> wrote: Brian, in case you didn't know Cliff IS the expert among us.

What he is saying he doesn't want to help you commit suicide.

Dave

[Non-text portions of this message have been removed]

12337. Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 02:00:01 UTC
From: Mike34230
Topic: 12334 Message: 12337

The sidetone is fixed at 800 Hz, so adjusting pitch does ruin your ability to zero beat. Actually, I just measured mine with a soundcard oscilloscope program, and mine is about 815 Hz. I leave the pitch at 800 even though I hear better at 600 to 700.

73, Mike - AA1AR

--- In TS-850_450_690@yahoogroups.com, "rzacharkow" <rzacharkow@...> wrote:
>
> Have read some earlier posts but still need some clarification....if I change the cw pitch (menu 40) away from the default 800 Hz, say, to 600 Hz for listening, will the side tone frequency generator change to 600 Hz also or does that remain fixed at 800 Hz (pg 29 on zero beating)?
>
> My concern here is: if in fact the side tone freq. generator always stays fixed at 800 Hz, and I change cw pitch from the default on the menu, then I can no longer accurately zero beat the incoming signal?
>

12338. Re: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 03:14:26 UTC
From: fishingnerd
Topic: 12331 Message: 12338

I got it all sorted out, thanks for the help, it was mostly undoing the doings of a magic 11 meter screw driver... It working fine in that area now; I am just down to having an issues with the VOX switch not working along with ATT and Auto/Thru all not working, Send/Rec does work. All the switches test good. I am giving up for the night, but plan on taking another run at it this week end. Any hints and tips would be greatly appreciated.

Thanks

Brian

--- In TS-850_450_690@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> You have to realize the correct procedure is to use a 2-tone generator and a 'scope to set it correctly. That being said if you are careful and patient you can get it done.
>
> That being said, Do you know how to get into the alignment menu? Do you understand how it works?
>
> Let me know. If you don't understand those two things the odds of causing more problems are greater than the problem you are having now.
> I will not tell you how to get into the alignment menu.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "fishingnerd" <hawkeyetech@> wrote:
> >
> > First off, I am new to the group and I wish to thank everyone up front for any help you can offer me.
> >
> > I have done a lot of searching the web and here as well as going over the service manual trying hard to answer my own question before I jumped in here and started asking for free advice. However, try as I may, I can not seem to find a straight answer as to how to correct a slight issue I am having with my TS-450.
> >
> > It's just a touch off on USB, but LSB seams right on. I compare it to other rigs and receivers on RX and TX and I have to bump the VFO up a bit to line up. I know, its SSB and its not a big deal to be at 14.300.07 -.10 to be right on with the rest of the gang, but for lack of any real good reason to adjust it, it's more or less, because it bugs me.
> >
> > I found some information in the service manual (page 125-13) but I'm not exactly sure it's what I am looking for.
> >
> > I would be very grateful if someone could point in the right direction on this subject. Not asking for anyone to solve it, I kind of like doing that, but maybe a clue and some tutoring would be great.
> >

> > Thank you
> > Brian
> >
>

12339. RE: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 02:36:11 UTC
From: Hawkwyw Tech
Topic: 12331 Message: 12339

I just noticed the ATT and VOX switches are not working, I assume this might be part of the reason why the ATU doesn't work. Otherwise, I'm getting most of the way through the radio. Any hints on this circuit?

Thats the last hurdle, the FM is all sorted out now, just down to the ATT/VOX/ATU switch. Send/Rec works, so I am wondering if there is an voltage or ground issue for the switches.

Thanks for the help so far!

Brian

12340. [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 02:14:09 UTC
From: N6EV - Paul Carreiro
Topic: 12334 Message: 12340

The preferred method for zero beating with the TS-450/690 is to
switch between CW normal and CW reverse with the "rev" button. When
the tone of each matches, you're zero beat with the received
signal. This technique works regardless of the CW Pitch (menu 40) setting.

Hope this helps. 73
Paul N6EV

At 07:00 PM 8/29/2013, Mike wrote:
>The sidetone is fixed at 800 Hz, so adjusting pitch does ruin your
>ability to zero beat. Actually, I just measured mine with a
>soundcard oscilloscope program, and mine is about 815 Hz. I leave
>the pitch at 800 even though I hear better at 600 to 700.
>
>--- In TS-850_450_690@yahoogroups.com, "rzacharkow" <rzacharkow@...> wrote:
> > Have read some earlier posts but still need some
> clarification....if I change the cw pitch (menu 40) away from the
> default 800 Hz, say, to 600 Hz for listening, will the side tone
> frequency generator change to 600 Hz also or does that remain fixed
> at 800 Hz (pg 29 on zero beating)?
> > My concern here is: if in fact the side tone freq. generator
> always stays fixed at 800 Hz, and I change cw pitch from the
> default on the menu, then I can no longer accurately zero beat the
> incoming signal?

12341. RE: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 00:57:34 UTC
From: Hawkwyw Tech
Topic: 12331 Message: 12341

I should update I guess. I got a chance to put the radio on the bench at a friends shop. After a few helpful hints and rereading everything, I found the issue and got it corrected. This radio was the victim of the golden screw driver, with the AM cranked up and out of band mod as well, I suspect it was used for the 11 meter band; after getting it on the bench, it all came back into working order. There still an issue with the S-meter when in FM mode and ATU is not working, even after going through all the menu settings, but those issues will be taken care of next time I get some bench time.

The biggest issue was a trimmer and several pots that had been twisted about. Sorting out those and a few tweaks with some setting on 11/13 menu items, all is good.

Thanks everyone! If anyone has any hints for the ATU not working, I am all ears!

Brian

12342. Re: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 04:11:55 UTC
From: avvidclif
Topic: 12331 Message: 12342

Probably very simple. Go to the options menu. (Hold down ENTER and turn on the power.) If the first item is on then that's the problem. #1 wants to know if you have an AT300, off or no. The AT300 is an external tuner and if you tell the radio on, thinking it's asking about the internal tuner you are wrong. With a on answer the radio disables the internal tuner to avoid a conflict. It is not changed by a reset.

1. Power off
2. Hold down Enter and power on
3. Set #1 to OFF
4. Clear
5 Use internal tuner.

Clif

--- In TS-850_450_690@yahoogroups.com, Hawkwyw Tech <hawkeyetech@...> wrote:
>
> I should update I guess. I got a chance to put the radio on the bench at a friends shop. After a few helpful hints and rereading everything, I found the issue and got it corrected.
> This radio was the victim of the golden screw driver, with the AM cranked up and out of band mod as well, I suspect it was used for the 11 meter band; after getting it on the bench, it all came back into working order. There still an issue with the S-meter when in FM mode and ATU is not working, even after going through all the menu settings, but those issues will be taken care of next time I get some bench time.
>
> The biggest issue was a trimmer and several pots that had been twisted about. Sorting out those and a few tweaks with some setting on 11/13 menu items, all is good.
>
> Thanks everyone! If anyone has any hints for the ATU not working, I am all ears!
>
> Brian
>

12343. Re: [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 04:42:14 UTC
From: Bob Naylor
Topic: 12334 Message: 12343

In the manual that I looked at,menu 40 says "The pitch during CW reception can be set anywhere in the range of 400 to 800 Hz in 50 Hz steps" Default is 800. This should mean that your side tone will be whatever you set it at.
When you zero beat, your sidetone should be at whatever you have menu 40 set to.
Bob WE6C

From: N6EV - Paul Carreiro <Paul@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 29, 2013 7:14 PM
Subject: [TS-850_450_690] Re: TS-450 cw pitch

The preferred method for zero beating with the TS-450/690 is to
switch between CW normal and CW reverse with the "rev" button. When
the tone of each matches, you're zero beat with the received
signal. This technique works regardless of the CW Pitch (menu 40) setting.

Hope this helps. 73
Paul N6EV

At 07:00 PM 8/29/2013, Mike wrote:
>The sidetone is fixed at 800 Hz, so adjusting pitch does ruin your
>ability to zero beat. Actually, I just measured mine with a
>soundcard oscilloscope program, and mine is about 815 Hz. I leave
>the pitch at 800 even though I hear better at 600 to 700.
>
>--- In TS-850_450_690@yahoogroups.com, "rzacharkow" <rzacharkow@...> wrote:
> > Have read some earlier posts but still need some
> clarification....if I change the cw pitch (menu 40) away from the
> default 800 Hz, say, to 600 Hz for listening, will the side tone
> frequency generator change to 600 Hz also or does that remain fixed
> at 800 Hz (pg 29 on zero beating)?
> > My concern here is: if in fact the side tone freq. generator
> always stays fixed at 800 Hz, and I change cw pitch from the
> default on the menu, then I can no longer accurately zero beat the
> incoming signal?

[Non-text portions of this message have been removed]

12344. [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 07:30:37 UTC
From: N6EV - Paul Carreiro
Topic: 12334 Message: 12344

Bob, unfortunately that's not the case. The CW pitch setting affects the received tone only. The side tone (key down) is fixed at 800Hz regardless of the (received) CW pitch setting (menu 40). And unfortunately, there is no internal adjustment to change the side down frequency. Therefore the only zero beat method available after CW pitch is changed away from 800Hz is to use the 'rev' button as previously described. Once zero beated, the received tone will equal that which you have set in menu 40. Your side down will remain, now and forever, at 800Hz. See the note at the bottom of page 28 in the operating manual.

73 Paul N6EV

At 09:42 PM 8/29/2013, Bob, WE6C wrote:
>In the manual that I looked at,menu 40 says "The pitch during CW
>reception can be set anywhere in the range of 400 to 800 Hz in 50 Hz
>steps" Default is 800. This should mean that your side tone will be
>whatever you set it at.
>When you zero beat, your sidetone should be at whatever you have
>menu 40 set to.

12345. Re: [TS-850_450_690] RE: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 10:48:18 UTC
From: John Miller
Topic: 12331 Message: 12345

check the settings on the side of the radio on the vox, when I bought mine, they had the antivox and the other one over there set so it didn't work. I got them to more normal settings and it works fine. It made me think maybe the previous owner didn't want vox to work.
----- Original Message -----
From: Hawkwyw Tech
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 29, 2013 10:36 PM
Subject: [TS-850_450_690] RE: 450S USB off frequency

I just noticed the ATT and VOX switches are not working, I assume this might be part of the reason why the ATU doesn't work. Otherwise, I'm getting most of the way through the radio. Any hints on this circuit?

Thats the last hurdle, the FM is all sorted out now, just down to the ATT/VOX/ATU switch. Send/Rec works, so I am wondering if there is an voltage or ground issue for the switches.

Thanks for the help so far!

Brian

[Non-text portions of this message have been removed]

12346. Re: [TS-850_450_690] RE: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 10:50:14 UTC
From: John Miller
Topic: 12331 Message: 12346

Did you check the fuse for the ATU? Sorry, seems rather simple but I've known it to happen.
----- Original Message -----
From: Hawkwyw Tech
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 29, 2013 8:57 PM
Subject: [TS-850_450_690] RE: 450S USB off frequency

I should update I guess. I got a chance to put the radio on the bench at a friends shop. After a few helpful hints and rereading everything, I found the issue and got it corrected. This radio was the victim of the golden screw driver, with the AM cranked up and out of band mod as well, I suspect it was used for the 11 meter band; after getting it on the bench, it all came back into working order. There still an issue with the S-meter when in FM mode and ATU is not working, even after going through all the menu settings, but those issues will be taken care of next time I get some bench time.

The biggest issue was a trimmer and several pots that had been twisted about. Sorting out those and a few tweaks with some setting on 11/13 menu items, all is good.

Thanks everyone! If anyone has any hints for the ATU not working, I am all ears!

Brian

[Non-text portions of this message have been removed]

12347. Re: [TS-850_450_690] 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 15:29:30 UTC
From: Hawkwyw Tech
Topic: 12331 Message: 12347

Any fuse I have found so far has been okay.
Something that feeds the cluster of four switched above the mic input. Send/Rec works, but that one just shorts the key line, however, VOX/OFF ATT/OFF AUTO/THRU are all dead.
I suspect there is a feed voltage to these that comes off the push button panel X44-3130-00. I have not had the time to look much farther into it, but with the 3 switches in the cluster are dead. All the switches are good so when I get time, I'll have to trace out and check for voltage.

I'll do some more looking this weekend, make sure the ground is good to the switches.

Thanks for the help!

Brian
On Aug 30, 2013, at 5:50 AM, John Miller <n1umjjohn@...> wrote:

> Did you check the fuse for the ATU? Sorry, seems rather simple but I've known it to happen.
> ----- Original Message -----
> From: Hawkwyw Tech
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, August 29, 2013 8:57 PM
> Subject: [TS-850_450_690] RE: 450S USB off frequency
>
> I should update I guess. I got a chance to put the radio on the bench at a friends shop. After a few helpful hints and rereading everything, I found the issue and got it corrected.
> This radio was the victim of the golden screw driver, with the AM cranked up and out of band mod as well, I suspect it was used for the 11 meter band; after getting it on the bench, it all came back into working order. There still an issue with the S-meter when in FM mode and ATU is not working, even after going through all the menu settings, but those issues will be taken care of next time I get some bench time.
>
> The biggest issue was a trimmer and several pots that had been twisted about. Sorting out those and a few tweaks with some setting on 11/13 menu items, all is good.
>
> Thanks everyone! If anyone has any hints for the ATU not working, I am all ears!
>
> Brian
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

12348. Re: [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 18:52:56 UTC
From: Bob Naylor
Topic: 12334 Message: 12348

Strange!
Bob WE6C

From: N6EV - Paul Carreiro <Paul@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 30, 2013 12:30 AM
Subject: [TS-850_450_690] Re: TS-450 cw pitch

Bob, unfortunately that's not the case. The CW pitch setting affects the received tone only. The side tone (key down) is fixed at 800Hz regardless of the (received) CW pitch setting (menu 40). And unfortunately, there is no internal adjustment to change the side down frequency. Therefore the only zero beat method available after CW pitch is changed away from 800Hz is to use the 'rev' button as previously described. Once zero beated, the received tone will equal that which you have set in menu 40. Your side down will remain, now and forever, at 800Hz. See the note at the bottom of page 28 in the operating manual.

73 Paul N6EV

At 09:42 PM 8/29/2013, Bob, WE6C wrote:
>In the manual that I looked at,menu 40 says "The pitch during CW
>reception can be set anywhere in the range of 400 to 800 Hz in 50 Hz
>steps" Default is 800. This should mean that your side tone will be
>whatever you set it at.
>When you zero beat, your sidetone should be at whatever you have
>menu 40 set to.

[Non-text portions of this message have been removed]

12349. Re: [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 17:03:43 UTC
From: N6EV - Paul Carreiro
Topic: 12334 Message: 12349

Uggg.. 'side down' should be 'side tone' in my previous message. I guess I shouldn't been typing at 12:30AM. :)

73 N6EV

At 12:30 AM 8/30/2013, I wrote:
>Bob, unfortunately that's not the case. The CW pitch setting affects
>the received tone only. The side tone (key down) is fixed at 800Hz
>regardless of the (received) CW pitch setting (menu 40). And
>unfortunately, there is no internal adjustment to change the side
>down frequency. Therefore the only zero beat method available after
>CW pitch is changed away from 800Hz is to use the 'rev' button as
>previously described. Once zero beated, the received tone will equal
>that which you have set in menu 40. Your side down will remain, now
>and forever, at 800Hz. See the note at the bottom of page 28 in the
>operating manual.

12350. RE: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 21:18:41 UTC
From: <rzacharkow@...>
Topic: 12334 Message: 12350

Gotta thank everyone who offered their thoughts on my question. This is a great group! I normally leave menu #40 on 800 Hz but as i get younger every year, a lower pitch can be easier on the ears! The suggestion to use the REV button to zero is a good one...tried it out today and liked it. My guess as to why the sidetone generator is fixed at 800 Hz, either to keep the sales $$$ down on the 450, otherwise if you wanted the tracking feature then you buy 850 or more upscale model.   --- In ts-850_450_690@yahoogroups.com, <wotbob01@...> wrote: Strange!
Bob WE6C

From: N6EV - Paul Carreiro < Paul@... >
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 30, 2013 12:30 AM
Subject: [TS-850_450_690] Re: TS-450 cw pitch

Bob, unfortunately that's not the case. The CW pitch setting affects the received tone only. The side tone (key down) is fixed at 800Hz regardless of the (received) CW pitch setting (menu 40). And unfortunately, there is no internal adjustment to change the side down frequency. Therefore the only zero beat method available after CW pitch is changed away from 800Hz is to use the 'rev' button as previously described. Once zero beated, the received tone will equal that which you have set in menu 40. Your side down will remain, now and forever, at 800Hz. See the note at the bottom of page 28 in the operating manual.

73 Paul N6EV

At 09:42 PM 8/29/2013, Bob, WE6C wrote:
>In the manual that I looked at,menu 40 says "The pitch during CW >reception can be set anywhere in the range of 400 to 800 Hz in 50 Hz >steps" Default is 800. This should mean that your side tone will be >whatever you set it at.
>When you zero beat, your sidetone should be at whatever you have >menu 40 set to.

[Non-text portions of this message have been removed]

12351. Re: [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 23:36:14 UTC
From: Bob Naylor
Topic: 12334 Message: 12351

Paul, I knew what you meant.
Bob WE6C

From: N6EV - Paul Carreiro <Paul@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 30, 2013 10:03 AM
Subject: Re: [TS-850_450_690] Re: TS-450 cw pitch

Uggg.. 'side down' should be 'side tone' in my previous message. I guess I shouldn't been typing at 12:30AM. :)

73 N6EV

At 12:30 AM 8/30/2013, I wrote:
>Bob, unfortunately that's not the case. The CW pitch setting affects
>the received tone only. The side tone (key down) is fixed at 800Hz
>regardless of the (received) CW pitch setting (menu 40). And
>unfortunately, there is no internal adjustment to change the side
>down frequency. Therefore the only zero beat method available after
>CW pitch is changed away from 800Hz is to use the 'rev' button as
>previously described. Once zero beated, the received tone will equal
>that which you have set in menu 40. Your side down will remain, now
>and forever, at 800Hz. See the note at the bottom of page 28 in the
>operating manual.

[Non-text portions of this message have been removed]

12352. Re: [TS-850_450_690] RE: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 23:40:44 UTC
From: Bob Naylor
Topic: 12334 Message: 12352

That's very strange that it would be designed that way. When you think about it, the side tone is just an oscillator which I'm sure can be modded if you wanted to. Clif, any thoughts?
Bob WE6C

From: "rzacharkow@..." <rzacharkow@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 30, 2013 2:18 PM
Subject: [TS-850_450_690] RE: TS-450 cw pitch

Gotta thank everyone who offered their thoughts on my question. This is a great group! I normally leave menu #40 on 800 Hz but as i get younger every year, a lower pitch can be easier on the ears! The suggestion to use the REV button to zero is a good one...tried it out today and liked it. My guess as to why the sidetone generator is fixed at 800 Hz, either to keep the sales $$$ down on the 450, otherwise if you wanted the tracking feature then you buy 850 or more upscale model. --- In ts-850_450_690@yahoogroups.com, <wotbob01@...> wrote: Strange!
Bob WE6C

From: N6EV - Paul Carreiro < Paul@... >
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 30, 2013 12:30 AM
Subject: [TS-850_450_690] Re: TS-450 cw pitch

Bob, unfortunately that's not the case. The CW pitch setting affects the received tone only. The side tone (key down) is fixed at 800Hz regardless of the (received) CW pitch setting (menu 40). And unfortunately, there is no internal adjustment to change the side down frequency. Therefore the only zero beat method available after CW pitch is changed away from 800Hz is to use the 'rev' button as previously described. Once zero beated, the received tone will equal that which you have set in menu 40. Your side down will remain, now and forever, at 800Hz. See the note at the bottom of page 28 in the operating manual.

73 Paul N6EV

At 09:42 PM 8/29/2013, Bob, WE6C wrote:
>In the manual that I looked at,menu 40 says "The pitch during CW
>reception can be set anywhere in the range of 400 to 800 Hz in 50 Hz
>steps" Default is 800. This should mean that your side tone will be
>whatever you set it at.
>When you zero beat, your sidetone should be at whatever you have
>menu 40 set to.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

12353. Re: [TS-850_450_690] Re: TS-450 cw pitch

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-30 16:23:04 UTC
From: Paul Carreiro
Topic: 12334 Message: 12353

Uggg.. 'side down' should be 'side tone' in my previous message. I guess I shouldn't been typing at 12:30AM. :)

73 N6EV

At 12:30 AM 8/30/2013, I wrote:
>Bob, unfortunately that's not the case. The CW pitch setting affects
>the received tone only. The side tone (key down) is fixed at 800Hz
>regardless of the (received) CW pitch setting (menu 40). And
>unfortunately, there is no internal adjustment to change the side
>down frequency. Therefore the only zero beat method available after
>CW pitch is changed away from 800Hz is to use the 'rev' button as
>previously described. Once zero beated, the received tone will equal
>that which you have set in menu 40. Your side down will remain, now
>and forever, at 800Hz. See the note at the bottom of page 28 in the
>operating manual.

12354. RE: RE: 450S USB off frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-31 00:18:27 UTC
From: <clif@...>
Topic: 12331 Message: 12354

An alignment menu is just that. Think of a bunch of pots and coils to adjust, where is default? In a menu driven alignment the pots and coils are replaced by a computer. There are no defaults therefore you can't do a reset to go back. That's why I caution about going into an alignment menu if you don't have the right equipment and the understanding of how it works. --- In ts-850_450_690@yahoogroups.com, <yankee495@gmail.com> wrote: Can't the radio be reset if he messes it up? I know it writes settings to memory, EPROM I think, so I guess he'd have to write the correct one to fix it? --- In ts-850_450_690@yahoogroups.com , <dlrust@...> wrote: Brian, in case you didn't know Cliff IS the expert among us.

What he is saying he doesn't want to help you commit suicide.

Dave

[Non-text portions of this message have been removed]

12355. Kenwood TS-850 problem - advice please?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-31 10:05:47 UTC
From: <m6usv@...>
Topic: 12355 Message: 12355

Hi all, I have been following the group for a while, I was given a TS-850 2 years ago from my friends grandad who is sadly now silent key. This rig had lots of problems which were all resolved and linked to the radio taken a bashing to the controls probably from a power supply. All was fixed with some new parts and the radio was operating correctly with quite a good number of QSOs to prove its correct operation. However yesterday I turned it on and noticed there as no receive, the ON AIR LED showed a dimly lit state and the radio seemed to think it was transmitting. This is the same when the mic is connected and disconnected. There is no power output from the radio until I actually hit the PTT and on occasion the dimly lit LED does go out and the radio will begin to receive again. I would guess that there is something wrong with the PTT circuit, maybe a dicky relay or capacitor not discharging but I thought it would be best to ask the experts who might be able to shed some light and shortcut me to the answer. thanks 73 Denis - M0USV

12356. RE: Kenwood TS-850 problem - advice please?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-08-31 16:00:06 UTC
From: <clif@...>
Topic: 12355 Message: 12356

 Look at the 47uf SM cap on the Car Unit. It has leaked and shorted the TXB line under it. Remove it and clean up the mess including cleaning out the burned PCB. You can us a regular 47uf cap in it's place. Clif --- In ts-850_450_690@yahoogroups.com, <m6usv@yahoo.co.uk> wrote: Hi all, I have been following the group for a while, I was given a TS-850 2 years ago from my friends grandad who is sadly now silent key. This rig had lots of problems which were all resolved and linked to the radio taken a bashing to the controls probably from a power supply. All was fixed with some new parts and the radio was operating correctly with quite a good number of QSOs to prove its correct operation. However yesterday I turned it on and noticed there as no receive, the ON AIR LED showed a dimly lit state and the radio seemed to think it was transmitting. This is the same when the mic is connected and disconnected. There is no power output from the radio until I actually hit the PTT and on occasion the dimly lit LED does go out and the radio will begin to receive again. I would guess that there is something wrong with the PTT circuit, maybe a dicky relay or capacitor not discharging but I thought it would be best to ask the experts who might be able to shed some light and shortcut me to the answer. thanks 73 Denis - M0USV

12357. TS-850S/INTERFACE CABLE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-02 17:50:31 UTC
From: <mack2500@...>
Topic: 12357   Message: 12357

HI ALL I HAVE A KENWOOD TS 850S I PURCHASED A AFTER MARKET CABLE   I AM TRYING TO GET THE FREQUENCY TO DISPLAY IN MY LOGGING SOFTWARE (N3FJP) WITHOUT ANY LUCK I CAN GET THE SOFTWARE   TO TASLK TO THE RIG BUT NOT IN REVERSE CHANGED ALL SETTINGS STILL NO LUCK   ANY HELP IS APPRECIATED THANKS   TOM   KA3MLS

12358. RE: TS-850S/INTERFACE CABLE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-05 00:24:39 UTC
From: <va3ag@...>
Topic: 12357 Message: 12358

Do you have an IF-232 C interface hook up to the TS-850S? I think you need that, also if you have a USB to serial cable make sure it has the FTDI chip. If you have the prolific driver cable you will have problems.

good luck

73

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

HI ALL I HAVE A KENWOOD TS 850S I PURCHASED A AFTER MARKET CABLE I AM TRYING TO GET THE FREQUENCY TO DISPLAY IN MY LOGGING SOFTWARE (N3FJP) WITHOUT ANY LUCK I CAN GET THE SOFTWARE TO TASLK TO THE RIG BUT NOT IN REVERSE CHANGED ALL SETTINGS STILL NO LUCK ANY HELP IS APPRECIATED THANKS TOM KA3MLS

12359. RE: TS-850S/INTERFACE CABLE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-05 00:30:50 UTC
From: <va3ag@...>
Topic: 12357 Message: 12359

You need a IF-232C to make it work.

73

VA3AG Aldo

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

HI ALL I HAVE A KENWOOD TS 850S I PURCHASED A AFTER MARKET CABLE I AM TRYING TO GET THE FREQUENCY TO DISPLAY IN MY LOGGING SOFTWARE (N3FJP) WITHOUT ANY LUCK I CAN GET THE SOFTWARE TO TASLK TO THE RIG BUT NOT IN REVERSE CHANGED ALL SETTINGS STILL NO LUCK ANY HELP IS APPRECIATED THANKS TOM KA3MLS

12360. Re: [TS-850_450_690] TS-850S/INTERFACE CABLE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-05 13:54:51 UTC
From: Lionel Booth
Topic: 12357 Message: 12360

The IF 232 changes the signal levels from rs232 to level required by the 850. There are a number of ways to do that as the IF232 can be hard to find. The IF232 schematic is on the web as are a few equal designs. Not complicated at all if you have to build.

Also I have seen several integrated cable assemblies that supposedly replace the IF 232 but I have no history on their use.

On Wednesday, September 4, 2013, wrote:

> **
>
>
> You need a IF-232C to make it work.
>
>
>
> 73
>
>
>
> VA3AG Aldo
>
>
> --- In TS-850_450_690@yahoogroups.com <javascript:_e({}, 'cvml',
> 'TS-850_450_690@yahoogroups.com');>, <ts-850_450_690@yahoogroups.com<javascript:_e({},
'cvml', 'ts-850_450_690@yahoogroups.com');>>
> wrote:
>
> HI ALL I HAVE A KENWOOD TS 850S I PURCHASED A AFTER MARKET CABLE I AM
> TRYING TO GET THE FREQUENCY TO DISPLAY IN MY LOGGING SOFTWARE (N3FJP)
> WITHOUT ANY LUCK I CAN GET THE SOFTWARE TO TASLK TO THE RIG BUT NOT IN
> REVERSE CHANGED ALL SETTINGS STILL NO LUCK ANY HELP IS
> APPRECIATED THANKS
> TOM KA3MLS
>
>
>

--
Sent from Gmail Mobile

12361. TS-450 and Timewave DSP 59+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-05 15:20:11 UTC
From: <rzacharkow@...>
Topic: 12361 Message: 12361

A little advice needed from the group...have a Timewave DSP-59+...but have not connected it as yet to the TS-450...
The 59+ has a PTTi jack...at the risk of sounding about as dumb as I actually am, do I need to make that connection, or simply hook up the audio jacks (I do not want cause any damage to the radio!).
And if the PPTi connection is recommended, what's the best way to do it?
(I have a KAM Plus in the closet, and it came with a cable that had the ACC2 connector and the 8 pin to the KAM, and on the 8 pin side was also a 3.5mm jack---I wonder if that would appropriate to use on the 59+, if even needed.)
Thanks in advance.
Rick

12362. Re: [TS-850_450_690] TS-450 and Timewave DSP 59+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-05 17:06:49 UTC
From: Jordan Arndt
Topic: 12361 Message: 12362

Rick,

You can simply connect the DSP-59+ in the audio line as intended. If you have feedback or audio issues without muting the 59+, you can then mute the 59+ by applying ground, if I recall correctly, to the PTT connector on the 59+.
There are gnd-on-PTT connections on the 450S but I can't say which or where without the manual on hand....Good DX and 73...Jordan VE6ZT

----- Original Message -----
From: rzacharkow@...
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 05, 2013 9:20 AM
Subject: [TS-850_450_690] TS-450 and Timewave DSP 59+

A little advice needed from the group...have a Timewave DSP-59+...but have not connected it as yet to the TS-450...

The 59+ has a PTTi jack...at the risk of sounding about as dumb as I actually am, do I need to make that connection, or simply hook up the audio jacks (I do not want cause any damage to the radio!).
And if the PPTi connection is recommended, what's the best way to do it?
(I have a KAM Plus in the closet, and it came with a cable that had the ACC2 connector and the 8 pin to the KAM, and on the 8 pin side was also a 3.5mm jack---I wonder if that would appropriate to use on the 59+, if even needed.)
Thanks in advance.
Rick

12363. Re: [TS-850_450_690] TS-450 and Timewave DSP 59+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-05 17:27:20 UTC
From: Richard Zacharkow
Topic: 12361 Message: 12363

Jordan,

Thanks for the rapid response! Will give it a go...
Good weekend!
73 de Rick N1NIJ

On Sep 5, 2013, at 1:06 PM, "Jordan Arndt" <Outposter30@shaw.ca> wrote:

> □
>
> Rick,
>
> You can simply connect the DSP-59+ in the audio line as intended. If you have feedback or audio issues without muting the 59+, you can then mute the 59+ by applying ground, if I recall correctly, to the PTT connector on the 59+.
> There are gnd-on-PTT connections on the 450S but I can't say which or where without the manual on hand....Good DX and 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> From: rzacharkow@...
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, September 05, 2013 9:20 AM
> Subject: [TS-850_450_690] TS-450 and Timewave DSP 59+
>
>
> A little advice needed from the group...have a Timewave DSP-59+...but have not connected it as yet to the TS-450...
>
> The 59+ has a PTTi jack...at the risk of sounding about as dumb as I actually am, do I need to make that connection, or simply hook up the audio jacks (I do not want cause any damage to the radio!).
> And if the PPTi connection is recommended, what's the best way to do it?
> (I have a KAM Plus in the closet, and it came with a cable that had the ACC2 connector and the 8 pin to the KAM, and on the 8 pin side was also a 3.5mm jack---I wonder if that would appropriate to use on the 59+, if even needed.)
> Thanks in advance.
> Rick
>
>
>

12364. Re: TS-450 and Timewave DSP 59

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-06 12:09:39 UTC
From: Lionel Booth
Topic: 12364 Message: 12364

I use a DSP59 with my 850. The fixed output from the 850 goes to the 59. The 59 line out goes to audio input on sound card, and the 59 output goes to the SP31 speaker channel A. The audio out of the 850 goes to the SP31 channel B.

I do not use the ptt connection on the 59. I run mostly digital and some cw.

--
Sent from Gmail Mobile

12365. Re: [TS-850_450_690] Re: TS-450 and Timewave DSP 59

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-06 14:43:00 UTC
From: Richard Zacharkow
Topic: 12364 Message: 12365

Thanks, Lionel!
73
Rick

Sent from my iPad

On Sep 6, 2013, at 8:09 AM, Lionel Booth <lionel24607@...> wrote:

> I use a DSP59 with my 850. The fixed output from the 850 goes to the 59. The 59 line out goes to audio input on sound card, and the 59 output goes to the SP31 speaker channel A. The audio out of the 850 goes to the SP31 channel B.
>
>
> I do not use the ptt connection on the 59. I run mostly digital and some cw.
>
>
> --
> Sent from Gmail Mobile
>

12366. RE: Re: [TS-850_450_690] TS-450 and Timewave DSP 59+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-10 00:05:20 UTC
From: <rzacharkow@...>
Topic: 12361 Message: 12366

Jordan:
Just a quick thank you...hooked up the 59+ as you described, and is doing the job just fine!!!! I don't use it all the time...it is for those extra noisy days....but I am happy to have it working!
73 de Rick N1NIJ

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

ï»¿
Rick,

You can simply connect the DSP-59+ in the audio line as intended. If you have feedback or audio issues without muting the 59+, you can then mute the 59+ by applying ground, if I recall correctly, to the PTT connector on the 59+.

There are gnd-on-PTT connections on the 450S but I can't say which or where without the manual on hand....Good DX and 73...Jordan VE6ZT

----- Original Message -----

From: rzacharkow@...

To: TS-850_450_690@yahoogroups.com

Sent: Thursday, September 05, 2013 9:20 AM

Subject: [TS-850_450_690] TS-450 and Timewave DSP 59+

A little advice needed from the group...have a Timewave DSP-59+...but have not connected it as yet to the TS-450...
The 59+ has a PTTi jack...at the risk of sounding about as dumb as I actually am, do I need to make that connection, or simply hook up the audio jacks (I do not want cause any damage to the radio!).

And if the PPTi connection is recommended, what's the best way to do it?

(I have a KAM Plus in the closet, and it came with a cable that had the ACC2 connector and the 8 pin to the KAM, and on the 8 pin side was also a 3.5mm jack---I wonder if that would appropriate to use on the 59+, if even needed.)

Thanks in advance.

Rick

12367. RE: Re: TS-450 and Timewave DSP 59

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-10 00:05:35 UTC
From: <rzacharkow@...>
Topic: 12364 Message: 12367

Lionel:
The 59+ plus is up and working....Thanks!
73 de Rick N1NIJ

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

I use a DSP59 with my 850. Â The fixed output from the 850 goes to the 59. Â The 59 line out goes to audio input on sound card, and the 59 output goes to the SP31 speaker channel A. Â The audio out of the 850 goes to the SP31 channel B. Â

I do not use the ptt connection on the 59. Â I run mostly digital and some cw. Â

--
Sent from Gmail Mobile

12368. Re: Re: [TS-850_450_690] TS-450 and Timewave DSP 59+

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-10 12:19:39 UTC
From: Jordan Arndt
Topic: 12361 Message: 12368

Rick....glad it all worked out for you...I used the 59+ with my 450S for years...Still have the 450 and an 850 and a Flex5000A...73...Jordan VE6ZT

----- Original Message -----
From: rzacharkow@...
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 09, 2013 6:05 PM
Subject: RE: Re: [TS-850_450_690] TS-450 and Timewave DSP 59+

Jordan:

Just a quick thank you...hooked up the 59+ as you described, and is doing the job just fine!!!! I don't use it all the time...it is for those extra noisy days....but I am happy to have it working!

73 de Rick N1NIJ

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

ï»¿
Rick,

You can simply connect the DSP-59+ in the audio line as intended. If you have feedback or audio issues without muting the 59+, you can then mute the 59+ by applying ground, if I recall correctly, to the PTT connector on the 59+.
There are gnd-on-PTT connections on the 450S but I can't say which or where without the manual on hand....Good DX and 73...Jordan VE6ZT

----- Original Message -----
From: rzacharkow@...
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 05, 2013 9:20 AM
Subject: [TS-850_450_690] TS-450 and Timewave DSP 59+

A little advice needed from the group...have a Timewave DSP-59+...but have not connected it as yet to the TS-450...

The 59+ has a PTTi jack...at the risk of sounding about as dumb as I actually am, do I need to make that connection, or simply hook up the audio jacks (I do not want cause any damage to the radio!).
And if the PPTi connection is recommended, what's the best way to do it?
(I have a KAM Plus in the closet, and it came with a cable that had the ACC2 connector and the 8 pin to the KAM, and on the 8 pin side was also a 3.5mm jack---I wonder if that would appropriate to use on the 59+, if even needed.)
Thanks in advance.
Rick

12369. my kenwood ts850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-24 06:40:08 UTC
From: <vk2faja@...>
Topic: 12369 Message: 12369

i have noticed a few little problems with it of late the monitor has stopped working and the voice recorder is working but u don't even know what is saying on play back not transmitting what now when been for a while the and when transmitting it will have very little power and a lot of ALC for a few seconds then drop back the other way just wondering if u know what the problems are if it some more of the caps need replacing or its something more major gone in the radio i have very experience when it comes repairs

Thanks & 73
Adam VK2FAJA

12370. TS850 Mic feedback with DSP unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-19 09:23:23 UTC
From: <m6gbt@...>
Topic: 12370 Message: 12370

Hi
Having a problem with Mic feedback when I connect my DSP9+ or MFJ784B tried rear speaker socket and front headphone socket. No apparent RFI issues when using Digital modes. Any suggestions, apart from leave the DSP out of line :-)

Thanks
Pete

12371. RE: Re: [TS-850_450_690] TS-850S/INTERFACE CABLE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-14 02:42:51 UTC
From: <va3ag@...>
Topic: 12357 Message: 12371

I use the IF-232 from ZLP Electronics with my TS-850S and I can tell you that this CAT interface does everything the Kenwood IF-232 and it is only a fraction of the price. The service from ZLP Electronics is second to none. I recommend this CAT interface.

73 de Aldo VA3AG

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

The IF 232 changes the signal levels from rs232 to level required by the 850. There are a number of ways to do that as the IF232 can be hard to find. The IF232 schematic is on the web as are a few equal designs. Not complicated at all if you have to build.

Also I have seen several integrated cable assemblies that supposedly replace the IF 232 but I have no history on their use.

On Wednesday, September 4, 2013, wrote:

You need a IF-232C to make it work.

73

VA3AG Aldo

--- In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

HI ALL I HAVE A KENWOOD TS 850S I PURCHASED A AFTER MARKET CABLE I AM TRYING TO GET THE FREQUENCY TO DISPLAY IN MY LOGGING SOFTWARE (N3FJP) WITHOUT ANY LUCK I CAN GET THE SOFTWARE TO TASLK TO THE RIG BUT NOT IN REVERSE CHANGED ALL SETTINGS STILL NO LUCK ANY HELP IS APPRECIATED THANKS TOM KA3MLS

--
Sent from Gmail Mobile

12372. Re: [TS-850_450_690] TS850 Mic feedback with DSP unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-24 21:20:01 UTC
From: Jim Baumann
Topic: 12370 Message: 12372

I had the same problem, and it drove me crazy for a while. You must use a different power source for the outboard dsp, than the one for the radio and that took care of my problem. If you use the same power source for both you will have RF.

From: "m6gbt@yahoo.com" <m6gbt@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 19, 2013 5:23 AM
Subject: [TS-850_450_690] TS850 Mic feedback with DSP unit

Hi
Having a problem with Mic feedback when I connect my DSP9+ or MFJ784B tried rear speaker socket and front headphone socket. No apparent RFI issues when using Digital modes. Any suggestions, apart from leave the DSP out of line :-)

Thanks
Pete

12373. Re: [TS-850_450_690] TS850 Mic feedback with DSP unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-24 21:43:53 UTC
From: Jim Baumann
Topic: 12370 Message: 12373

You must use a different power source than the one for the radio, to power the outboard dsp, or you will get rf from the dsp unit.This drove me crazy untill I accidentally ran across this information. It solved my problem. Jim AB9NA

From: Jim Baumann <kc9iak@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, September 24, 2013 5:20 PM
Subject: Re: [TS-850_450_690] TS850 Mic feedback with DSP unit

I had the same problem, and it drove me crazy for a while. You must use a different power source for the outboard dsp, than the one for the radio and that took care of my problem. If you use the same power source for both you will have RF.

From: "m6gbt@..." <m6gbt@yahoo.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 19, 2013 5:23 AM
Subject: [TS-850_450_690] TS850 Mic feedback with DSP unit

HiHaving a problem with Mic feedback when I connect my DSP9+ or MFJ784B tried rear speaker socket and front headphone socket. No apparent RFI issues when using Digital modes. Any suggestions, apart from leave the DSP out of line :-)ThanksPete

12374. Re: Re: [TS-850_450_690] TS-850S/INTERFACE CABLE

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-25 02:00:21 UTC
From: Tom Osborne
Topic: 12357 Message: 12374

I concur! I have 3 of them here - 2 for Kenwood and 1 for Yaesu. Work great and the price is right. 73
Tom W7WHY

I use the IF-232 from ZLP Electronics with my TS-850S and I can tell you that this CAT interface does everything the Kenwood IF-232 and it is only a fraction of the price. The service from ZLP Electronics is second to none. I recommend this CAT interface.

73 de Aldo VA3AG

12375. Re: [TS-850_450_690] my kenwood ts850s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-26 03:01:44 UTC
From: Alan Riley
Topic: 12369 Message: 12375

Adam, the problem with the power dropping off while the ALC jumps up is probably due to a defective dc-dc converter board. A web search on “ts-850 dc-dc converter” will give information on it. I had to replace one in my 30 mil s/n TS-850 a few months back. Unfortunately, I don’t think they are still available from Kenwood.

The audio problems could be due to a bad capacitor. I would check them closely for signs of leakage. I’ve had to replace a good many in my 30 mil unit but none at all in my 50 mil TS-850.

73,
Alan, KD5R

From: vk2faja@...
Sent: Tuesday, September 24, 2013 1:40 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] my kenwood ts850s

i have noticed a few little problems with it of late the monitor has stopped working and the voice recorder is working but u don't even know what is saying on play back not transmitting what now when been for a while the and when transmitting it will have very little power and a lot of ALC for a few seconds then drop back the other way just wondering if u know what the problems are if it some more of the caps need replacing or its something more major gone in the radio i have very experience when it comes repairs

Thanks & 73
Adam VK2FAJA

12376. 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-26 03:25:28 UTC
From: <wldn96@...>
Topic: 12376 Message: 12376

Hello to all. My 850 suddenly went from 100 watts output to 10-15 watts output. While talking into microphone at a normal level, the ALC meter reading pegs red. I can adjust the mic level control and bring the ALC into proper range but, RF Power drops to around 3 to 5 watts. The ALC level meter reading never ramps up and then down as is common with a bad DC TO DC Module. The RF Power Level Control located behind the Mic Level Control Has no effect at all. It will not change the RF Output Level. I happened to have a new spare DC TO DC Module on hand so I installed it with no change in operation. Apparently something else is the culprit. I have not gone any further at this point. Anyone out there care to throw out a remedy. This problem happens on all bands, with or without the Antenna Tuner, transmitting on an antenna or in to a dummy load. Thanks in advance for your thoughts...Larry N4QDE - West Tennessee, USA

12377. Re: [TS-850_450_690] 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-26 16:36:29 UTC
From: Bob Naylor
Topic: 12376 Message: 12377

Is the "tune" button (the one that shares the #7, not the auto tune button) activated? If so, only the carrier pot works and has limited output.I'm sure you've checked that but just in case. Power supply voltage OK?
Bob WE6C

_____
From: "wldn96@..." <wldn96@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 25, 2013 8:25 PM
Subject: [TS-850_450_690] 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Hello to all. My 850 suddenly went from 100 watts output to 10-15 watts output. While talking into microphone at a normal level, the ALC meter reading pegs red. I can adjust the mic level control and bring the ALC into proper range but, RF Power drops to around 3 to 5 watts. The ALC level meter reading never ramps up and then down as is common with a bad DC TO DC Module. The RF Power Level Control located behind the Mic Level Control Has no effect at all. It will not change the RF Output Level. I happened to have a new spare DC TO DC Module on hand so I installed it with no change in operation. Apparently something else is the culprit. I have not gone any further at this point. Anyone out there care to throw out a remedy. This problem happens on all bands, with or without the Antenna Tuner, transmitting on an antenna or in to a dummy load. Thanks in advance for your thoughts...Larry N4QDE - West Tennessee, USA

12378. RE: Re: [TS-850_450_690] 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-27 05:27:52 UTC
From: <wldn96@...>
Topic: 12376 Message: 12378

No the tune button is not activated....boy I wish it was something that simple. I have a shop manual for the rig. I believe I will take a look at the block diagram and see which circuit board has the ALC circuit on it and also see where the RF Power Level circuit is located. see If I can determine if there is commonality between the two for starters. Thanks for your question.

---In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

Is the "tune" button (the one that shares the #7, not the auto tune button) activated? If so, only the carrier pot works and has limited output.I'm sure you've checked that but just in case. Power supply voltage OK?
Bob WE6C

From: "wldn96@..." <wldn96@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 25, 2013 8:25 PM
Subject: [TS-850_450_690] 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Hello to all. My 850 suddenly went from 100 watts output to 10-15 watts output. While talking into microphone at a normal level, the ALC meter reading pegs red. I can adjust the mic level control and bring the ALC into proper range but, RF Power drops to around 3 to 5 watts. The ALC level meter reading never ramps up and then down as is common with a bad DC TO DC Module. The RF Power Level Control located behind the Mic Level Control Has no effect at all. It will not change the RF Output Level. I happened to have a new spare DC TO DC Module on hand so I installed it with no change in operation. Apparently something else is the culprit. I have not gone any further at this point. Anyone out there care to throw out a remedy. This problem happens on all bands, with or without the Antenna Tuner, transmitting on an antenna or in to a dummy load. Thanks in advance for your thoughts...Larry N4QDE - West Tennessee, USA

12379. RE: Re: [TS-850_450_690] 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-09-27 05:28:37 UTC
From: <wldn96@...>
Topic: 12376 Message: 12379

Sorry Bob I jumped to fast and answered only the first question. The Power Supply Voltage is 13.8 during receive and not much less during transmit due to the output power being low as well. If I ever figure this problem out myself, I will post the repair here. Thanks again Bob.

---In TS-850_450_690@yahoogroups.com, <ts-850_450_690@yahoogroups.com> wrote:

Is the "tune" button (the one that shares the #7, not the auto tune button) activated? If so, only the carrier pot works and has limited output.I'm sure you've checked that but just in case. Power supply voltage OK?
Bob WE6C

From: "wldn96@..." <wldn96@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, September 25, 2013 8:25 PM
Subject: [TS-850_450_690] 850SAT-LOW RF OUTPUT,ALC PEGGED...HELP NEEDED

Hello to all. My 850 suddenly went from 100 watts output to 10-15 watts output. While talking into microphone at a normal level, the ALC meter reading pegs red. I can adjust the mic level control and bring the ALC into proper range but, RF Power drops to around 3 to 5 watts. The ALC level meter reading never ramps up and then down as is common with a bad DC TO DC Module. The RF Power Level Control located behind the Mic Level Control Has no effect at all. It will not change the RF Output Level. I happened to have a new spare DC TO DC Module on hand so I installed it with no change in operation. Apparently something else is the culprit. I have not gone any further at this point. Anyone out there care to throw out a remedy. This problem happens on all bands, with or without the Antenna Tuner, transmitting on an antenna or in to a dummy load. Thanks in advance for your thoughts...Larry N4QDE - West Tennessee, USA

12380. TS450 Display too bright

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-01 16:46:09 UTC
From: <9w2tzw@...>
Topic: 12380 Message: 12380

Hi,
i recently got TS450 from my friend.The problem with the transceiver is the display too bright and i could not read the display properly...but the radio got no problem with RX /TX and AT-tuner.any suggestion? thanks

Regards,
Hafizi,
9W2TZW

12381. Re: TS450 Display too bright

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-01 17:08:58 UTC
From: nigel.fenton@btinternet.com
Topic: 12380 Message: 12381

Try some dark sun glasses ;)

when you say too bright do you mean incorrect contrast lit/unlit sections?

Regards
Nigel G0JKN

12382. TS 450 S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-02 12:54:40 UTC
From: <fungkh2004@...>
Topic: 12382 Message: 12382

Hi, I just owned a TS 450 S , until I realize, there is a problem on the display. I believe there is many of this model of owner had a same problem., It was difficult to read the frequencies number, which can also said, it was too bright, I need to look from side, or at the correct angle to see the frequency number, please help or advice, how to solve this problem. Thanks.

12383. Re: TS 450 S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-02 15:31:54 UTC
From: Hafizi Ibrahim
Topic: 12382 Message: 12383

same with me...still looking solutions for this problem...

--
Regards,
*HAFIZI IBRAHIM,
9W2TZW -Malaysian Radio Operator
ITU ZONE 54 , CQ ZONE 28
Grid Locator : OJ14ro
*

12384. Re: [TS-850_450_690] Re: TS 450 S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-02 23:19:45 UTC
From: Fung Kin Hau
Topic: 12382 Message: 12384

Dear Hafizi,
I searched some info from internet, it may be the display inverter VDC regulator , which caused the display too bright, my final solution is sending to a radio shop for fix, if they can fix here, I will inform you , maybe you can send yours to sabah and repair. But, I am still looking for a best solution and what caused the regulator damaged. Will update you , nice to know you hafizi.

73's
de 9M6LZY

Best Regards,
Fung

From: Hafizi Ibrahim <9w2tzw@gmail.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 2, 2013 11:31 PM
Subject: [TS-850_450_690] Re: TS 450 S

same with me...still looking solutions for this problem...

--

Regards,
HAFIZI IBRAHIM,
9W2TZW -Malaysian Radio Operator
ITU ZONE 54 , CQ ZONE 28
Grid Locator : OJ14ro

12385. Ts-450 c104 what to use for clean up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-05 09:18:22 UTC
From: <n8ibz1@...>
Topic: 12385 Message: 12385

Just picked up a 450 and c104 had leaked just around its self. When I took the filter cover off i notice that most of c104 had dripped down onto the filter cover so most didn't get on the board or I just got lucky. I want to clean this up and just wondered what everyone is using. Also picked up a battery to change that out but haven't tore it down yet to see if has leaked.

Why is the c104 so leaky does it need to be a higher voltage? Why is this one the one that fails in all the 450's?

73 Mark N8ibz

12386. TS850D +AT no Tx output power

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-05 12:09:28 UTC
From: Michel Spelier
Topic: 12386 Message: 12386

Hello,

I have developed a Tx-problem on a largely underused TS850D (serial number >3M) fit with integrated antenna tuner and both Inrad 400Hz CW filters.
(with or without the large Kenwood PS-50 PSU)
The Rx still works like a charm...

The meters show normal output power/modulation/VSWR indication but there is no signal audible on the monitoring RX.
At least not for a sustained period...
I have briefly heard the carrier (some ms) after key or PTT activation ...

On SSB, the ALC occasionally points to maximum so I replaced both the:
-DC/DC converter board (hb copy of OZ1BXM's) and
-the ten 10µF/10V SMD by 16V variants (the 47µF SMD was replaced earlier by a larger electrolytic one)
There were 3 obvious leaking SMD caps on the carrier board and these areas were cleaned with a fiber pencil.

Before deciding to let it go for spares, what else should I try, should I measure?

Thanks for sharing your experience,

73,

Michel, ON7EH

12387. TS-450 SSb filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-06 18:43:14 UTC
From: <n8ibz1@...>
Topic: 12387 Message: 12387

Have a question about the TS-450 8.83 filters.

Can I put in a 2.4 in #2 8.83

and then put the 1.8 in #3 8.83

The manual states that either cw/ssb filters can be installed in the two positions where 8.83mhz filters are installed.

I am using the 450 for SSB only and also want to put an Inrad SSB filter in the 455 slot.

Thanks in advance for any input.

73 Mark N8IBZ

12388. Re: [TS-850_450_690] TS-450 SSb filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-07 03:33:26 UTC
From: N2MHO
Topic: 12387 Message: 12388

Mark,

You can, and I have; it works fine.

As long as you know the 1.8 is in the SSB position, it doesn't matter that it says "CW."

The radio remembers the last combination of filters used per mode.

Mike n2mho in SNJ

On Sun, Oct 6, 2013 at 2:43 PM, <n8ibz1@...> wrote:

> **
>
>
> Have a question about the TS-450 8.83 filters.
>
>
>
> Can I put in a 2.4 in #2 8.83
>
> and then put the 1.8 in #3 8.83
>
>
>
> The manual states that either cw/ssb filters can be installed in the two
> positions where 8.83mhz filters are installed.
>
>
>
> I am using the 450 for SSB only and also want to put an Inrad SSB filter
> in the 455 slot.
>
>
>
> Thanks in advance for any input.
>
>
>
> 73 Mark N8IBZ
>
>
>

12389. Re: [TS-850_450_690] TS-450 SSb filters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-07 02:57:02 UTC
From: <wa7zyq@...>
Topic: 12387 Message: 12389

Mine is set up that way. Works great – as long as you retune the PBT to reflect the change in bandwidth when you switch in the 1.8 KHz filter. I have a .5 KHz in the 455 slot, so can't say if putting another sideband filter into that slot that improves it more.

David, WA7ZYQ

From: n8ibz1@...
Sent: Sunday, October 06, 2013 11:43 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450 SSb filters

Have a question about the TS-450 8.83 filters.

Can I put in a 2.4 in #2 8.83

and then put the 1.8 in #3 8.83

The manual states that either cw/ssb filters can be installed in the two positions where 8.83mhz filters are installed.

I am using the 450 for SSB only and also want to put an Inrad SSB filter in the 455 slot.

Thanks in advance for any input.

73 Mark N8IBZ

12390. Re: [TS-850_450_690] Re: TS 450 S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-03 02:39:14 UTC
From: Cclarkkentyahoo Mail
Topic: 12382 Message: 12390

I love the name!!!

73
Matt
NG2Q

Sent from my iPad

> On Oct 2, 2013, at 4:19 PM, Fung Kin Hau <fungkh2004@...> wrote:
>
>
> Dear Hafizi,

> I searched some info from internet, it may be the display inverter VDC regulator , which caused the display too bright, my final solution is sending to a radio shop for fix, if they can fix here, I will inform you , maybe you can send yours to sabah and repair. But, I am still looking for a best solution and what caused the regulator damaged. Will update you , nice to know you hafizi.
>
> 73's
> de 9M6LZY
>
> Best Regards,
> Fung
> From: Hafizi Ibrahim <9w2tzw@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 2, 2013 11:31 PM
> Subject: [TS-850_450_690] Re: TS 450 S
>
>
> same with me...still looking solutions for this problem...
>
> --
> Regards,
> HAFIZI IBRAHIM,
> 9W2TZW -Malaysian Radio Operator
> ITU ZONE 54 , CQ ZONE 28
> Grid Locator : OJ14ro
>
>
>

12391. TS 450 Repair Advice

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-11 14:57:25 UTC
From: <wa8dof@...>
Topic: 12391 Message: 12391

Hi Guys

New member here, seeking advice.

An older friend just gave me his TS-450 S and ask me to repair it. He said he was trying to load a random antenna on 20 meters and "the smoke came out".

I found that the lightening suppressor (DSA 301 LA) is now a melted lump of glass and the smoke he detected was the circuit board charring. The traces appear to be intact, but I do not know what other damage he has done. he says the receiver still works well.

I have a couple of questions.

First, does anyone know of a replacement part for this DSA301LA ? I can not find the part listed at any of my usual sources.

Second, does this part do anything besides provide protection from static buildup? I would like to power up the transmitter into a dummy load to see if he smoked any other components, but am reluctant to do so without this part installed. (I removed the melted part).

Thank you for reading and any help you can offer.

Dave

12392. Inrad #95 for ts-450 - Which pins to cut?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-12 08:42:05 UTC
From: <n8ibz1@...>
Topic: 12392 Message: 12392

I did a search and found a chat about which pins to cut to install the Inrad #95 but never did find the answer. Anyone have a pic of which 2 pins to cut off. If a pic is not available here I will add it once I find the answer. Inrad sends instructions but I picked this one up used, hence the reason why I am asking the question.

73 Mark Adams N8IBZ

12393. Re: [TS-850_450_690] TS 450 Repair Advice

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-13 00:40:07 UTC
From: Ausbin Pippin
Topic: 12391 Message: 12393

I had to replace one these on my TS-690S last year and it was available from Kenwood out in California and as what I remember was not that expensive. Give them a call and talk to one of their parts department people as they were very helpful. They also had great service when it came to mailing it to me.

Hope that help and good luck.

73's, A.G., K5ZRR

From: "wa8dof@..." <wa8dof@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 11, 2013 10:57 AM
Subject: [TS-850_450_690] TS 450 Repair Advice

Hi Guys

New member here, seeking advice.

An older friend just gave me his TS-450 S and ask me to repair it. He said he was trying to load a random antenna on 20 meters and "the smoke came out".

I found that the lightening suppressor (DSA 301 LA) is now a melted lump of glass and the smoke he detected was the circuit board charring. The traces appear to be intact, but I do not know what other damage he has done. he says the receiver still works well.

I have a couple of questions.

First, does anyone know of a replacement part for this DSA301LA ? I can not find the part listed at any of my usual sources.

Second, does this part do anything besides provide protection from static buildup? I would like to power up the transmitter into a dummy load to see if he smoked any other components, but am reluctant to do so without this part installed. (I removed the melted part).

Thank you for reading and any help you can offer.

Dave

12394. Re: [TS-850_450_690] TS 450 Repair Advice

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-13 11:34:01 UTC
From: Dave VanDenburg
Topic: 12391 Message: 12394

Thanks Ausbin

I never thought to try Kenwood. Boy am I dumb! My regular parts suppliers do not list it and I could not even find a data sheet to determine the specs.

I will give Kenwood a call tomorrow.

73, Dave

On Saturday, October 12, 2013 8:42 PM, Ausbin Pippin <k5zrr@...> wrote:

I had to replace one these on my TS-690S last year and it was available from Kenwood out in California and as what I remember was not that expensive. Give them a call and talk to one of their parts department people as they were very helpful. They also had great service when it came to mailing it to me.

Hope that help and good luck.

73's, A.G., K5ZRR

From: "wa8dof@..." <wa8dof@...>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 11, 2013 10:57 AM
Subject: [TS-850_450_690] TS 450 Repair Advice

Hi Guys

New member here, seeking advice.

An older friend just gave me his TS-450 S and ask me to repair it. He said he was trying to load a random antenna on 20 meters and "the smoke came out".

I found that the lightening suppressor (DSA 301 LA) is now a melted lump of glass and the smoke he detected was the circuit board charring. The traces appear to be intact, but I do not know what other damage he has done. he says the receiver still works well.

I have a couple of questions.

First, does anyone know of a replacement part for this DSA301LA ? I can not find the part listed at any of my usual sources.

Second, does this part do anything besides provide protection from static buildup? I would like to power up the transmitter into a dummy load to see if he smoked any other components, but am reluctant to do so without this part installed. (I removed the melted part).

Thank you for reading and any help you can offer.

Dave

12395. RE: BFO Shifting and CW receive distorted on TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-14 21:27:34 UTC
From: <nm9p@...>
Topic: 12319 Message: 12395

UPDATE:
It turned out to be about 10 leaky caps. I hadn't been able to notice the damage. But a trip off to AVVid and it is back and working fine for a very reasonable price. It now has a new home with a friend down the street.

Thanks, Cliff!

---In ts-850_450_690@yahoogroups.com, <clif@...> wrote:

The pots tell the the DDS chips what frequency to generate for the car osc.

--- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@...> wrote:
>
> It is possible that when I used a screwdriver to loosen the filters, which had been in there for 20 years, that I may have bumped something on the filter side.
>
> I was pretty careful when I set the dip stitches. There is not much to that. Which pots should I check? And how do I check them?
>
> I've been a ham a long time, but even 20 year-old surface mount stuff gets a little small for my eyes...
>
> Do the pots set the switching logic that selects various frequencies, or what?
>
> Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > It sounds like it should have the new DDS IC's. Are you sure you didn't bump the little pots when you turned off the switches for the optional filters? They set the car osc and that sounds like what the problem is.
> >
> > Clif
> >
> > --- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > >
> > > Thanks for your reply, Cliff.
> > > Serial number on the rig is in the 50 million series.
> > > I bought it new in 1993 and have never had a single problem with it!
> > > I don't have the rig in my possession right now. It is at my friend's house. But I would assume that the DDS IC's are of the newer vintage.

> > >
> > > DO you need me to go over and open it up?
> > >
> > > Thanks again. Ken
> > >
> > > BTW... He checked for me and when listening to yourself on SSB through the monitor, on USB the voice pitch is HIGH, and on LSB the voice pitch is LOW. like you are tuned wrong...
> > >
> > >
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "avvidclif" <clif@> wrote:
> > > >
> > > > What is the SN of the radio?What is the PN of the DDS IC's on the car board?
> > > >
> > > > Clif
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > > > >
> > > > > Updated Information:
> > > > >
> > > > > After replacing the filters, and loosening and tightening all the screws I could find on the IF board side of the rig, the malfunction is still occurring.
> > > > >
> > > > > Further testing also revealed the following:
> > > > >
> > > > > 1) When quickly clicking the mike, the shift goes through 3 or 4 different shifts and returns to "normal."
> > > > >
> > > > > 2) When transmitting on USB and listening to myself in the monitor, my voice pitch is raised about 1 KHz, as though I am tuned off frequency. This happens on every transmit, no matter which of the 3 toggles the receive shift is in when I hit transmit.
> > > > >
> > > > > I didn't check LSB because I didn't think of it. My friend will check it later and email the result. I am certain that it will be shifted the same, or perhaps 1 KHz low.
> > > > >
> > > > > 3) The receive shift doesn't seem to happen in CW mode.
> > > > > I didn't think to check RTTY mode.
> > > > >
> > > > > 4) After re[placing the CW filters, I note that the CW receive note is pure when the 500 Hz 455 KHz IF filter is in line. But when the .455 IF is set to 12, 6 or 2.7 KHz width, the CW note is distorted and has a two-tone harmonic quality to it. This does not change when changing the filter width in the 8.83 Mhz IF through any of the filter settings - 12, 6, 2.7 or .250 KHz...
> > > > >
> > > > > My best guess is that the logic board is causing the BFO to cycle through the different offsets that it should have for USB, LSB, CW & RTTY.

> > > > >
> > > > > Any other info out there?
> > > > >
> > > > > Thanks, Ken - NM9P
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@> wrote:
> > > > > >
> > > > > > Here is an interesting problem that just started on my 20 year-old (1993 - 50 Million series serial number) TS-850SAT.
> > > > > >
> > > > > > Background:
> > > > > > I received delivery of my new FLEX-6500 Wednesday and sold my 850 to a friend. Before he picked it up last night I removed the 250 Hz filter in the 8.83 Mhz IF and the 500Hz filter in the 455 KHz IF. I did not put the screws back in the board. I DID change the DIP switches under the top cover as the manual requires.
> > > > > >
> > > > > > The Problem:
> > > > > > This evening (one day later) he called me with the following problem:
> > > > > > While listening to a station on SSB (USB or LSB makes no difference), when he clicks the mike briefly, the receive jumps frequency a few hundred Hz. BUT the VFO frequency doesn't change at all. If you click several time, it will jump 2 - 3 times and then return to regular frequency.
> > > > > >
> > > > > > Upon further tests, it occurred to me that when it happens, if you retune the station, it sounds like the "passband tuning" has been changed - i.e the BFO injection frequency apparently has changed.
> > > > > >
> > > > > > Successive "clicks" and the rig returns to proper frequency, and proper fidelity.
> > > > > >
> > > > > > During additional tests I switched to CW mode and found that all of the signals were distorted and sounded more like square waves instead of nice sine waves. switching back to SSB mode, the same CW signals were clean and pure.
> > > > > >
> > > > > > Question: Did something happen when I removed the filters?
> > > > > > or is this just a coincidence?
> > > > > >
> > > > > > I plan to replace the filters tomorrow and see if it changes anything.
> > > > > >
> > > > > > Additional Info:
> > > > > > 1) I do NOT have the battery replacement mod, but the battery looks clean, as does the circuit board. But it looks like one of the welds might have become detached from the pin that solders it to the top of the board. I couldn't tell without removing it. I am not sure I want to take on that job.
> > > > > >
> > > > > > 2) I HAVE reset/restarted the rig several times.... using the A=B + power on routine. Also did the VFO A + Power ON reset.
> > > > > >

> > > > > > 3) The first time I did the a=b reset, all the sound sounded very garbles and "jumpy, like the VFO couldn't make up its mind what frequency to be on. After doing the MEM A + Power On reboot that cleared up, but the initial problem still was happening.
> > > > > >
> > > > > >
> > > > > > I need a solution. My Friend is a new ham and longing for this rig.
> > > > > > >
> > > > > > Thanks for any help you can give.
> > > > > > >
> > > > > > Ken - NM9P
> > > > > > >
> > > > > >
> > > > >
> > > >
> > >
>

12396. TS-450 board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-18 04:32:37 UTC
From: Tom Osborne
Topic: 12396 Message: 12396

HI All

I know this is probably impossible, but I need a board for my TS-450 if anyone is parting one out.

I need the X46-3120-00 board with the CAT controller. Mine went south and now it won't recognize the computer any more. Thanks and 73
Tom W7WHY

12397. Re: TS-450 board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-18 15:07:45 UTC
From: John
Topic: 12396 Message: 12397

I have the same problem. Does anyone have experance troubleshooting/repairing this board? Please post. Thanks John
--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@...> wrote:
>
> HI All
>
> I know this is probably impossible, but I need a board for my TS-450 if
> anyone is parting one out.
>
> I need the X46-3120-00 board with the CAT controller. Mine went south and
> now it won't recognize the computer any more. Thanks and 73
> Tom W7WHY
>

12398. TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-18 23:12:46 UTC
From: Zack
Topic: 12398 Message: 12398

I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.

When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.

The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.

It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.

I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.

Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.

The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.

If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.

Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.

Zack Clobes, W0ZC

12399. Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-19 22:09:11 UTC
From: Zack
Topic: 12398 Message: 12399

I re-read my notes and it does always work at 7MHz too. I realized that the AIP turns on automatically below 9.5MHz so after some tinkering, I think that's where my problem is.

The radio will work with AIP on, but not without it.

The AIP feature is new to me, so it's time for me to do some reading on that...

Zack

--- In TS-850_450_690@yahoogroups.com, "Zack" <zclobes@...> wrote:
>
> I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
>
> When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.
>
> The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
>
> It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
>
> I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
>
> Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.
>
> The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
>
>
> If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
>
> Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
>
>
> Zack Clobes, W0ZC
>

12400. DSP-100 wanted

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-19 22:25:59 UTC
From: w7fe
Topic: 12400 Message: 12400

My friend Rick, N5IZC, asked me the other day if I had seen a DSP-100 come up for sale recently on any of the usual online sources. I had not, and based on a bit of subsequent archive searching, it would appear that there aren't many of these changing hands out there.

If anyone on this group has a line on an available DSP-100, please contact N5IZC, Rick, using his email address as listed on www.qrz.com.

Thanks and 73 de Stu, W7FE
Henderson, NV

12401. Re: [TS-850_450_690] Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 00:02:53 UTC
From: Ve3mph
Topic: 12398 Message: 12401

Going to be parting out a ts-450 all is to go but the pll board because I think it has a problem with it. It goes the the dots and it will read out 50mhz on it but won't stay it goes to the dots. I know this radio does not do 50mhz but this one does. Also the guy I got the radio from had someone change one of the 6631 chips to a 66312 chip. Radio worked when I got it and was got to try to fix it but it sat for about 4 or 5 mouths then I hooked it up and was going to start working on it and the dots came up on it... So now I'm going to sell it as a hole to someone AS IS or I'm going to part it out to people who need parts to fix there's. All parts are going to be sold AS IS. Would like to sell as 1lot to make it easer on me..lol.. Lets get the prices going on it.. If you won't pics please just email me to ve3mph at yahoo dot com you all now how to fix the email address.. Thanks

Sent from my iPod

On 2013-10-19, at 6:09 PM, "Zack" <zclobes@...> wrote:

> I re-read my notes and it does always work at 7MHz too. I realized that the AIP turns on automatically below 9.5MHz so after some tinkering, I think that's where my problem is.
>
> The radio will work with AIP on, but not without it.
>
> The AIP feature is new to me, so it's time for me to do some reading on that...
>
> Zack
>
> --- In TS-850_450_690@yahoogroups.com, "Zack" <zclobes@...> wrote:
> >
> > I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
> >
> > When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.
> >
> > The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
> >
> > It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
> >
> > I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
> >
> > Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.
> >

> > The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
> >
> >
> > If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
> >
> > Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
> >
> >
> > Zack Clobes, W0ZC
> >
>
>

12402. TS-450 Tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 02:13:54 UTC
From: <verotex@...>
Topic: 12402 Message: 12402

Have a TS-450 AT and the Tuner is not working....need some help to check how I can repair this
Thanks
AE4TO

12403. Re: [TS-850_450_690] TS-450 Tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 02:16:34 UTC
From: Ve3mph
Topic: 12402 Message: 12403

What's wrong with it need more info. Does it power on?? If so does it rx/tx if so or not what one does it do or does not do.

Sent from my iPod

On 2013-10-19, at 10:13 PM, <verotex@...> wrote:

> Have a TS-450 AT and the Tuner is not working....need some help to check how I can repair this
> Thanks
> AE4TO
>
>

12404. TS-450 CW IDENT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 06:23:16 UTC
From: <n9he_steve@...>
Topic: 12404 Message: 12404

Is there a way to change the speed of the Morse Code/CW Ident for the mode buttons: LSB/USB etc.?

12405. RE: Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 15:31:37 UTC
From: <robzs5la@...>
Topic: 12398 Message: 12405

Hi Zack

The AIP "on" means the RF signal from the antenna bypasses the RF pre-amp and feeds right into the 1st mixer. With AIP "off" it goes via the pre-amp. So...the problem may lie with the pre-amp not working anymore. AIP stands for "Advanced Intercept Point" and by by-passing the pre-amp, it improves the dynamic range of the receiver. Q9 and Q10 are the FETs for the pre-amp. Check if they are getting power or else they may be defective. Q9 and Q10 are wired in parallel and are on the RF unit PCB.
Hope this helps your trouble-shooting.

73

Rob ZS5LA

---In ts-850_450_690@yahoogroups.com, <ve3mph@...> wrote:

Going to be parting out a ts-450 all is to go but the pll board because I think it has a problem with it. It goes the the dots and it will read out 50mhz on it but won't stay it goes to the dots. I know this radio does not do 50mhz but this one does. Also the guy I got the radio from had someone change one of the 6631 chips to a 66312 chip. Radio worked when I got it and was got to try to fix it but it sat for about 4 or 5 mouths then I hooked it up and was going to start working on it and the dots came up on it... So now I'm going to sell it as a hole to someone AS IS or I'm going to part it out to people who need parts to fix there's. All parts are going to be sold AS IS. Would like to sell as 1lot to make it easer on me..lol.. Lets get the prices going on it.. If you won't pics please just email me to ve3mph at yahoo dot com you all now how to fix the email address.. Thanks

Sent from my iPod

On 2013-10-19, at 6:09 PM, "Zack" <zclobes@... mailto:zclobes@...> wrote:

I re-read my notes and it does always work at 7MHz too. I realized that the AIP turns on automatically below 9.5MHz so after some tinkering, I think that's where my problem is.

The radio will work with AIP on, but not without it.

The AIP feature is new to me, so it's time for me to do some reading on that...

Zack

--- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "Zack" <zclobes@...> wrote:
>
> I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
>
> When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.

>
> The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
>
> It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
>
> I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
>
> Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.
>
> The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
>
>
> If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
>
> Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
>
>
> Zack Clobes, W0ZC
>

12406. RE: TS-450 Tuner not working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 18:54:30 UTC
From: <verotex@...>
Topic: 12402 Message: 12406

Thanks for the reply. I turned the radio on and push the Auto/thru and them the tune in and nothing happens.
Like if the tuner was not being activated. I did check the connections and inside and itt looks connected.
I am going to see if electrical power is reaching it.
Thanks
Sergio

---In ts-850_450_690@yahoogroups.com, <ve3mph@...> wrote:

What's wrong with it need more info. Does it power on?? If so does it rx/tx if so or not what one does it do or does not do.

Sent from my iPod

On 2013-10-19, at 10:13 PM, <verotex@... mailto:verotex@...> wrote:

Have a TS-450 AT and the Tuner is not working....need some help to check how I can repair this
Thanks
AE4TO

12407. Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-20 21:45:47 UTC
From: Zack
Topic: 12398 Message: 12407

Thanks for the info on the AIP. I've traced the control line back into the RF board and I find the three transistors (Q11-Q13) that bias the PIN diodes. The voltages in this circuit are all very consistent with the Service Manual.

I'm doing my testing at 14.155MHz, so the Q9/Q10 amp should be the only active components in the path.

Right now, all of the PIN biasing looks correct, and I have about 11V into the amp, with the other two legs of the FET's at 0V and ~3V, which should be about right according the SM. I'm not finding any DC paths to ground that shouldn't be there.

I tried bypassing the RF path by putting a cap across D28 to D30 which made no difference. I also injected some 14.155MHz RF directly into input transformer at the first mixer (L51), which still made no difference.

It would seem that the problem HAS to be right in this area - I'm sure I'm staring right at it. Is there ANYWHERE else that the AIP control circuit goes?

--- In TS-850_450_690@yahoogroups.com, <robzs5la@...> wrote:
>
>
> Hi Zack
>
> The AIP "on" means the RF signal from the antenna bypasses the RF pre-amp and feeds right into the 1st mixer. With AIP "off" it goes via the pre-amp. So...the problem may lie with the pre-amp not working anymore. AIP stands for "Advanced Intercept Point" and by by-passing the pre-amp, it improves the dynamic range of the receiver. Q9 and Q10 are the FETs for the pre-amp. Check if they are getting power or else they may be defective. Q9 and Q10 are wired in parallel and are on the RF unit PCB.
> Hope this helps your trouble-shooting.
>
> 73
>
> Rob ZS5LA
>
> ---In ts-850_450_690@yahoogroups.com, <ve3mph@> wrote:
>
>
> Going to be parting out a ts-450 all is to go but the pll board because I think it has a problem with it. It goes the the dots and it will read out 50mhz on it but won't stay it goes to the dots. I know this radio does not do 50mhz but this one does. Also the guy I got the radio from had someone change one of the 6631 chips to a 66312 chip. Radio worked when I got it and was got to try to fix it but it sat for about 4 or 5 mouths then I hooked it up and was going to start working on it and the dots came up on it... So now I'm going to sell it as a hole to someone AS IS or I'm going to part it out to people who need parts to fix there's. All parts are going to be sold AS IS. Would like to sell as 1lot to make it

easer on me..lol.. Lets get the prices going on it.. If you won't pics please just email me to ve3mph at yahoo dot com you all now how to fix the email address.. Thanks
>
> Sent from my iPod
>
> On 2013-10-19, at 6:09 PM, "Zack" <zclobes@ mailto:zclobes@> wrote:
>
>
> I re-read my notes and it does always work at 7MHz too. I realized that the AIP turns on automatically below 9.5MHz so after some tinkering, I think that's where my problem is.
>
> The radio will work with AIP on, but not without it.
>
> The AIP feature is new to me, so it's time for me to do some reading on that...
>
> Zack
>
> --- In TS-850_450_690@yahoogroups.com mailto:TS-850_450_690@yahoogroups.com, "Zack" <zclobes@> wrote:
> >
> > I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
> >
> > When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.
> >
> > The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
> >
> > It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
> >
> > I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
> >
> > Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.
> >
> > The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
> >
> >
> > If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
> >
> > Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
> >
> >
> > Zack Clobes, W0ZC
> >

>

12408. Re: Just pick up a TS-850SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-23 20:52:17 UTC
From: John tf
Topic: 12408 Message: 12408

Low power on SSB , ok on other modes ?
Can not get back into yahoo groups
John
KD0CAC

On Fri, Sep 9, 2011 at 5:12 PM, John Faughn <john.faughn@...> wrote:

> This was a estate rig , about a yrs. since used last .
> I am finding that it is off freq. , found another ham that did some
> repairs by installing a cap-kit from some one on eBay , he was happy .
> Another linked my to this group , hope to find lots of good info ?
> Thanks John
> KD0CAC
> 73
>

12409. Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-28 03:07:40 UTC
From: Zack
Topic: 12398 Message: 12409

Finally figured this out this afternoon. It turns out that the problem was rooted in the C104 problem on the IF board. I had just glanced at the board and thought someone else had already replaced that cap, but it turns out that they hadn't.

Buried back behind the 455kHz filters I found a glob of electrolyte from the capacitor that was bridging the AIP control line with the Receive Muting control line. Basically that electrolyte had eaten through the solder mask and was putting a high (active) on the Rx Mute, randomly when the AIP was turned on (high).

Pulled out the bad cap, cleaned up the board, put it back together and the rig is working great!

Zack

--- In TS-850_450_690@yahoogroups.com, "Zack" <zclobes@...> wrote:
>
> I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
>
> When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.
>
> The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
>
> It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
>
> I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
>
> Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.
>
> The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
>
>
> If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
>
> Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
>
>
> Zack Clobes, W0ZC

>

12410. TS-450SAT - No TX in any mode, Ant. Tuner inop - error CHEK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-28 20:38:07 UTC
From: <dangit5@...>
Topic: 12410 Message: 12410

I ran into a past message with lots of replies and lots of useful info - back from late 2009 - early 2010 about this problem.

The problem is , that thread did not conclude with -fix-. a lot of check this, check that but no message with the AH HA! moment.

My 450SAT has no TX, nothing switching, the symptoms of PTT on power up. I have yet to all the check voltages mentioned in the 2010 thread. But I did check the voltage on pin 2 of the mic connector. I didn't get the 8V, I have 1.78V pn pin 2. In receive mode, I have 7.96V on the RXD line, 0V on the TXD line. Grounding pin 2 (Keying the PTT), no PTT action what so ever, TXB remains at 0V.

I have ordered enough transistors, resistors, capacitors, etc, even IC11 and IC12 from Digikey to replace almost every part in the keying circuits if I have to. The diodes in that circuit - MA110 was not a normal stock item and the minimum order is 3000-5000 diodes at Digikey and the RLS173 is obsolete however... any sugestions for replacements for those diodes? (I have not looked into cross-reference yet)

I really don't want to go through all that SMT rework if I don't have to. So if anyone has figured out the common problem why the PTT is being dragged down on start up, please post your finding / solution.

Thanks

Dave / N9NLU
The Evil Genius Laboratory

12411. RE: TS-450SAT - No TX in any mode, Ant. Tuner inop - error CHEK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-29 00:13:53 UTC
From: <dangit5@...>
Topic: 12410 Message: 12411

I took some voltage readings.

I have to say though, This is without C67 in place. I removed that capacitor to check its capacitance on the meter, But when removing, the solder cap on one end of the chip capacitor came off... oops. Also Q65 has been removed. That was removed because I read somewhere else that Q65 was a common cause (short) for this issue. Q65 is the packet transmit transistor. Again, a terminal sheared off so it could not be soldered back on. Kenwood uses adhesive under these SMT components so simply just lifting one end is next to impossible.

I'm not going to be lifting any more components until my Digikey order arrives (in the next couple days) But in the mean time, if anyone needs me to take a voltage somewhere, I can do that.

Onto the voltages... all voltages taken in RX mode since there is no PTT control at all

Q50 ---
Base === 7.89V
Emitter == 0V
Collector = 0V

Q52 ---
Base === 1.89V
Emitter == 1.89V
Collector = 1.89V

Q53 ---
Base === 0V
Emitter == 0V
Collector = 1.88V

Pin 2 of mic connector = 1.87V

RXB == 7.86V
TXB == 0V
CWB = 0V
SS === 1.87V
CSS == 0V
TXI === 0V

If anyone needs more info or voltages, just let me know.

Dave / N9NLU

---In ts-850_450_690@yahoogroups.com, <dangit5@...> wrote:

I ran into a past message with lots of replies and lots of useful info - back from late 2009 - early 2010 about this problem.

The problem is , that thread did not conclude with -fix-. a lot of check this, check that but no message with the AH HA! moment.

My 450SAT has no TX, nothing switching, the symptoms of PTT on power up. I have yet to all the check voltages mentioned in the 2010 thread. But I did check the voltage on pin 2 of the mic connector. I didn't get the 8V, I have 1.78V pn pin 2. In receive mode, I have 7.96V on the RXD line, 0V on the TXD line. Grounding pin 2 (Keying the PTT), no PTT action what so ever, TXB remains at 0V.

I have ordered enough transistors, resistors, capacitors, etc, even IC11 and IC12 from Digikey to replace almost every part in the keying circuits if I have to. The diodes in that circuit - MA110 was not a normal stock item and the minimum order is 3000-5000 diodes at Digikey and the RLS173 is obsolete however... any sugestions for replacements for those diodes? (I have not looked into cross-reference yet)

I really don't want to go through all that SMT rework if I don't have to. So if anyone has figured out the common problem why the PTT is being dragged down on start up, please post your finding / solution.

Thanks

Dave / N9NLU
The Evil Genius Laboratory

12412. Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-30 01:32:16 UTC
From: rfago
Topic: 12398 Message: 12412

--- In TS-850_450_690@yahoogroups.com, Ve3mph <ve3mph@...> wrote:
>
> Going to be parting out a ts-450 all is to go but the pll board because I think it has a problem with it. It goes the the dots and it will read out 50mhz on it but won't stay it goes to the dots. I know this radio does not do 50mhz but this one does. Also the guy I got the radio from had someone change one of the 6631 chips to a 66312 chip. Radio worked when I got it and was got to try to fix it but it sat for about 4 or 5 mouths then I hooked it up and was going to start working on it and the dots came up on it... So now I'm going to sell it as a hole to someone AS IS or I'm going to part it out to people who need parts to fix there's. All parts are going to be sold AS IS. Would like to sell as 1lot to make it easer on me..lol.. Lets get the prices going on it.. If you won't pics please just email me to ve3mph at yahoo dot com you all now how to fix the email address.. Thanks
>
> Sent from my iPod
>
> On 2013-10-19, at 6:09 PM, "Zack" <zclobes@...> wrote:
>
> > I re-read my notes and it does always work at 7MHz too. I realized that the AIP turns on automatically below 9.5MHz so after some tinkering, I think that's where my problem is.
> >
> > The radio will work with AIP on, but not without it.
> >
> > The AIP feature is new to me, so it's time for me to do some reading on that...
> >
> > Zack
> >
> > --- In TS-850_450_690@yahoogroups.com, "Zack" <zclobes@> wrote:
> > >
> > > I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
> > >
> > > When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.
> > >
> > > The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
> > >
> > > It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
> > >
> > > I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
> > >
> > > Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.

> > >
> > > The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
> > >
> > >
> > > If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
> > >
> > > Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
> > >
> > >
> > > Zack Clobes, W0ZC
> > >
> >
> >ZACK do you still have the filter board left.. if so I'd like to by it...BOB wd4cej
>

12413. Re: [TS-850_450_690] Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-30 03:53:19 UTC
From: Dave Schmidt
Topic: 12398 Message: 12413

I'm interested in the I.F. board.

If that is still available, shoot me a price.

Thanks

Dave / N9NLU

On Tue, Oct 29, 2013 at 8:32 PM, rfago <rfago@...> wrote:

> **
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Ve3mph <ve3mph@...> wrote:
> >
> > Going to be parting out a ts-450 all is to go but the pll board because
> I think it has a problem with it. It goes the the dots and it will read out
> 50mhz on it but won't stay it goes to the dots. I know this radio does not
> do 50mhz but this one does. Also the guy I got the radio from had someone
> change one of the 6631 chips to a 66312 chip. Radio worked when I got it
> and was got to try to fix it but it sat for about 4 or 5 mouths then I
> hooked it up and was going to start working on it and the dots came up on
> it... So now I'm going to sell it as a hole to someone AS IS or I'm going
> to part it out to people who need parts to fix there's. All parts are going
> to be sold AS IS. Would like to sell as 1lot to make it easer on me..lol..
> Lets get the prices going on it.. If you won't pics please just email me to
> ve3mph at yahoo dot com you all now how to fix the email address.. Thanks
> >
> > Sent from my iPod
> >
> > On 2013-10-19, at 6:09 PM, "Zack" <zclobes@...> wrote:
> >
> > > I re-read my notes and it does always work at 7MHz too. I realized
> that the AIP turns on automatically below 9.5MHz so after some tinkering, I
> think that's where my problem is.
> > >
> > > The radio will work with AIP on, but not without it.
> > >
> > > The AIP feature is new to me, so it's time for me to do some reading
> on that...
> > >
> > > Zack
> > >

> > > --- In TS-850_450_690@yahoogroups.com, "Zack" <zclobes@> wrote:
> > > >
> > > > I acquired a fixer-upper TS-450SAT a few weeks ago that I'm
> struggling to figure out.
> > > >
> > > > When it is cold, the receive audio will randomly drop out
> completely, as if the squelch is kicking in. When it happens, the S-Meter
> drops to 0. The audio amp IS still working, as the buttons still produce
> beeps.
> > > >
> > > > The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and
> up. When it goes out, it is dead on all of the bands/frequencies, 40m and
> up.
> > > >
> > > > It affects all receive modes, and changing the receive filters
> (stock bare-bones, no add-ons) makes no difference.
> > > >
> > > > I've tried all of the various options (NB, RIT, Notch, etc..) and
> none of them make any impact on the problem.
> > > >
> > > > Looking at the two outputs from the PLL board on a scope, I'm not
> seeing any noticeable difference in frequency or amplitude when the receive
> is working vs. not.
> > > >
> > > > The only other symptom that I've noticed is that when it IS
> receiving, the frequency seems to be drifting very slightly, like maybe
> +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing
> me to re-tune.
> > > >
> > > >
> > > > If anyone can point me in a direction, or give me some clues as to
> why this particular frequency range would be affected by a single problem,
> I'd be quite grateful.
> > > >
> > > > Yes, I do have schematics and service manuals. It's a low serial
> number, 2xxxxx.
> > > >
> > > >
> > > > Zack Clobes, W0ZC
> > > >
> > >
> > > >ZACK do you still have the filter board left.. if so I'd like to by
> it...BOB wd4cej
> >
>
>
>

--
*

*
*
*
·´¯`·.¸. ,><((((º>*
*
><((((º>*
*
·´¯`·.¸. , . .·´¯`·.. ><((((º>

12414. Re: [TS-850_450_690] Re: TS-450 loses all receive audio, especially when cold

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-30 05:57:57 UTC
From: John
Topic: 12398 Message: 12414

Thanks to all but the radio is sold.. Thanks to all who emailed me..

Sent from my iPod

On 2013-10-29, at 11:53 PM, Dave Schmidt <dangit5@...> wrote:

> I'm interested in the I.F. board.
>
> If that is still available, shoot me a price.
>
> Thanks
>
> Dave / N9NLU
>
>
>
> On Tue, Oct 29, 2013 at 8:32 PM, rfago <rfago@...> wrote:
>>
>>
>>
>> --- In TS-850_450_690@yahoogroups.com, Ve3mph <ve3mph@...> wrote:
>> >
>> > Going to be parting out a ts-450 all is to go but the pll board because I think it has a problem with it. It goes the the dots and it will read out 50mhz on it but won't stay it goes to the dots. I know this radio does not do 50mhz but this one does. Also the guy I got the radio from had someone change one of the 6631 chips to a 66312 chip. Radio worked when I got it and was got to try to fix it but it sat for about 4 or 5 mouths then I hooked it up and was going to start working on it and the dots came up on it... So now I'm going to sell it as a hole to someone AS IS or I'm going to part it out to people who need parts to fix there's. All parts are going to be sold AS IS. Would like to sell as 1lot to make it easer on me..lol.. Lets get the prices going on it.. If you won't pics please just email me to ve3mph at yahoo dot com you all now how to fix the email address.. Thanks
>> >
>> > Sent from my iPod
>> >
>> > On 2013-10-19, at 6:09 PM, "Zack" <zclobes@...> wrote:
>> >
>> > > I re-read my notes and it does always work at 7MHz too. I realized that the AIP turns on automatically below 9.5MHz so after some tinkering, I think that's where my problem is.
>> > >
>> > > The radio will work with AIP on, but not without it.
>> > >
>> > > The AIP feature is new to me, so it's time for me to do some reading on that...

>> > >
>> > > Zack
>> > >
>> > > --- In TS-850_450_690@yahoogroups.com, "Zack" <zclobes@> wrote:
>> > > >
>> > > > I acquired a fixer-upper TS-450SAT a few weeks ago that I'm struggling to figure out.
>> > > >
>> > > > When it is cold, the receive audio will randomly drop out completely, as if the squelch is kicking in. When it happens, the S-Meter drops to 0. The audio amp IS still working, as the buttons still produce beeps.
>> > > >
>> > > > The problem never seems to happen at 1.8 and 3.8MHz, only 7MHz and up. When it goes out, it is dead on all of the bands/frequencies, 40m and up.
>> > > >
>> > > > It affects all receive modes, and changing the receive filters (stock bare-bones, no add-ons) makes no difference.
>> > > >
>> > > > I've tried all of the various options (NB, RIT, Notch, etc..) and none of them make any impact on the problem.
>> > > >
>> > > > Looking at the two outputs from the PLL board on a scope, I'm not seeing any noticeable difference in frequency or amplitude when the receive is working vs. not.
>> > > >
>> > > > The only other symptom that I've noticed is that when it IS receiving, the frequency seems to be drifting very slightly, like maybe +/-50 to 100Hz - I can hear it shifting, but it's not distorting or causing me to re-tune.
>> > > >
>> > > >
>> > > > If anyone can point me in a direction, or give me some clues as to why this particular frequency range would be affected by a single problem, I'd be quite grateful.
>> > > >
>> > > > Yes, I do have schematics and service manuals. It's a low serial number, 2xxxxx.
>> > > >
>> > > >
>> > > > Zack Clobes, W0ZC
>> > > >
>> > > >
>> > > >ZACK do you still have the filter board left.. if so I'd like to by it...BOB wd4cej
>> > >
>
>
>
> --
>
>
> .´¯`·.¸. ,><((((º>
> ><((((º>
> .´¯`·.¸. , . .·´¯`·.. ><((((º>
>

12415. TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-30 18:38:46 UTC
From: <f4eop@...>
Topic: 12415 Message: 12415

Hi all,

After gazing at this group for many years now (I have been the happy owner of my TS850 for 6yaers now), It's me to submit a problem:

Yesterday when I switched on my Xver, everything was OK.
A few minites later, the display exhibited stange things (no more figures, a few dots in some places), the major part of the front panel buttons were deaf and also the knob, the audio sounded very distorted.
Panic!!!

After reading many comments and posts, I decided to change the whole chemical capacitors (with brend new ones) on the Display board, Digital unit and CAR unit.
Note that none of the capacitors nor the battery were leaky.
Result? always the same problem.

-As the display unit often reported problem looks to be the capacitors, it should be fixed.
-As the audio distortion could be a misalignement in the local oscillators
-and As many buttons do no respond
I found the crossing point of these symptoms could be the Digital Unit.

Am I right or wrong?
If I am right, what problem can occur on this board?
Does any boby have any experience to share?

Tnx for helping my 850 survive.
Fortunatly, I am still on air with my old Atlas 210X!!!

73
Fred F4EOP

12416. Re: [TS-850_450_690] TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-30 19:31:41 UTC
From: Dave Rust
Topic: 12415 Message: 12416

Fred, when I got my 450s the display only showed 8.83 and 455 up in the upper left hand corner. Nothing else worked, no buttons, did have audio hiss and that was it.

It was the digital board. Bought another off Ebay and replaced it and it has worked ever since.

73 Dave W0DLR

12417. Re: [TS-850_450_690] TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-10-30 19:43:38 UTC
From: ik8vze
Topic: 12415 Message: 12417

I had problems on the display of the TS850, practically disappeared while working around the display with directions, because capacitor 18 c on the display board was old release with liquid on the pcb.
The second type of failure that seems to manifest more of the logical drive, I also had this kind of problem, tune the frequency crashed and could not be more 'change while all the radio buttons were stuck, solution changes the entire card digital unit, which I have kept for spare parts.
Update me on your search

Regards de ik8vze & ac2lc Expeditus rizzuti

----- Original Message -----
From: f4eop@...
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 30, 2013 7:38 PM
Subject: [TS-850_450_690] TS850AT Digital Unit Failure?

Hi all,

After gazing at this group for many years now (I have been the happy owner of my TS850 for 6yaers now), It's me to submit a problem:

Yesterday when I switched on my Xver, everything was OK.
A few minites later, the display exhibited stange things (no more figures, a few dots in some places), the major part of the front panel buttons were deaf and also the knob, the audio sounded very distorted.
Panic!!!

After reading many comments and posts, I decided to change the whole chemical capacitors (with brend new ones) on the Display board, Digital unit and CAR unit.
Note that none of the capacitors nor the battery were leaky.
Result? always the same problem.

-As the display unit often reported problem looks to be the capacitors, it should be fixed.
-As the audio distortion could be a misalignement in the local oscillators
-and As many buttons do no respond
I found the crossing point of these symptoms could be the Digital Unit.

Am I right or wrong?
If I am right, what problem can occur on this board?
Does any boby have any experience to share?

Tnx for helping my 850 survive.
Fortunatly, I am still on air with my old Atlas 210X!!!

73
Fred F4EOP

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12418. TS-450S (AT) internal tuner quit working

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-02 03:41:05 UTC
From: <k4shp@...>
Topic: 12418 Message: 12418

Hello everyone. The tuner in my 450s-at has quit working. It acts like it isn't even installed. I have checked menu items 31 & 32 and they are both on. Pushing the Auto / Through button has no effect on the received signal and when you push the #4 to activate the tuner nothing happens.

I have checked the connections inside the rig and all looks as it should. This one has me at a loss. It was working fine and just quit one day!

Help,

73

12419. RE: TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-02 13:36:25 UTC
From: <f4eop@...>
Topic: 12415 Message: 12419

Hi Dave and Expeditus,
Thank you for your replies.
Sorry for my late reply, I was out from home.
As mentionned, I already change all the chemical capacitors on the Display Unit (among them, the C18 tricky one) and also on the Digital Unit. Unfortunatly, it did not cure the problem.
So, as suggested, I ordered a Digital Unit un eBay. Hope it is good...
I should receive it in the coming week.
Once I have swapt it, I'll tell you the result.

Once again, thank to you and we keep in touch.

73
Fred F4EOP

---In ts-850_450_690@yahoogroups.com, <ik8vze@...> wrote:

☐ I had problems on the display of the TS850, practically disappeared while working around the display with directions, because capacitor 18 c on the display board was old release with liquid on the pcb.
The second type of failure that seems to manifest more of the logical drive, I also had this kind of problem, tune the frequency crashed and could not be more 'change while all the radio buttons were stuck, solution changes the entire card digital unit, which I have kept for spare parts.
Update me on your search

Regards de ik8vze & ac2lc Expeditus rizzuti

----- Original Message -----
From: f4eop@... mailto:f4eop@...
To: TS-850_450_690@yahoogroups..com mailto:TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 30, 2013 7:38 PM
Subject: [TS-850_450_690] TS850AT Digital Unit Failure?

Hi all,

After gazing at this group for many years now (I have been the happy owner of my TS850 for 6yaers now), It's me to submit a problem:

Yesterday when I switched on my Xver, everything was OK.
A few minites later, the display exhibited stange things (no more figures, a few dots in some places), the major part of the front panel buttons were deaf and also the knob, the audio sounded very distorted.
Panic!!!

After reading many comments and posts, I decided to change the whole chemical capacitors (with brend new ones) on the Display board, Digital unit and CAR unit.
Note that none of the capacitors nor the battery were leaky.
Result? always the same problem.

-As the display unit often reported problem looks to be the capacitors, it should be fixed.
-As the audio distortion could be a misalignement in the local oscillators
-and As many buttons do no respond
I found the crossing point of these symptoms could be the Digital Unit.

Am I right or wrong?
If I am right, what problem can occur on this board?
Does any boby have any experience to share?

Tnx for helping my 850 survive.
Fortunatly, I am still on air with my old Atlas 210X!!!

73
Fred F4EOP

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus
http://www.avast.com/ .

12420. Re: [TS-850_450_690] RE: TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-02 16:52:06 UTC
From: ik8vze
Topic: 12415 Message: 12420

ok thanks and keep us updated if you can take pictures of the technical in order to document the entire repair hello 73
ik8vze /ac2lc Rizzuti Espedito
----- Original Message -----
From: f4eop@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 02, 2013 2:36 PM
Subject: [TS-850_450_690] RE: TS850AT Digital Unit Failure?

Hi Dave and Expeditus,
Thank you for your replies.
Sorry for my late reply, I was out from home.
As mentionned, I already change all the chemical capacitors on the Display Unit (among them, the C18 tricky one) and also on the Digital Unit. Unfortunatly, it did not cure the problem.
So, as suggested, I ordered a Digital Unit un eBay. Hope it is good...
I should receive it in the coming week.
Once I have swapt it, I'll tell you the result.

Once again, thank to you and we keep in touch.

73
Fred F4EOP

---In ts-850_450_690@yahoogroups.com, <ik8vze@...> wrote:

☐
I had problems on the display of the TS850, practically disappeared while working around the display with directions, because capacitor 18 c on the display board was old release with liquid on the pcb.
The second type of failure that seems to manifest more of the logical drive, I also had this kind of problem, tune the frequency crashed and could not be more 'change while all the radio buttons were stuck, solution changes the entire card digital unit, which I have kept for spare parts.
Update me on your search

Regards de ik8vze & ac2lc Expeditus rizzuti

----- Original Message -----
From: f4eop@...
To: TS-850_450_690@yahoogroups..com
Sent: Wednesday, October 30, 2013 7:38 PM
Subject: [TS-850_450_690] TS850AT Digital Unit Failure?

Hi all,

After gazing at this group for many years now (I have been the happy owner of my TS850 for 6yaers now), It's me to submit a problem:

Yesterday when I switched on my Xver, everything was OK.
A few minites later, the display exhibited stange things (no more figures, a few dots in some places), the major part of the front panel buttons were deaf and also the knob, the audio sounded very distorted.
Panic!!!

After reading many comments and posts, I decided to change the whole chemical capacitors (with brend new ones) on the Display board, Digital unit and CAR unit.
Note that none of the capacitors nor the battery were leaky.
Result? always the same problem.

-As the display unit often reported problem looks to be the capacitors, it should be fixed.
-As the audio distortion could be a misalignement in the local oscillators
-and As many buttons do no respond
I found the crossing point of these symptoms could be the Digital Unit.

Am I right or wrong?
If I am right, what problem can occur on this board?
Does any boby have any experience to share?

Tnx for helping my 850 survive.
Fortunatly, I am still on air with my old Atlas 210X!!!

73
Fred F4EOP

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12421. TS-450S and MC-60 desk mic

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-03 10:12:08 UTC
From: <steve_wilson@...>
Topic: 12421 Message: 12421

My used TS-450 came with both the hand mic and the MC-60 desk mic. I decided to check out the desk mic. I hadn't realized it was amplified. The batteries are good, yet if I kick in the mic amp on the base, nothing seems to transmit. Am I missing something or do I just need to get this mic fixed?

Thanks, Steve

12422. 2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-06 02:49:41 UTC
From: <pop_vasile@...>
Topic: 12422 Message: 12422

2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

I can build for u any air variable capacitors kits

https://www.youtube.com/watch? v=thw0RLOh6zM https://www.youtube.com/watch?v=thw0RLOh6zM
www.youtube.com/watch?v=fV-FWF QO6As http://www.youtube.com/watch?v=fV-FWFQO6As

www.youtube.com/watch?v=dmZxgm alP9g http://www.youtube.com/watch?v=dmZxgmalP9g

http://forums.qrz.com/showthre ad.php?351604-Butterfly- capacitor-kits-5-15kv
http://forums.qrz.com/showthread.php?351604-Butterfly-capacitor-kits-5-15kv

http://www.flickr.com/photos/9 3005502@N08/page3/
http://www.flickr.com/photos/93005502@N08/page3/

http://forums.qrz.com/showthre ad.php?378701-2-5-15kv- butterfly-capacitor-kits&p=
http://forums.qrz.com/showthread.php?378701-2-5-15kv-butterfly-capacitor-kits&p=\
2764980#post2764980

I have kits available for :

2.5" OD ROTOR
3" OD ROTOR
4" OD ROTOR
5" OD ROTOR
6" OD ROTOR
8" OD ROTOR
10" OD ROTOR

VA6POP
yo5bzz(at)gmail.com http://gmail.com/ Location: Calgary,CANADA

12423. Where to find the ACC2 DIN plugs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-07 03:19:28 UTC
From: Zack
Topic: 12423 Message: 12423

I'm wanting to tie my TS-850 into the PC via the ACC2 Accessory port. Where can I find one of those DIN plugs?

12424. Re: [TS-850_450_690] Where to find the ACC2 DIN plugs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-08 00:21:19 UTC
From: Bryan Swadener
Topic: 12423 Message: 12424

Zack,

Universal Radio (http://www.universal-radio.com/catalog/parts/dinconn.html) has them as part number P-ETA13, for $4.99 each.

vy 73,
Bryan WA7PRC

Posted by: Zack
Date: Wed Nov 6, 2013 7:28 pm ((PST))

I'm wanting to tie my TS-850 into the PC via the ACC2 Accessory port. Where can I find one of those DIN plugs?

12425. Vedr: [TS-850_450_690] Where to find the ACC2 DIN plugs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-07 08:07:32 UTC
From: Stig Rasmussen
Topic: 12423 Message: 12425

Hello,
Dont you have a local Ham-shop that can sell you one of these 13-pin DIN????
Try this:
http://www.ebay.com/sch/Consumer-Electronics-/293/i.html?_from=R40&_nkw=13-pin+DIN

Or just type "13-pin DIN" in the eBay search field.

73's
Stig Rasmussen
LB5VA

Fra: Zack <zclobes@...>
Til: TS-850_450_690@yahoogroups.com
Sendt: Torsdag, 7. november 2013 4.19
Emne: [TS-850_450_690] Where to find the ACC2 DIN plugs

I'm wanting to tie my TS-850 into the PC via the ACC2 Accessory port. Where can I find one of those DIN plugs?

12426. Intermittant issues on 40 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-07 05:10:45 UTC
From: <steve_wilson@...>
Topic: 12426 Message: 12426

Hi all,

I have a TS-450S that I bought second hand back in 2001. It sat around while life got in the way of going for my general, which I finally got in 2010. I've been having a ball these last few months talking to all kinds of new countries with the rig and my Cushcraft R8. But the other night, on 40 meters, someone told me that I was really distorted.

I just got done doing some troubleshooting with a buddy of mine. We started on 40 meters and he agreed that there was an issue. We then went to 15 meters and all sounded fine. I then went through jiggling various portions of the mic cable to see if that was the problem, but the symptoms didn't reoccur. We then went back to 40 meters and my friend said I sounded great!

Since 40 meters was bad when we started, but was fine when we came back, the only thing I can think of is that it has something to do with the switching between bands and is a dirty contact. I'm not electronics guy, but I have many friends who are. Is there a component that handles the band switching that can be cleaned somehow? The only other idea I have is to send it to Kenwood and have the whole rig gone over.

As I work more and more DX, there certainly is the underlying desire to get something newer. But I love this rig and always get good reports on the audio.

Thanks, Steve
KG6HJU

12427. Re: [TS-850_450_690] Intermittant issues on 40 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-08 20:38:02 UTC
From: Bob Naylor
Topic: 12426 Message: 12427

Steve, In any electronics troubleshooting the first thing is you have to be sure the voltages are correct so make sure your power supply is functioning properly while transmitting.
You said you were jiggling the mic cable then all was well. Do you have another mic to try, or can you borrow one?
Bob WE6C

From: "steve_wilson@...m" <steve_wilson@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 6, 2013 9:10 PM
Subject: [TS-850_450_690] Intermittant issues on 40 meters

Hi all,

I have a TS-450S that I bought second hand back in 2001. It sat around while life got in the way of going for my general, which I finally got in 2010. I've been having a ball these last few months talking to all kinds of new countries with the rig and my Cushcraft R8. But the other night, on 40 meters, someone told me that I was really distorted.

I just got done doing some troubleshooting with a buddy of mine. We started on 40 meters and he agreed that there was an issue. We then went to 15 meters and all sounded fine. I then went through jiggling various portions of the mic cable to see if that was the problem, but the symptoms didn't reoccur. We then went back to 40 meters and my friend said I sounded great!

Since 40 meters was bad when we started, but was fine when we came back, the only thing I can think of is that it has something to do with the switching between bands and is a dirty contact. I'm not electronics guy, but I have many friends who are. Is there a component that handles the band switching that can be cleaned somehow? The only other idea I have is to send it to Kenwood and have the whole rig gone over.

As I work more and more DX, there certainly is the underlying desire to get something newer. But I love this rig and always get good reports on the audio.

Thanks, Steve
KG6HJU

12428. RE: Re: [TS-850_450_690] Intermittant issues on 40 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-09 17:53:21 UTC
From: <steve_wilson@...>
Topic: 12426 Message: 12428

I did not say that things changed with the mic jiggling. Nothing changed. What seemed to cause the change was changing bands and changing back to the 40m band.

Not sure what exactly you are referring to as to the power supply functioning properly during transmit.

Thanks, Steve

---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote:

Steve, In any electronics troubleshooting the first thing is you have to be sure the voltages are correct so make sure your power supply is functioning properly while transmitting.
You said you were jiggling the mic cable then all was well. Do you have another mic to try, or can you borrow one?
Bob WE6C

From: "steve_wilson@..." <steve_wilson@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 6, 2013 9:10 PM
Subject: [TS-850_450_690] Intermittant issues on 40 meters

Hi all,

I have a TS-450S that I bought second hand back in 2001. It sat around while life got in the way of going for my general, which I finally got in 2010. I've been having a ball these last few months talking to all kinds of new countries with the rig and my Cushcraft R8. But the other night, on 40 meters, someone told me that I was really distorted.

I just got done doing some troubleshooting with a buddy of mine. We started on 40 meters and he agreed that there was an issue. We then went to 15 meters and all sounded fine. I then went through jiggling various portions of the mic cable to see if that was the problem, but the symptoms didn't reoccur. We then went back to 40 meters and my friend said I sounded great!

Since 40 meters was bad when we started, but was fine when we came back, the only thing I can think of is that it has something to do with the switching between bands and is a dirty contact. I'm not electronics guy, but I have many friends who are. Is there a component that handles the band switching that can be cleaned somehow? The only other idea I have is to send it to Kenwood and have the whole rig gone over.

As I work more and more DX, there certainly is the underlying desire to get something newer. But I love this rig and always get good reports on the audio.

Thanks, Steve
KG6HJU

12429. Looking for a TS-450 project rig

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-09 18:32:47 UTC
From: Zack
Topic: 12429 Message: 12429

I'm looking for a project rig to repair/restore. I'm open to just about any TS-450 - email me direct with any offers, including the options (filter, tuner, etc), symptoms, and your asking price.

zclobes@...

Zack Clobes, W0ZC

12430. Re: [TS-850_450_690] Intermittant issues on 40 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-11 03:13:29 UTC
From: Zack
Topic: 12426 Message: 12430

If you have a second receiver at your home, you could listen to yourself directly to eliminate any possibility of propagation or EMI causing the problem. Again, with a local receiver, you could also transmit directly into a dummy load to further eliminate variables.

The next thing I would do (either local or with another ham in town) would be to go through all of the bands 10 through 80-160 and see if the problem happens anywhere else.

There could be lots of things that would cause this. Some of them would be internal to the radio, but there are other external factors that could come in to play, like a poorly filtered power supply, a fan blowing onto the mic, EMI getting into the radio or mic cord, etc. The best way to track it down is to document exactly when it happens, and find a way to consistently reproduce it.

Oh, and if you can get someone to record some audio, that may help too.

Zack Clobes, W0ZC

--- In TS-850_450_690@yahoogroups.com, <steve_wilson@...> wrote:
>
> I did not say that things changed with the mic jiggling. Nothing changed. What seemed to cause the change was changing bands and changing back to the 40m band.
>
>
> Not sure what exactly you are referring to as to the power supply functioning properly during transmit.
>
>
> Thanks, Steve
>
>
> ---In TS-850_450_690@yahoogroups.com, <wotbob01@> wrote:
>
> Steve, In any electronics troubleshooting the first thing is you have to be sure the voltages are correct so make sure your power supply is functioning properly while transmitting.
> You said you were jiggling the mic cable then all was well. Do you have another mic to try, or can you borrow one?
> Bob WE6C
>
>
> From: "steve_wilson@" <steve_wilson@>
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, November 6, 2013 9:10 PM
> Subject: [TS-850_450_690] Intermittant issues on 40 meters
>

>
> Hi all,
>
> I have a TS-450S that I bought second hand back in 2001. It sat around while life got in the way of going for my general, which I finally got in 2010. I've been having a ball these last few months talking to all kinds of new countries with the rig and my Cushcraft R8. But the other night, on 40 meters, someone told me that I was really distorted.
>
> I just got done doing some troubleshooting with a buddy of mine. We started on 40 meters and he agreed that there was an issue. We then went to 15 meters and all sounded fine. I then went through jiggling various portions of the mic cable to see if that was the problem, but the symptoms didn't reoccur. We then went back to 40 meters and my friend said I sounded great!
>
> Since 40 meters was bad when we started, but was fine when we came back, the only thing I can think of is that it has something to do with the switching between bands and is a dirty contact. I'm not electronics guy, but I have many friends who are. Is there a component that handles the band switching that can be cleaned somehow? The only other idea I have is to send it to Kenwood and have the whole rig gone over.
>
> As I work more and more DX, there certainly is the underlying desire to get something newer. But I love this rig and always get good reports on the audio.
>
> Thanks, Steve
> KG6HJU
>

12431. Re: [TS-850_450_690] Intermittant issues on 40 meters

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-11 23:59:31 UTC
From: Bob Naylor
Topic: 12426 Message: 12431

Steve, one of the things about the power supply not functioning properly is what Zack said below about filtering and also is the voltage keeping up with the load on transmit.
Sorry I misunderstood about the mic cable.
Bob WE6C

From: Zack <zclobes@...>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 10, 2013 7:13 PM
Subject: Re: [TS-850_450_690] Intermittant issues on 40 meters

If you have a second receiver at your home, you could listen to yourself directly to eliminate any possibility of propagation or EMI causing the problem. Again, with a local receiver, you could also transmit directly into a dummy load to further eliminate variables.

The next thing I would do (either local or with another ham in town) would be to go through all of the bands 10 through 80-160 and see if the problem happens anywhere else.

There could be lots of things that would cause this. Some of them would be internal to the radio, but there are other external factors that could come in to play, like a poorly filtered power supply, a fan blowing onto the mic, EMI getting into the radio or mic cord, etc. The best way to track it down is to document exactly when it happens, and find a way to consistently reproduce it.

Oh, and if you can get someone to record some audio, that may help too.

Zack Clobes, W0ZC

--- In TS-850_450_690@yahoogroups.com, <steve_wilson@...> wrote:
>
> I did not say that things changed with the mic jiggling. Nothing changed. What seemed to cause the change was changing bands and changing back to the 40m band.
>
>
> Not sure what exactly you are referring to as to the power supply functioning properly during transmit.
>
>
> Thanks, Steve
>
>
> ---In TS-850_450_690@yahoogroups.com, <wotbob01@> wrote:
>
> Steve, In any electronics troubleshooting the first thing is you have to be sure the voltages are correct so make sure your power supply is functioning properly while transmitting.

> You said you were jiggling the mic cable then all was well. Do you have another mic to try, or can you borrow one?
> Bob WE6C
>
>
> From: "steve_wilson@" <steve_wilson@>
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, November 6, 2013 9:10 PM
> Subject: [TS-850_450_690] Intermittant issues on 40 meters
>
>
> Hi all,
>
> I have a TS-450S that I bought second hand back in 2001. It sat around while life got in the way of going for my general, which I finally got in 2010. I've been having a ball these last few months talking to all kinds of new countries with the rig and my Cushcraft R8. But the other night, on 40 meters, someone told me that I was really distorted.
>
> I just got done doing some troubleshooting with a buddy of mine. We started on 40 meters and he agreed that there was an issue. We then went to 15 meters and all sounded fine. I then went through jiggling various portions of the mic cable to see if that was the problem, but the symptoms didn't reoccur. We then went back to 40 meters and my friend said I sounded great!
>
> Since 40 meters was bad when we started, but was fine when we came back, the only thing I can think of is that it has something to do with the switching between bands and is a dirty contact. I'm not electronics guy, but I have many friends who are. Is there a component that handles the band switching that can be cleaned somehow? The only other idea I have is to send it to Kenwood and have the whole rig gone over.
>
> As I work more and more DX, there certainly is the underlying desire to get something newer. But I love this rig and always get good reports on the audio.
>
> Thanks, Steve
> KG6HJU
>

12432. Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-14 02:43:54 UTC
From: Zack
Topic: 11045 Message: 12432

Are you still happy with this set up? I'm thinking of doing the same, although it looks like the rubidium references have gone up quite a bit in price since then.

Zack

--- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
>
> Hi Folks,
>
> I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.
>
> Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
>
> I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
>
> Film at 11:00!
>
> vy 73,
> Bryan WA7PRC
>

12433. Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-14 04:54:47 UTC
From: John Parker
Topic: 11045 Message: 12433

I bought a txco from a ham that custom makes them on ebay they just solder on the board! No issues! Give me a few days to find the info and I will pass it along!

Put one in my 850 and 870.

John WH6DQU

Sent from my iPhone

> On Nov 13, 2013, at 4:43 PM, "Zack" <zclobes@...> wrote:
>
> Are you still happy with this set up? I'm thinking of doing the same, although it looks like the rubidium references have gone up quite a bit in price since then.
>
> Zack
>
> --- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
> >
> > Hi Folks,
> >
> > I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.
> >
> > Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
> >
> > I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
> >
> > Film at 11:00!
> >
> > vy 73,
> > Bryan WA7PRC
> >
>
>

12434. Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-14 13:53:10 UTC
From: John tf
Topic: 11045 Message: 12434

I would think that finding the cause of off freq. , then address that ?
Before adding things to rig .
I do not remember if there were some issues , like so many other circuits
in these radios and leaky caps affecting freq. ?

John
KD0CAC

On Wed, Nov 13, 2013 at 10:54 PM, John Parker <parkjv1@gmail.com> wrote:

>
>
> I bought a txco from a ham that custom makes them on ebay they just solder
> on the board!
> No issues! Give me a few days to find the info and I will pass it along!
>
> Put one in my 850 and 870.
>
> John WH6DQU
>
>
>
> Sent from my iPhone
>
> On Nov 13, 2013, at 4:43 PM, "Zack" <zclobes@...> wrote:
>
>
>
>
> Are you still happy with this set up? I'm thinking of doing the same,
> although it looks like the rubidium references have gone up quite a bit in
> price since then.
>
> Zack
>
> --- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
> >
> > Hi Folks,
> >
> > I have a TS850SAT that is not on frequency - at 28MHz, it's off about
> over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the
> temperature in the shack changes, it'll be off again. I could pony-up close
> to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it,
> and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20
> MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne
> crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor)
> but I wanted BETTER stability.

> >
> > Whilst perusing eBay, I found a UK chap selling an interface board that
> fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it
> doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool!
> Look for item #120846302925. Cost: about $70 w/ shipping.
> >
> > I also purchased a 10 MHz rubidium frequency standard, from one of the
> many vendors in China. The units are pn FE-5680A, made by "Frequency
> Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to
> be widely available. User "nichegeek" (item #270873476863) appeared to be
> the best deal, and the seller has 100% feedback and has sold several dozens
> of that unit. Cost: about $45 w/ shipping.
> >
> > Film at 11:00!
> >
> > vy 73,
> > Bryan WA7PRC
> >
>
>
>

12435. Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-14 19:53:59 UTC
From: Bob Naylor
Topic: 11045 Message: 12435

Bryan, This is what I've done a few times and it works very well.

Tune into WWV at 20 MHz. If you can only RX 15 MHz that'll work just not as well as 20. Tune so your display reads 19.999.70 on one VFO, USB. Tune the other VFO to 20.000.30, LSB. Switch back and forth between VFO A and B. The oscillator tones should sound the same. If not, you can adjust the local oscillator so they do. Listen very carefully. It takes a very fine adjustment to change. Using WWV at 20 MHz will be more accurate for 28 MHz than using WWV at 15 MHz.Of course do this after the radio has been on for maybe a half hour or so to make sure all temperatures have stabilized. My 850 does not change from cool to warm. As far as I know I do not have the TCXO.

This method works great and since we can be confident that WWV is "on frequency" it will work. Afterwards all other lower bands will be correct.

One thing you will notice is that when tuning lets say at 20.000.30, and the VFO is on "fine", you'll be able tovery slowly turn the VFO and get the tones/frequency to change (just slightly) before the freq readout will change to the next digit.
Also, make sure the "slope" tunes are correct so you are using the same passband on both sidebands.

When you think you've got it, take note of signals on 10 meters over several days before you make any judgments because others may not be exactly on frequency.

You may find that you actually do not need a TCXO after all. You'll get it. Let us know.

Bob WE6C

From: John Parker <parkjv1@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Cc: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, November 13, 2013 8:54 PM
Subject: Re: [TS-850_450_690] Re: TS-850 Frequency Reference

I bought a txco from a ham that custom makes them on ebay they just solder on the board! No issues! Give me a few days to find the info and I will pass it along!

Put one in my 850 and 870.

John WH6DQU

Sent from my iPhone

On Nov 13, 2013, at 4:43 PM, "Zack" <zclobes@...> wrote:

>Are you still happy with this set up? I'm thinking of doing the same, although it looks like the rubidium references have gone up quite a bit in price since then.
>

>Zack
>
>--- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
>>
>> Hi Folks,
>>
>> I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.
>>
>> Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
>>
>> I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
>>
>> Film at 11:00!
>>
>> vy 73,
>> Bryan WA7PRC
>>
>
>

12436. Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-14 19:57:43 UTC
From: Bob Naylor
Topic: 11045 Message: 12436

Bryan, What is your QTH? I'm in No. California so maybe we can make a sked? I'm off work today (Thursday) and will be able to be on the air from about 3:30 on California time. We may not be the right distance for ten meters but just in case.
Bob WE6C

From: Bob Naylor <wotbob01@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Thursday, November 14, 2013 11:53 AM
Subject: Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Bryan, This is what I've done a few times and it works very well.

Tune into WWV at 20 MHz. If you can only RX 15 MHz that'll work just not as well as 20. Tune so your display reads 19.999.70 on one VFO, USB. Tune the other VFO to 20.000.30, LSB. Switch back and forth between VFO A and B. The oscillator tones should sound the same. If not, you can adjust the local oscillator so they do. Listen very carefully. It takes a very fine adjustment to change. Using WWV at 20 MHz will be more accurate for 28 MHz than using WWV at 15 MHz. Of course do this after the radio has been on for maybe a half hour or so to make sure all temperatures have stabilized. My 850 does not change from cool to warm. As far as I know I do not have the TCXO.

This method works great and since we can be confident that WWV is "on frequency" it will work. Afterwards all other lower bands will be correct.

One thing you will notice is that when tuning lets say at 20.000.30, and the VFO is on "fine", you'll be able tovery slowly turn the VFO and get the tones/frequency to change (just slightly) before the freq readout will change to the next digit.
Also, make sure the "slope" tunes are correct so you are using the same passband on both sidebands.

When you think you've got it, take note of signals on 10 meters over several days before you make any judgments because others may not be exactly on frequency.

You may find that you actually do not need a TCXO after all. You'll get it. Let us know.

Bob WE6C

From: John Parker <parkjv1@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Cc: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, November 13, 2013 8:54 PM
Subject: Re: [TS-850_450_690] Re: TS-850 Frequency Reference

I bought a txco from a ham that custom makes them on ebay they just solder on the board! No issues! Give me a few days to find the info and I will pass it along!

Put one in my 850 and 870.

John WH6DQU

Sent from my iPhone

On Nov 13, 2013, at 4:43 PM, "Zack" <zclobes@...> wrote:

>Are you still happy with this set up? I'm thinking of doing the same, although it looks like the rubidium references have gone up quite a bit in price since then.
>
>Zack
>
>--- In TS-850_450_690@yahoogroups.com, "bswadener" <bswadener@...> wrote:
>>
>> Hi Folks,
>>
>> I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.
>>
>> Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
>>
>> I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
>>
>> Film at 11:00!
>>
>> vy 73,
>> Bryan WA7PRC
>>
>
>

12437. Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-15 01:09:59 UTC
From: Bryan Swadener
Topic: 11045 Message: 12437

I don't have it setup yet Zack but, the stability will be at least one order of magnitude better
than an OCXO, which is better than a TCXO. Some time ago, I decided to not settle
for less than the best if I could afford better performance.

John, I passed on Bob N3BA's VCTCXO. If you want less expensive than that with
better stability, you use the Kuhne Electronic crystal heater. Even simpler and the
least expensive is use of a PTC thermistor that you attach to the 20 MHz reference xtal.
Damon/KC5CQW came up with that. Details are in message #9150.
Total cost: about USD $2.

OTOH, the rubidium source is not too costly, and returns dead-on accuracy and virtually
zero drift.

vy 73 es gud dx,
Bryan WA7PRC

****

Re: TS-850 Frequency Reference
Posted by: John WH6DQU

Date: Wed Nov 13, 2013 9:01 pm ((PST))

I bought a txco from a ham that custom makes them on ebay they just solder on the board!
No issues! Give me a few days to find the info and I will pass it along!

Put one in my 850 and 870.

John WH6DQU

****

Are you still happy with this set up? I'm thinking of doing the same, although it looks
like the rubidium references have gone up quite a bit in price since then.

Zack

--- In TS-850_450_690@yahoogroups.com, Bryan WA7PRC wrote:
>
> Hi Folks,
>
> I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah,
I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll
be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY
too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but
20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal
heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER

stability.
>
> Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
>
> I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
>
> Film at 11:00!
>
> vy 73,
> Bryan WA7PRC

12438. Re: [TS-850_450_690] Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-15 06:34:04 UTC
From: John Parker
Topic: 11045 Message: 12438

Thanks Bryan!

Guess I should have asked these types of questions earlier!
So, i will give you info some serious consideration.

John wh6dqu

Sent from my iPhone

> On Nov 14, 2013, at 3:09 PM, Bryan Swadener <bswadener@yahoo.com> wrote:
>
> I don't have it setup yet Zack but, the stability will be at least one order of magnitude better
> than an OCXO, which is better than a TCXO. Some time ago, I decided to not settle
> for less than the best if I could afford better performance.
>
> John, I passed on Bob N3BA's VCTCXO. If you want less expensive than that with
> better stability, you use the Kuhne Electronic crystal heater. Even simpler and the
> least expensive is use of a PTC thermistor that you attach to the 20 MHz reference xtal.
> Damon/KC5CQW came up with that. Details are in message #9150.
> Total cost: about USD $2.
>
> OTOH, the rubidium source is not too costly, and returns dead-on accuracy and virtually
> zero drift.
>
> vy 73 es gud dx,
> Bryan WA7PRC
>
> **********
>
> Re: TS-850 Frequency Reference
> Posted by: John WH6DQU
>
> Date: Wed Nov 13, 2013 9:01 pm ((PST))
>
> I bought a txco from a ham that custom makes them on ebay they just solder on the board!
> No issues! Give me a few days to find the info and I will pass it along!
>
> Put one in my 850 and 870.
>
> John WH6DQU
>
> **********
>
> Are you still happy with this set up? I'm thinking of doing the same, although it looks like the rubidium references have gone up quite a bit in price since then.

>
> Zack
>
> --- In TS-850_450_690@yahoogroups.com, Bryan WA7PRC wrote:
> >
> > Hi Folks,
> >
> > I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.
> >
> > Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
> >
> > I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
> >
> > Film at 11:00!
> >
> > vy 73,
> > Bryan WA7PRC
>
>

12439. Re: TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-15 03:44:48 UTC
From: Zack
Topic: 11045 Message: 12439

I like the concept of using the Rubidium because I can feed that into the 850, as well as the HP signal generator/counter.

Zack

--- In TS-850_450_690@yahoogroups.com, Bryan Swadener <bswadener@...> wrote:
>
> I don't have it setup yet Zack but, the stability will be at least one order of magnitude better
> than an OCXO, which is better than a TCXO. Some time ago, I decided to not settle
> for less than the best if I could afford better performance.
>
> John, I passed on Bob N3BA's VCTCXO. If you want less expensive than that with
> better stability, you use the Kuhne Electronic crystal heater. Even simpler and the
> least expensive is use of a PTC thermistor that you attach to the 20 MHz reference xtal.
> Damon/KC5CQW came up with that. Details are in message #9150.
> Total cost: about USD $2.
>
> OTOH, the rubidium source is not too costly, and returns dead-on accuracy and virtually
> zero drift.
>
> vy 73 es gud dx,
> Bryan WA7PRC
>
> **********
>
> Re: TS-850 Frequency Reference
> Posted by: John WH6DQU
>
> Date: Wed Nov 13, 2013 9:01 pm ((PST))
>
> I bought a txco from a ham that custom makes them on ebay they just solder on the board!
> No issues! Give me a few days to find the info and I will pass it along!
>
> Put one in my 850 and 870.
>
> John WH6DQU
>
> **********
>
> Are you still happy with this set up? I'm thinking of doing the same, although it looks like the rubidium references have gone up quite a bit in price since then.
>
> Zack
>

> --- In TS-850_450_690@yahoogroups.com, Bryan WA7PRC wrote:
> >
> > Hi Folks,
> >
> > I have a TS850SAT that is not on frequency - at 28MHz, it's off about over 330 Hz. Yeah, I could just tweak it on-frequency but, if/when the temperature in the shack changes, it'll be off again. I could pony-up close to $200 for the Kenwood SO-2 TCXO but IMO, they're WAY too "proud" of it, and it's still just a TCXO. I tried to find an off-the-shelf TCXO but 20 MHz is an uncommon frequency. There are other methods (N3BA TCXO, the Kuhne crystal heater, and KC5KCW's novel crystal heater using a PTC thermistor) but I wanted BETTER stability.
> >
> > Whilst perusing eBay, I found a UK chap selling an interface board that fits where the SO-2 fits, and lets you feed it 10 MHz. Additionally, if it doesn't see 10 MHz coming in, it defaults to the OEM 20 MHz rock. WAY cool! Look for item #120846302925. Cost: about $70 w/ shipping.
> >
> > I also purchased a 10 MHz rubidium frequency standard, from one of the many vendors in China. The units are pn FE-5680A, made by "Frequency Electronics (http://www.freqelec.com/rb_osc_fe5680a.html), and appear to be widely available. User "nichegeek" (item #270873476863) appeared to be the best deal, and the seller has 100% feedback and has sold several dozens of that unit. Cost: about $45 w/ shipping.
> >
> > Film at 11:00!
> >
> > vy 73,
> > Bryan WA7PRC
>

12440. Re: [TS-850_450_690] TS-850 Frequency Reference

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-16 02:08:06 UTC
From: Bryan Swadener
Topic: 11045 Message: 12440

Re: TS-850 Frequency Reference
Posted by: John KD0CAC
Date: Thu Nov 14, 2013 5:53 am ((PST))

I do not remember if there were some issues, like so many other circuits
in these radios and leaky caps affecting freq.?

John
KD0CAC

REPLY: No. The thing that most often causes a crystal to drift is temperature (ambient and crystal heating). In this case, it doesn't look like the 850 pushes a lot of current thru the rock.
Since I do not have A/C to maintain a steady ambient temperature, it's going to drift some.
vy 73,
Bryan WA7PRC

****

1b. Re: TS-850 Frequency Reference
    Posted by: Bob Naylor
    Date: Thu Nov 14, 2013 11:54 am ((PST))

Bryan, This is what I've done a few times and it works very well.

Tune into WWV at 20 MHz. If you can only RX 15 MHz that'll work just not as well as 20. Tune so your display reads 19.999.70 on one VFO, USB. Tune the other VFO to 20.000.30, LSB. Switch back and forth between VFO A and B. The oscillator tones should sound the same. If not, you can adjust the local oscillator so they do. Listen very carefully. It takes a very fine adjustment to change. Using WWV at 20 MHz will be more accurate for 28 MHz than using WWV at 15 MHz.Of course do this after the radio has been on for maybe a half hour or so to make sure all temperatures have stabilized. My 850 does not change from cool to warm. As far as I know I do not have the TCXO.

This method works great and since we can be confident that WWV is "on frequency" it will work. Afterwards all other lower bands will be correct.

One thing you will notice is that when tuning lets say at 20.000.30, and the VFO is on "fine", you'll be able tovery slowly turn the VFO and get the tones/frequency to change (just slightly) before the freq readout will change to the next digit.
Also, make sure the "slope" tunes are correct so you are using the same passband on both sidebands.

When you think you've got it, take note of signals on 10 meters over several days before you make any judgments because others may not be exactly on frequency.

You may find that you actually do not need a TCXO after all. You'll get it. Let us know.

Bob WE6C

REPLY: I prefer to use the Rubidium source and interface PCBAs I already possess,
and ALWAYS be certain my two TS850s frequency displays are dead-on.
vy 73,
Bryan WA7PRC

****

1c. Re: TS-850 Frequency Reference
    Posted by: Bob Naylor
    Date: Thu Nov 14, 2013 11:57 am ((PST))

Bryan, What is your QTH? I'm in No. California so maybe we can make a sked? I'm off work today (Thursday) and will be able to be on the air from about 3:30 on California time. We may not be the right distance for ten meters but just in case.
Bob WE6C

REPLY: I'm listed on QRZ. I don't have time for a sked. Today is Friday anyway.

vy 73,
Bryan WA7PRC

****
1e. Re: TS-850 Frequency Reference
    Posted by: John Parker
    Date: Thu Nov 14, 2013 10:40 pm ((PST))

Thanks Bryan!

Guess I should have asked these types of questions earlier!
So, i will give you info some serious consideration.

John WH6DQU

REPLY: You're welcome.
vy 73,
Bryan WA7PRC

****

1f. Re: TS-850 Frequency Reference
    Posted by: Zack
    Date: Thu Nov 14, 2013 11:36 pm ((PST))

I like the concept of using the Rubidium because I can feed that into the 850, as well as the HP signal generator/counter.

Zack

REPLY: Me too that! See my direct email for more.
vy 73,
Bryan WA7PRC

12441. RE: TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-16 14:09:16 UTC
From: <f4eop@...>
Topic: 12415 Message: 12441

Hi Espedito, Dave and all,

I received this morning the Digital Unit for my TS850, placed it ans all is good now.
So the failure occured on this card.
My transceiver is repaired and I am back on air. Nice!!!

Just a last thing:
The failed card has a RAM with version "JEZB 1990".
The one I received has a RAM with version "JBL1".

I swapt the RAM ICs and everything is still OK.
So this is not a RAM failure (the only IC that can be easily changed).

I know there is no note from Kenwood about the difference between the 2 versions.
Does any body know something?

However, I have a failed card with "JEZB 1990 ". If someone is interested...

Thank for reading and CU on air

73
Fred F4EOP

---In ts-850_450_690@yahoogroups.com, <ik8vze@...> wrote:

☐ ok thanks and keep us updated if you can take pictures of the technical in order to document the entire repair hello
73
ik8vze /ac2lc Rizzuti Espedito
----- Original Message -----
From: f4eop@... mailto:f4eop@...
To: TS-850_450_690@yahoogroups..com mailto:TS-850_450_690@yahoogroups.com
Sent: Saturday, November 02, 2013 2:36 PM
Subject: [TS-850_450_690] RE: TS850AT Digital Unit Failure?

Hi Dave and Expeditus,
Thank you for your replies.
Sorry for my late reply, I was out from home.
As mentionned, I already change all the chemical capacitors on the Display Unit (among them, the C18 tricky one) and also on the Digital Unit. Unfortunatly, it did not cure the problem.
So, as suggested, I ordered a Digital Unit un eBay. Hope it is good...
I should receive it in the coming week.
Once I have swapt it, I'll tell you the result.

Once again, thank to you and we keep in touch.

73
Fred F4EOP

---In ts-850_450_690@yahoogroups.com, <ik8vze@...> wrote:

☐ I had problems on the display of the TS850, practically disappeared while working around the display with directions, because capacitor 18 c on the display board was old release with liquid on the pcb.
The second type of failure that seems to manifest more of the logical drive, I also had this kind of problem, tune the frequency crashed and could not be more 'change while all the radio buttons were stuck, solution changes the entire card digital unit, which I have kept for spare parts.
Update me on your search

Regards de ik8vze & ac2lc Expeditus rizzuti

----- Original Message -----
From: f4eop@... mailto:f4eop@...
To: TS-850_450_690@yahoogroups..com mailto:TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 30, 2013 7:38 PM
Subject: [TS-850_450_690] TS850AT Digital Unit Failure?

Hi all,

After gazing at this group for many years now (I have been the happy owner of my TS850 for 6yaers now), It's me to submit a problem:

Yesterday when I switched on my Xver, everything was OK.
A few minites later, the display exhibited stange things (no more figures, a few dots in some places), the major part of the front panel buttons were deaf and also the knob, the audio sounded very distorted.
Panic!!!

After reading many comments and posts, I decided to change the whole chemical capacitors (with brend new ones) on the Display board, Digital unit and CAR unit.
Note that none of the capacitors nor the battery were leaky.
Result? always the same problem.

-As the display unit often reported problem looks to be the capacitors, it should be fixed.
-As the audio distortion could be a misalignement in the local oscillators
-and As many buttons do no respond
I found the crossing point of these symptoms could be the Digital Unit.

Am I right or wrong?
If I am right, what problem can occur on this board?
Does any boby have any experience to share?

Tnx for helping my 850 survive.
Fortunatly, I am still on air with my old Atlas 210X!!!

73
Fred F4EOP

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus
http://www.avast.com/ .

12442. Re: [TS-850_450_690] RE: TS850AT Digital Unit Failure?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-16 16:44:06 UTC
From: ik8vze
Topic: 12415 Message: 12442

Hi Dave and all, soo happy for you radio TS -850 , keep it under observation, if you can send the photo to the ram that you say I have checked my previous card , says " jbl 6b4b ," I try to make a hypothesis : no ta is that unlike in the European version than us , which meant it was mounted on u ts 850 (america) ? possible verification of coverage of the bands if they change the coverage in the transmission of frequencies , which is not always removed the diode d 11 , in this last case the diode d11 gives conseso the transmission in continuous tuning 0-30 mhz. However, I'll offer my best wishes and congratulations for the repair I hope to hear from you soon in 40 meters dov often listen to . Last thing I wanted to warn you to look at the web to find many mods.dk best modifications on your radio TS -850 , I run on my ba1 in lithium battery that easily taking the example of what had been published . Best wishes and happiness and many QSO

73 de ik8vze & ac2lc espedito
----- Original Message -----
From: f4eop@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 16, 2013 3:09 PM
Subject: [TS-850_450_690] RE: TS850AT Digital Unit Failure?

Hi Espedito, Dave and all,

I received this morning the Digital Unit for my TS850, placed it ans all is good now.
So the failure occured on this card.
My transceiver is repaired and I am back on air. Nice!!!

Just a last thing:
The failed card has a RAM with version "JEZB 1990".
The one I received has a RAM with version "JBL1".

I swapt the RAM ICs and everything is still OK.
So this is not a RAM failure (the only IC that can be easily changed).

I know there is no note from Kenwood about the difference between the 2 versions.
Does any body know something?

However, I have a failed card with "JEZB 1990 ". If someone is interested...

Thank for reading and CU on air

73
Fred F4EOP

---In ts-850_450_690@yahoogroups.com, <ik8vze@...> wrote:

☐
ok thanks and keep us updated if you can take pictures of the technical in order to document the entire repair hello 73 ik8vze /ac2lc Rizzuti Espedito

----- Original Message -----
From: f4eop@...
To: TS-850_450_690@yahoogroups..com
Sent: Saturday, November 02, 2013 2:36 PM
Subject: [TS-850_450_690] RE: TS850AT Digital Unit Failure?

Hi Dave and Expeditus,
Thank you for your replies.
Sorry for my late reply, I was out from home.
As mentionned, I already change all the chemical capacitors on the Display Unit (among them, the C18 tricky one) and also on the Digital Unit. Unfortunatly, it did not cure the problem.
So, as suggested, I ordered a Digital Unit un eBay. Hope it is good...
I should receive it in the coming week.
Once I have swapt it, I'll tell you the result.

Once again, thank to you and we keep in touch.

73
Fred F4EOP

---In ts-850_450_690@yahoogroups.com, <ik8vze@...> wrote:

□
I had problems on the display of the TS850, practically disappeared while working around the display with directions, because capacitor 18 c on the display board was old release with liquid on the pcb.
The second type of failure that seems to manifest more of the logical drive, I also had this kind of problem, tune the frequency crashed and could not be more 'change while all the radio buttons were stuck, solution changes the entire card digital unit, which I have kept for spare parts.
Update me on your search

Regards de ik8vze & ac2lc Expeditus rizzuti

----- Original Message -----
From: f4eop@...
To: TS-850_450_690@yahoogroups..com
Sent: Wednesday, October 30, 2013 7:38 PM
Subject: [TS-850_450_690] TS850AT Digital Unit Failure?

Hi all,

After gazing at this group for many years now (I have been the happy owner of my TS850 for 6yaers now), It's me to submit a problem:

Yesterday when I switched on my Xver, everything was OK.
A few minites later, the display exhibited stange things (no more figures, a few dots in some places), the major part of the front panel buttons were deaf and also the knob, the audio sounded very distorted.
Panic!!!

After reading many comments and posts, I decided to change the whole chemical capacitors (with brend new ones) on the Display board, Digital unit and CAR unit.

Note that none of the capacitors nor the battery were leaky.
Result? always the same problem.

-As the display unit often reported problem looks to be the capacitors, it should be fixed.
-As the audio distortion could be a misalignement in the local oscillators
-and As many buttons do no respond
I found the crossing point of these symptoms could be the Digital Unit.

Am I right or wrong?
If I am right, what problem can occur on this board?
Does any boby have any experience to share?

Tnx for helping my 850 survive.
Fortunatly, I am still on air with my old Atlas 210X!!!

73
Fred F4EOP

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12443. RE: TS450 Display too bright

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-17 03:26:31 UTC
From: <fransuti@...>
Topic: 12380 Message: 12443

my 450 had the same problem and in some time it went out completely, like low voltage on display and radio is dead. I read some where about a 8 volt regulator on the internal power supply board.

---In TS-850_450_690@yahoogroups.com, <9w2tzw@...> wrote:

Hi, i recently got TS450 from my friend.The problem with the transceiver is the display too bright and i could not read the display properly...but the radio got no problem with RX /TX and AT-tuner.any suggestion? thanks

Regards,
Hafizi,
9W2TZW

12444. My 450 is out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-17 03:13:55 UTC
From: <fransuti@...>
Topic: 12444 Message: 12444

ive had a 430s for some time, nice rig. I decided to buy a 450s and keep the 430 for backup, well bought the 450 working pretty good, the display was a little brighter than it should be but worked looking at it sideways, a week later when I turned on, all display was completely on and radio did not respond to nothing,i tapped the top of the radio and started working again, like cold solder. as usual worked for a week this morning I turned it on ok I was monitoring and all of a sudden display turned crazy again all lights on like low current and did not respond to nothing. I have tapped all over the radio and nothing. I also opened radio and tapped boards and nothing. any idea where I should look... tryied another ps and the same.

12445. Re: [TS-850_450_690] My 450 is out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-17 12:53:11 UTC
From: Dave Rust
Topic: 12444 Message: 12445

fransuiti, it sounds like your digital board in the front of the radio went out. I bought one with only two of the filter lights on the top left side of the radio that would light. Nothing else, no functions. I replaced the digital board and it has worked ever since. No doubt as old as they are getting it will be something else in the future. Let us know what happens. BTW I got my board off Ebay for about $50 if I remember correctly.
Dave W0DLR

12446. Re: [TS-850_450_690] My 450 is out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-17 18:58:21 UTC
From: Frank Fernandez
Topic: 12444 Message: 12446

Hi there I thought about that, but then you belive that these filters have to do with no funciones on the radio, probably making a short somewhere and not letting the other funcions work as they should. Really thanks for the info, would study that on this afternoon... Thankssss

2013/11/17 Dave Rust <dlrust@...>

>
>
>
> fransuiti, it sounds like your digital board in the front of the radio
> went out. I bought one with only two of the filter lights on the top left
> side of the radio that would light. Nothing else, no functions. I
> replaced the digital board and it has worked ever since. No doubt as old
> as they are getting it will be something else in the future. Let us know
> what happens. BTW I got my board off Ebay for about $50 if I remember
> correctly.
> Dave W0DLR
>
>
>

12447. RE: Re: [TS-850_450_690] My 450 is out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-19 00:08:05 UTC
From: <fransuti@...>
Topic: 12444 Message: 12447

Hi guys just wanted to let yall know that the 450 is alive, took out all plugs on the front unit put them back on and came out working like new again. thanks to all... I hope it stay that way...

---In TS-850_450_690@yahoogroups.com, <fransuti@...> wrote:

Hi there I thought about that, but then you belive that these filters have to do with no funciones on the radio, probably making a short somewhere and not letting the other funcions work as they should. Really thanks for the info, would study that on this afternoon... Thankssss

2013/11/17 Dave Rust <dlrust@... mailto:dlrust@...>
fransuiti, it sounds like your digital board in the front of the radio went out. I bought one with only two of the filter lights on the top left side of the radio that would light. Nothing else, no functions. I replaced the digital board and it has worked ever since. No doubt as old as they are getting it will be something else in the future. Let us know what happens. BTW I got my board off Ebay for about $50 if I remember correctly.
Dave W0DLR

12448. Re: Re: [TS-850_450_690] My 450 is out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-19 01:55:51 UTC
From: Dave Rust
Topic: 12444 Message: 12448

Glad you got the 450s working. Sounds good, mine wasn't that lucky.
Thanks for letting us know. THey are a great radio.
W0DLR 73

12449. Kenwood Ts850 prob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-24 13:15:47 UTC
From: <vk2pwr@...>
Topic: 12449 Message: 12449

Hi all i have had my 850 for about 12 months monitor has never work right voice recorder is just all rubbish when played after turned off when when the radio has been on a for a few hours u got a lot of ALC and very little power only when it has been on a long time this driving me crazy and atm the 850 is my only HF rig

73

Adam VK2PWR

12450. RE: I Need A Kenwood TS-850S Service Manual

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-24 13:08:54 UTC
From: <vk2pwr@...>
Topic: 12206 Message: 12450

Hi bob i have a good service manual on the 850 in PDF format if u havnt got one yet plz email direct vk2pwr@gmail.com and i will send it to u

---In TS-850_450_690@yahoogroups.com, <rob@...> wrote:

Hi. I need a copy of the Kenwood TS-850 Service Manual in hard copy paper form or a .PDF one that has good, high-resolution schematics. One that's text-searchable is preferred but legible schematics are necessary.

I have found some and downloaded them from various sites, but they all have had very poor quality scans of the schematics that were impossible to print and put together into a reasonable approximation of the original. Even if I could get a better scan of the schematics alone, I could make due.

Please get in touch if you happen to have a spare hard copy one you don't need that you would part with for a reasonable price, or if you would be willing to do a good, high-res scan of yours, including the schematics: I would be *very* grateful.

I have seen them on ebay from time to time, but they are asking an arm and a leg...

Thanks & 73! - Rob, VA3GRU.

12451. Re Kenwood Ts850 prob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-25 09:18:51 UTC
From: Jose V. Gavila
Topic: 12451 Message: 12451

Hello Adam,

> Hi all i have had my 850 for about 12 months monitor has never work
> right voice recorder is just all rubbish when played after turned
> off when when the radio has been on a for a few hours u got a lot of
> ALC and very little power only when it has been on a long time this
> driving me crazy and atm the 850 is my only HF rig
>
> 73
>
> Adam VK2PWR

Well, at least for one of your problems (the ALC problem), you need to check the -6V power supply (DC-DC unit). It is a tiny PCB located on an small PCB, just between front panel and CAR UNIT box, on the top side of the chassis, hidden among lots of cables. You can get it out carefully from the side, once you have removed the cables which go to it.

To fix it for sure, you need to replace a couple 2SC2712 transistors, a 2SA1162 and four 33uF/16V caps. Most times just the 2SC2712s and the caps will do.

Of course, before doing that work, you can check the -6V line to see if it is changing. I guess it will.

BTW, the DC-DC schematic is on the RF UNIT one (page 126 of the manual)

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12452. ts-850s no RF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-25 19:01:17 UTC
From: <k2gmy@...>
Topic: 12452 Message: 12452

Uh Oh. No smoke, but bad smell.....then no RF power output !
Is there a description somewhere on how to test and take apart the final output stage of the TS-850S ?
And maybe a video or description for removing and replacing Power Transistors? This is a new experience for me, and would like to give it a go, rather than sending the rig away for repair !
Thanks in advance for any forthcoming guidance.
73, Dick K2GMY

12453. TS-850 No VOX?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-25 22:30:36 UTC
From: <iandetom@...>
Topic: 12453 Message: 12453

Hi all, I have a TS-850 I have been working on, no tuner and no extra filters and no DSP. On the carrier board, I have replace 9 of the surface mount capacitors so far. I have gotten all the leaky ones replaced and the 4 that are left are the ones in the middle of the carrier board. (hardest to get to!) I have been changing them in groups of three or four and then trying out the radio. This way, if I create a new problem, I know where to look. My carrier board has the 6631 9028 1aub chips on it. The radio is actually working pretty good but I have a couple things not working, one is one of the attenuator positions is not working, radio goes silent when I switch in maximum attenuation and the other glitch is the VOX is not working. VOX does not work in CW mode nor SSB mode. The cw mode is the one I want to work. I have not pulled the face of the radio down yet, that is coming soon as I want to replace the battery. Oh yeah, on my carrier board, I have been replacing the old caps with new 35 volt electrolytics that are not surface mount, axial leads I think. They install good and are easier for me to work with. Can anyone point me at some things to look at for the VOX issue? Thank you all for reading my post and thank you in advance for any info you might send me.
73 de Tom N8CT

12454. Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-26 16:35:41 UTC
From: Tom Jones N8NMA
Topic: 12454 Message: 12454

Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB it is garbled and almost sounds like it does not tune while turning the freq knob. Thought it may be the D31 issue but that has not fixed it. Anywhere else to start looking ?

Thanks

Tom N8NMA

12455. Re: [TS-850_450_690] Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-26 17:05:35 UTC
From: Jose V. Gavila
Topic: 12454 Message: 12455

Hello Tom,

> Have a receive issue with a TS-850. It receives ok in FM and AM but in
> SSB it is garbled and almost sounds like it does not tune while turning
> the freq knob. Thought it may be the D31 issue but that has not fixed
> it. Anywhere else to start looking ?
> Thanks
> Tom N8NMA

Yes... check the CAR UNIT for capacitor leakage, similar to what is
shown here:

http://jvgavila.com/wb7.htm#sec3

If it has leakage, carefully remove, _clean_, repair traces / vias and
replace caps.

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12456. Re: [TS-850_450_690] Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-26 16:48:58 UTC
From: Chris
Topic: 12454 Message: 12456

Tom, you have the same exact issue that I had with my 850, and this is from a bad DDS chip. I ended up selling mine as a part radio because it is very hard to find a replacement chip or board. There are 4 6631 or 66312 DDS chips on the CAR board and one of them is used for SSB product detector. When this chip quits, you get all garbled SSB audio while FM and AM are OK.

I am sorry to hear that you have this issue, but the only solution is to find a replacement board or chip if you have ability and tools to replace the chip. There is an info about which one causes this issue, so you just need one chip. I have checked all parts suppliers and none of them has it. Some vendors in China claims that they have them but I didn't go for it. I hope you find a solution as I miss my 850 a lot. Good luck!

Chris AD1AD

On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:

>
>
> Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
> it is garbled and almost sounds like it does not tune while turning the
> freq knob. Thought it may be the D31 issue but that has not fixed it.
> Anywhere else to start looking ?
>
> Thanks
>
> Tom N8NMA
>
>
>

--
The whole problem with the world is that fools and fanatics are always so certain of themselves, but wiser people so full of doubts.

12457. Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-26 18:52:24 UTC
From: Zack
Topic: 12454 Message: 12457

I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.

As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?

Zack Clobes, W0ZC

--- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>
> Tom, you have the same exact issue that I had with my 850, and this is from
> a bad DDS chip. I ended up selling mine as a part radio because it is very
> hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
> chips on the CAR board and one of them is used for SSB product detector.
> When this chip quits, you get all garbled SSB audio while FM and AM are
> OK.
>
> I am sorry to hear that you have this issue, but the only solution is to
> find a replacement board or chip if you have ability and tools to replace
> the chip. There is an info about which one causes this issue, so you just
> need one chip. I have checked all parts suppliers and none of them has
> it. Some vendors in China claims that they have them but I didn't go for
> it. I hope you find a solution as I miss my 850 a lot. Good luck!
>
> Chris AD1AD
>
>
> On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>
> > >
> > >
> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
> > > it is garbled and almost sounds like it does not tune while turning the
> > > freq knob. Thought it may be the D31 issue but that has not fixed it.
> > > Anywhere else to start looking ?
> > >
> > > Thanks
> > >
> > > Tom N8NMA
> > >
> > >
> > >
> >
> >

>
> --
> The whole problem with the world is that fools and fanatics are always so
> certain of themselves, but wiser people so full of doubts.
>

12458. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-26 20:45:44 UTC
From: Tom Jones N8NMA
Topic: 12454 Message: 12458

Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???

Tom N8NMA

From: Zack <zclobes@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 26, 2013 1:52 PM
Subject: [TS-850_450_690] Re: Receive issue with 850

I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.

As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?

Zack Clobes, W0ZC

--- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>
> Tom, you have the same exact issue that I had with my 850, and this is from
> a bad DDS chip. I ended up selling mine as a part radio because it is very
> hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
> chips on the CAR board and one of them is used for SSB product detector.
> When this chip quits, you get all garbled SSB audio while FM and AM are
> OK.
>
> I am sorry to hear that you have this issue, but the only solution is to
> find a replacement board or chip if you have ability and tools to replace
> the chip. There is an info about which one causes this issue, so you just
> need one chip. I have checked all parts suppliers and none of them has
> it. Some vendors in China claims that they have them but I didn't go for
> it. I hope you find a solution as I miss my 850 a lot. Good luck!
>
> Chris AD1AD
>
>
> On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>
> > >
> > >
> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
> > > it is garbled and almost sounds like it does not tune while turning the

> > freq knob. Thought it may be the D31 issue but that has not fixed it.
> > Anywhere else to start looking ?
> >
> > Thanks
> >
> > Tom N8NMA
> >
> >
> >
>
>
>
> --
> The whole problem with the world is that fools and fanatics are always so
> certain of themselves, but wiser people so full of doubts.
>

12459. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-26 21:59:07 UTC
From: Chris
Topic: 12454 Message: 12459

No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.

I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?

Chris AD1AD

On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:

>
>
> Well the caps on the CAR board are the original caps and show some signs
> of leakage. The audio also is nearly gone on receive on SSB and there is no
> transmit ???
>
> Tom N8NMA
>
> *From:* Zack <zclobes@...>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Tuesday, November 26, 2013 1:52 PM
> *Subject:* [TS-850_450_690] Re: Receive issue with 850
>
>
> I think I'm starting to have the same issues with my 850 - the SSB
> sounds garbled at times. I haven't tested AM or FM yet, but I do have a set
> of caps on order, hoping that will get me going. I've inspected the CAR
> board and don't see any visible damage, but I haven't removed the old ones
> yet either.
>
> As for the chips, I thought that the newer 66312 chips (which I have) were
> far less susceptible to this problem than the older 6631's were. Are the
> '2's a problem also?
>
> Zack Clobes, W0ZC
>
> --- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
> >
> > Tom, you have the same exact issue that I had with my 850, and this is
> from
> > a bad DDS chip. I ended up selling mine as a part radio because it is

> very
> > hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
> > chips on the CAR board and one of them is used for SSB product detector.
> > When this chip quits, you get all garbled SSB audio while FM and AM are
> > OK.
> >
> > I am sorry to hear that you have this issue, but the only solution is to
> > find a replacement board or chip if you have ability and tools to replace
> > the chip. There is an info about which one causes this issue, so you just
> > need one chip. I have checked all parts suppliers and none of them has
> > it. Some vendors in China claims that they have them but I didn't go for
> > it. I hope you find a solution as I miss my 850 a lot. Good luck!
> >
> > Chris AD1AD
> >
> >
> > On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
> >
> > >
> > >
> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in
> SSB
> > > it is garbled and almost sounds like it does not tune while turning the
> > > freq knob. Thought it may be the D31 issue but that has not fixed it.
> > > Anywhere else to start looking ?
> > >
> > > Thanks
> > >
> > > Tom N8NMA
> > >
> > >
> > >
> >
> >
> >
> > --
> > The whole problem with the world is that fools and fanatics are always so
> > certain of themselves, but wiser people so full of doubts.
> >
>
>
>
>
>

--
The whole problem with the world is that fools and fanatics are always so
certain of themselves, but wiser people so full of doubts.

12460. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 03:00:09 UTC
From: n8nma@...
Topic: 12454 Message: 12460

Well the radio belongs to a friend of mine. I have one that works great thank goodness. I was just troubleshooting his to see of I could fix it for him and yes I do smt rework and have the tools for it.
Gonna have to give him a call and see what he wants to do.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:

> No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.
>
> I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?
>
> Chris AD1AD
>
>
> On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:
>
> Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???
>
> Tom N8NMA
>
> From: Zack <zclobes@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, November 26, 2013 1:52 PM
> Subject: [TS-850_450_690] Re: Receive issue with 850
>
>
> I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.
>
> As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?
>
> Zack Clobes, W0ZC

>
> --- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
> >
> > Tom, you have the same exact issue that I had with my 850, and this is from
> > a bad DDS chip. I ended up selling mine as a part radio because it is very
> > hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
> > chips on the CAR board and one of them is used for SSB product detector.
> > When this chip quits, you get all garbled SSB audio while FM and AM are
> > OK.
> >
> > I am sorry to hear that you have this issue, but the only solution is to
> > find a replacement board or chip if you have ability and tools to replace
> > the chip. There is an info about which one causes this issue, so you just
> > need one chip. I have checked all parts suppliers and none of them has
> > it. Some vendors in China claims that they have them but I didn't go for
> > it. I hope you find a solution as I miss my 850 a lot. Good luck!
> >
> > Chris AD1AD
> >
> >
> > On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
> >
> > >
> > >
> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
> > > it is garbled and almost sounds like it does not tune while turning the
> > > freq knob. Thought it may be the D31 issue but that has not fixed it.
> > > Anywhere else to start looking ?
> > >
> > > Thanks
> > >
> > > Tom N8NMA
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > --
> > > The whole problem with the world is that fools and fanatics are always so
> > > certain of themselves, but wiser people so full of doubts.
> > >
> >
> >
> >
> >
> >
> >
> >
> > --
> > The whole problem with the world is that fools and fanatics are always so certain of

themselves, but wiser people so full of doubts.
>

12461. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 03:11:25 UTC
From: n8nma@...
Topic: 12454 Message: 12461

Which DDS chip fails ?

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:

> No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.
>
> I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?
>
> Chris AD1AD
>
>
> On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:
>
> Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???
>
> Tom N8NMA
>
> From: Zack <zclobes@...>
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, November 26, 2013 1:52 PM
> Subject: [TS-850_450_690] Re: Receive issue with 850
>
>
> I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.
>
> As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?
>
> Zack Clobes, W0ZC
>
> --- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
> >

> > Tom, you have the same exact issue that I had with my 850, and this is from
> > a bad DDS chip. I ended up selling mine as a part radio because it is very
> > hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
> > chips on the CAR board and one of them is used for SSB product detector.
> > When this chip quits, you get all garbled SSB audio while FM and AM are
> > OK.
> >
> > I am sorry to hear that you have this issue, but the only solution is to
> > find a replacement board or chip if you have ability and tools to replace
> > the chip. There is an info about which one causes this issue, so you just
> > need one chip. I have checked all parts suppliers and none of them has
> > it. Some vendors in China claims that they have them but I didn't go for
> > it. I hope you find a solution as I miss my 850 a lot. Good luck!
> >
> > Chris AD1AD
> >
> >
> > On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
> >
> > >
> > >
> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
> > > it is garbled and almost sounds like it does not tune while turning the
> > > freq knob. Thought it may be the D31 issue but that has not fixed it.
> > > Anywhere else to start looking ?
> > >
> > > Thanks
> > >
> > > Tom N8NMA
> > >
> > >
> > >
> >
> >
> >
> > --
> > The whole problem with the world is that fools and fanatics are always so
> > certain of themselves, but wiser people so full of doubts.
> >
>
>
>
>
>
>
> --
> The whole problem with the world is that fools and fanatics are always so certain of
themselves, but wiser people so full of doubts.
>

12462. Best replacement for 2SC2509?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 03:16:35 UTC
From: <aa5te.kb5ehr@...>
Topic: 12462 Message: 12462

What's the best replacement (besides the now expensive originals) for the 2SC2509's in a TS-690S? The 2SC3133 or the 2SC1945?

Thanks!

12463. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 03:52:41 UTC
From: Bob Naylor
Topic: 12454 Message: 12463

Guys, I hope this isn't a stupid question, but what is SMT?
73, Bob WE6C

From: "n8nma@..." <n8nma@yahoo.com>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, November 26, 2013 7:00 PM
Subject: Re: [TS-850_450_690] Re: Receive issue with 850

Well the radio belongs to a friend of mine. I have one that works great thank goodness. I was just troubleshooting his to see of I could fix it for him and yes I do smt rework and have the tools for it.
Gonna have to give him a call and see what he wants to do.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:

>No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.
>
>I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?
>
>Chris AD1AD
>
>
>
>
>On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:
>
>
>>
>>Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???
>>
>>Tom N8NMA
>>
>>
>>From: Zack <zclobes@...>

>>To: TS-850_450_690@yahoogroups.com
>>Sent: Tuesday, November 26, 2013 1:52 PM
>>Subject: [TS-850_450_690] Re: Receive issue with 850
>>
>>
>>
>>
>>I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.
>>
>>As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?
>>
>>Zack Clobes, W0ZC
>>
>>--- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>>>
>>> Tom, you have the same exact issue that I had with my 850, and this is from
>>> a bad DDS chip. I ended up selling mine as a part radio because it is very
>>> hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
>>> chips on the CAR board and one of them is used for SSB product detector.
>>> When this chip quits, you get all garbled SSB audio while FM and AM are
>>> OK.
>>>
>>> I am sorry to hear that you have this issue, but the only solution is to
>>> find a replacement board or chip if you have ability and tools to replace
>>> the chip. There is an info about which one causes this issue, so you just
>>> need one chip. I have checked all parts suppliers and none of them has
>>> it. Some vendors in China claims that they have them but I didn't go for
>>> it. I hope you find a solution as I miss my 850 a lot. Good luck!
>>>
>>> Chris AD1AD
>>>
>>>
>>> On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>>>
>>> >
>>> >
>>> > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
>>> > it is garbled and almost sounds like it does not tune while turning the
>>> > freq knob. Thought it may be the D31 issue but that has not fixed it.
>>> > Anywhere else to start looking ?
>>> >
>>> > Thanks
>>> >
>>> > Tom N8NMA
>>> >
>>> >

>>> >
>>>
>>>
>>>
>>> --
>>> The whole problem with the world is that fools and fanatics are always so
>>> certain of themselves, but wiser people so full of doubts.
>>>
>>
>>
>>
>>
>
>
>--
>
>The whole problem with the world is that fools and fanatics are always so certain of
themselves, but wiser people so full of doubts.

12464. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 04:06:43 UTC
From: n8nma@...
Topic: 12454 Message: 12464

Surface mount technology. No such thing as stupid questions as far as I am concerned.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 10:52 PM, Bob Naylor <wotbob01@...> wrote:

> Guys, I hope this isn't a stupid question, but what is SMT?
> 73, Bob WE6C
>
>
> From: "n8nma@..." <n8nma@...>
> To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, November 26, 2013 7:00 PM
> Subject: Re: [TS-850_450_690] Re: Receive issue with 850
>
>
> Well the radio belongs to a friend of mine. I have one that works great thank goodness. I was just troubleshooting his to see of I could fix it for him and yes I do smt rework and have the tools for it.
> Gonna have to give him a call and see what he wants to do.
>
> Tom N8NMA
>
> Sent from my iPad
>
> On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:
>
>>
>> No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.
>>
>> I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?
>>
>> Chris AD1AD
>>
>>
>> On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:
>>
>> Well the caps on the CAR board are the original caps and show some signs of leakage. The

audio also is nearly gone on receive on SSB and there is no transmit ???
>>
>> Tom N8NMA
>>
>> From: Zack <zclobes@...>
>> To: TS-850_450_690@...m
>> Sent: Tuesday, November 26, 2013 1:52 PM
>> Subject: [TS-850_450_690] Re: Receive issue with 850
>>
>>
>> I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.
>>
>> As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?
>>
>> Zack Clobes, W0ZC
>>
>> --- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>> >
>> > Tom, you have the same exact issue that I had with my 850, and this is from
>> > a bad DDS chip. I ended up selling mine as a part radio because it is very
>> > hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
>> > chips on the CAR board and one of them is used for SSB product detector.
>> > When this chip quits, you get all garbled SSB audio while FM and AM are
>> > OK.
>> >
>> > I am sorry to hear that you have this issue, but the only solution is to
>> > find a replacement board or chip if you have ability and tools to replace
>> > the chip. There is an info about which one causes this issue, so you just
>> > need one chip. I have checked all parts suppliers and none of them has
>> > it. Some vendors in China claims that they have them but I didn't go for
>> > it. I hope you find a solution as I miss my 850 a lot. Good luck!
>> >
>> > Chris AD1AD
>> >
>> >
>> > On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>> >
>> > >
>> > >
>> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
>> > > it is garbled and almost sounds like it does not tune while turning the
>> > > freq knob. Thought it may be the D31 issue but that has not fixed it.
>> > > Anywhere else to start looking ?
>> > >
>> > > Thanks
>> > >
>> > > Tom N8NMA

>> > >
>> > >
>> > >
>> >
>> >
>> >
>> > --
>> > The whole problem with the world is that fools and fanatics are always so
>> > certain of themselves, but wiser people so full of doubts.
>> >
>>
>>
>>
>>
>>
>>
>> --
>> The whole problem with the world is that fools and fanatics are always so certain of
themselves, but wiser people so full of doubts.
>
>
>

12465. Re: [TS-850_450_690] Best replacement for 2SC2509?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 04:30:51 UTC
From: Zack Widup
Topic: 12462 Message: 12465

The 1945 works fine. I have replaced the 2SC2509 with the 2SC1945 in a couple radios.

73, Zack W9SZ

On 11/26/13, aa5te.kb5ehr@... <aa5te.kb5ehr@...> wrote:
> What's the best replacement (besides the now expensive originals) for the
> 2SC2509's in a TS-690S? The 2SC3133 or the 2SC1945?
>
>
> Thanks!
>

12466. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 04:13:58 UTC
From: Daniel Raney
Topic: 12454 Message: 12466

Bob, Tom uses the REAL term for SMT. I say SMT stands for " Something Mighty Tiny"!

Dan

-----Original Message-----
From: n8nma <n8nma@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Nov 26, 2013 8:08 pm
Subject: Re: [TS-850_450_690] Re: Receive issue with 850

Surface mount technology. No such thing as stupid questions as far as I am concerned.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 10:52 PM, Bob Naylor <wotbob01@...> wrote:

Guys, I hope this isn't a stupid question, but what is SMT?
73, Bob WE6C

From: "n8nma@yahoo.com" <n8nma@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, November 26, 2013 7:00 PM
Subject: Re: [TS-850_450_690] Re: Receive issue with 850

Well the radio belongs to a friend of mine. I have one that works great thank goodness. I was just troubleshooting his to see of I could fix it for him and yes I do smt rework and have the tools for it.
Gonna have to give him a call and see what he wants to do.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:

No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.

I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?

Chris AD1AD

On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:

Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???

Tom N8NMA

From: Zack <zclobes@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 26, 2013 1:52 PM
Subject: [TS-850_450_690] Re: Receive issue with 850

I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.

As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?

Zack Clobes, W0ZC

--- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>
> Tom, you have the same exact issue that I had with my 850, and this is from
> a bad DDS chip. I ended up selling mine as a part radio because it is very
> hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
> chips on the CAR board and one of them is used for SSB product detector.
> When this chip quits, you get all garbled SSB audio while FM and AM are
> OK.
>
> I am sorry to hear that you have this issue, but the only solution is to
> find a replacement board or chip if you have ability and tools to replace
> the chip. There is an info about which one causes this issue, so you just
> need one chip. I have checked all parts suppliers and none of them has
> it. Some vendors in China claims that they have them but I didn't go for
> it. I hope you find a solution as I miss my 850 a lot. Good luck!
>
> Chris AD1AD
>
>
> On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>
> > >
> > >
> > > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
> > > it is garbled and almost sounds like it does not tune while turning the
> > > freq knob. Thought it may be the D31 issue but that has not fixed it.
> > > Anywhere else to start looking ?
> > >
> > > Thanks
> > >
> > > Tom N8NMA

> >
> >
> >
>
>
>
> --
> The whole problem with the world is that fools and fanatics are always so
> certain of themselves, but wiser people so full of doubts.
>

--

The whole problem with the world is that fools and fanatics are always so certain of themselves, but wiser people so full of doubts.

12467. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 16:00:45 UTC
From: Bob Naylor
Topic: 12454 Message: 12467

Thanks Tom. Sometimes I seem to have problems with abbreviations. Losing brain cells! LOL!
Bob WE6C

From: "n8nma@..." <n8nma@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, November 26, 2013 8:06 PM
Subject: Re: [TS-850_450_690] Re: Receive issue with 850

Surface mount technology. No such thing as stupid questions as far as I am concerned.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 10:52 PM, Bob Naylor <wotbob01@...> wrote:

>Guys, I hope this isn't a stupid question, but what is SMT?
>73, Bob WE6C
>
>
>
>
>
>
>_____
> From: "n8nma@..." <n8nma@...>
>To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
>Sent: Tuesday, November 26, 2013 7:00 PM
>Subject: Re: [TS-850_450_690] Re: Receive issue with 850
>
>
>
>
>Well the radio belongs to a friend of mine. I have one that works great thank goodness. I was just troubleshooting his to see of I could fix it for him and yes I do smt rework and have the tools for it.
>Gonna have to give him a call and see what he wants to do.
>
>Tom N8NMA
>
>
>Sent from my iPad
>
>On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:
>

>
>
>>No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.
>>
>>I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?
>>
>>Chris AD1AD
>>
>>
>>
>>
>>On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:
>>
>>
>>>
>>>Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???
>>>
>>>Tom N8NMA
>>>
>>>
>>>From: Zack <zclobes@...>
>>>To: TS-850_450_690@yahoogroups.com
>>>Sent: Tuesday, November 26, 2013 1:52 PM
>>>Subject: [TS-850_450_690] Re: Receive issue with 850
>>>
>>>
>>>
>>>
>>>I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.
>>>
>>>As for the chips, I thought that the newer 66312 chips (which I have) were far less susceptible to this problem than the older 6631's were. Are the '2's a problem also?
>>>
>>>Zack Clobes, W0ZC
>>>
>>>--- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>>>>
>>>> Tom, you have the same exact issue that I had with my 850, and this is from
>>>> a bad DDS chip. I ended up selling mine as a part radio because it is very
>>>> hard to find a replacement chip or board. There are 4 6631 or 66312 DDS

>>>> chips on the CAR board and one of them is used for SSB product detector.
>>>> When this chip quits, you get all garbled SSB audio while FM and AM are
>>>> OK.
>>>>
>>>> I am sorry to hear that you have this issue, but the only solution is to
>>>> find a replacement board or chip if you have ability and tools to replace
>>>> the chip. There is an info about which one causes this issue, so you just
>>>> need one chip. I have checked all parts suppliers and none of them has
>>>> it. Some vendors in China claims that they have them but I didn't go for
>>>> it. I hope you find a solution as I miss my 850 a lot. Good luck!
>>>>
>>>> Chris AD1AD
>>>>
>>>>
>>>> On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>>>>
>>>> >
>>>> >
>>>> > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
>>>> > it is garbled and almost sounds like it does not tune while turning the
>>>> > freq knob. Thought it may be the D31 issue but that has not fixed it.
>>>> > Anywhere else to start looking ?
>>>> >
>>>> > Thanks
>>>> >
>>>> > Tom N8NMA
>>>> >
>>>> >
>>>> >
>>>>
>>>>
>>>>
>>>> --
>>>> The whole problem with the world is that fools and fanatics are always so
>>>> certain of themselves, but wiser people so full of doubts.
>>>>
>>>
>>>
>>>
>>>
>>
>>
>>--
>>
>>The whole problem with the world is that fools and fanatics are always so certain of
themselves, but wiser people so full of doubts.
>
>

12468. Re: [TS-850_450_690] Re: Receive issue with 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-27 16:07:00 UTC
From: Bob Naylor
Topic: 12454 Message: 12468

LOL!!!
Bob

From: Daniel Raney <fyrmandan@...>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 26, 2013 8:13 PM
Subject: Re: [TS-850_450_690] Re: Receive issue with 850

Bob, Tom uses the REAL term for SMT. I say SMT stands for " Something Mighty Tiny"!
Dan
-----Original Message-----
From: n8nma <n8nma@yahoo.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Nov 26, 2013 8:08 pm
Subject: Re: [TS-850_450_690] Re: Receive issue with 850

Surface mount technology. No such thing as stupid questions as far as I am concerned.

Tom N8NMA

Sent from my iPad

On Nov 26, 2013, at 10:52 PM, Bob Naylor <wotbob01@...> wrote:

>Guys, I hope this isn't a stupid question, but what is SMT?
>73, Bob WE6C
>
>
>
>
>
>
>_____
> From: "n8nma@..." <n8nma@yahoo.com>
>To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
>Sent: Tuesday, November 26, 2013 7:00 PM
>Subject: Re: [TS-850_450_690] Re: Receive issue with 850
>
>
>
>
>Well the radio belongs to a friend of mine. I have one that works great thank goodness. I was just troubleshooting his to see of I could fix it for him and yes I do smt rework and have the tools for it.
>Gonna have to give him a call and see what he wants to do.
>

>Tom N8NMA
>
>
>Sent from my iPad
>
>On Nov 26, 2013, at 4:59 PM, Chris <ve3uvt@...> wrote:
>
>
>
>>No transmit is also the symptom that I had with the DDS chip issue. I bought a set of replacement caps and replace them as suggested, but that didn't do any. I sent an e-mail to AVVID and was told that this is most likely the DDS chip issue.
>>
>>
I see CAR boards becomes available on eBay at times, so you might get lucky to spot one. You can use either 66312 or 6631 chips on the same board. You will need SMT rework tools if you want to salvage chips. Fully working CAR boards are still very expensive in the used market but you can find one with chip issue fairly cheap. Do you know anyone who has SMT rework tools?
>>
>>
Chris AD1AD
>>
>>
>>
>>
>>On Tue, Nov 26, 2013 at 3:45 PM, Tom Jones N8NMA <n8nma@...> wrote:
>>
>>
>>>
>>>Well the caps on the CAR board are the original caps and show some signs of leakage. The audio also is nearly gone on receive on SSB and there is no transmit ???
>>>
>>>Tom N8NMA
>>>
>>>
>>>From: Zack <zclobes@...>
>>>To: TS-850_450_690@yahoogroups.com
>>>Sent: Tuesday, November 26, 2013 1:52 PM
>>>Subject: [TS-850_450_690] Re: Receive issue with 850
>>>
>>>
>>>
>>>
>>>I think I'm starting to have the same issues with my 850 - the SSB sounds garbled at times. I haven't tested AM or FM yet, but I do have a set of caps on order, hoping that will get me going. I've inspected the CAR board and don't see any visible damage, but I haven't removed the old ones yet either.
>>>
>>>As for the chips, I thought that the newer 66312 chips (which I have) were far less

susceptible to this problem than the older 6631's were. Are the '2's a problem also?
>>>
>>>Zack Clobes, W0ZC
>>>
>>>--- In TS-850_450_690@yahoogroups.com, Chris <ve3uvt@...> wrote:
>>>>
>>>> Tom, you have the same exact issue that I had with my 850, and this is from
>>>> a bad DDS chip. I ended up selling mine as a part radio because it is very
>>>> hard to find a replacement chip or board. There are 4 6631 or 66312 DDS
>>>> chips on the CAR board and one of them is used for SSB product detector.
>>>> When this chip quits, you get all garbled SSB audio while FM and AM are
>>>> OK.
>>>>
>>>> I am sorry to hear that you have this issue, but the only solution is to
>>>> find a replacement board or chip if you have ability and tools to replace
>>>> the chip. There is an info about which one causes this issue, so you just
>>>> need one chip. I have checked all parts suppliers and none of them has
>>>> it. Some vendors in China claims that they have them but I didn't go for
>>>> it. I hope you find a solution as I miss my 850 a lot. Good luck!
>>>>
>>>> Chris AD1AD
>>>>
>>>>
>>>> On Tue, Nov 26, 2013 at 11:35 AM, Tom Jones N8NMA <n8nma@...> wrote:
>>>>
>>>> >
>>>> >
>>>> > Have a receive issue with a TS-850. It receives ok in FM and AM but in SSB
>>>> > it is garbled and almost sounds like it does not tune while turning the
>>>> > freq knob. Thought it may be the D31 issue but that has not fixed it.
>>>> > Anywhere else to start looking ?
>>>> >
>>>> > Thanks
>>>> >
>>>> > Tom N8NMA
>>>> >
>>>> >
>>>> >
>>>>
>>>>
>>>>
>>>> --
>>>> The whole problem with the world is that fools and fanatics are always so
>>>> certain of themselves, but wiser people so full of doubts.
>>>>
>>>
>>>
>>>
>>>
>>
>>

>>--
>>
>>The whole problem with the world is that fools and fanatics are always so certain of themselves, but wiser people so full of doubts.
>
>

12469. RE: TS-850 No VOX?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-28 00:32:51 UTC
From: <iandetom@...>
Topic: 12453 Message: 12469

Anyone out there have any ideas for why my VOX is not working? Please.

Thanks,

Tom N8CT

---In TS-850_450_690@yahoogroups.com, <iandetom@...> wrote:

Hi all, I have a TS-850 I have been working on, no tuner and no extra filters and no DSP. On the carrier board, I have replace 9 of the surface mount capacitors so far. I have gotten all the leaky ones replaced and the 4 that are left are the ones in the middle of the carrier board. (hardest to get to!) I have been changing them in groups of three or four and then trying out the radio. This way, if I create a new problem, I know where to look. My carrier board has the 6631 9028 1aub chips on it. The radio is actually working pretty good but I have a couple things not working, one is one of the attenuator positions is not working, radio goes silent when I switch in maximum attenuation and the other glitch is the VOX is not working. VOX does not work in CW mode nor SSB mode. The cw mode is the one I want to work. I have not pulled the face of the radio down yet, that is coming soon as I want to replace the battery. Oh yeah, on my carrier board, I have been replacing the old caps with new 35 volt electrolytics that are not surface mount, axial leads I think. They install good and are easier for me to work with. Can anyone point me at some things to look at for the VOX issue? Thank you all for reading my post and thank you in advance for any info you might send me.
73 de Tom N8CT

12470. Re: [TS-850_450_690] RE: TS-850 No VOX?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-28 01:10:08 UTC
From: n8nma@...
Topic: 12453 Message: 12470

The attenuator problem will be 4 resistors on the bottom of the RF board below K1 and K2 SMD's
You will find them on the schematic at the RAT line. R1 is 51 ohms R2 is 100 ohms R3 is 150 ohms and R4 is 82 ohms. I have seen them parallel them as well giving you 8 resistors to change. I don't have any info on the VOX but would look at D1 D2 and Q1 on the VOX board (X59-1080-00). Hope that helps.

Tom N8NMA

Sent from my iPad

On Nov 27, 2013, at 7:32 PM, <iandetom@...> wrote:

> Anyone out there have any ideas for why my VOX is not working? Please.
>
>
>
> Thanks,
>
> Tom N8CT
>
>
>
>
>
>
>
>
> ---In TS-850_450_690@yahoogroups.com, <iandetom@...> wrote:
>
> Hi all, I have a TS-850 I have been working on, no tuner and no extra filters and no DSP. On the carrier board, I have replace 9 of the surface mount capacitors so far. I have gotten all the leaky ones replaced and the 4 that are left are the ones in the middle of the carrier board. (hardest to get to!) I have been changing them in groups of three or four and then trying out the radio. This way, if I create a new problem, I know where to look. My carrier board has the 6631 9028 1aub chips on it. The radio is actually working pretty good but I have a couple things not working, one is one of the attenuator positions is not working, radio goes silent when I switch in maximum attenuation and the other glitch is the VOX is not working. VOX does not work in CW mode nor SSB mode. The cw mode is the one I want to work. I have not pulled the face of the radio down yet, that is coming soon as I want to replace the battery. Oh yeah, on my carrier board, I have been replacing the old caps with new 35 volt electrolytics that are not surface mount, axial leads I think. They install good and are easier for me to work with. Can anyone point me at some things to look at for the VOX issue? Thank you all for reading my post and thank you in advance for any info you might send me.
> 73 de Tom N8CT
>

12471. Re: [TS-850_450_690] RE: TS-850 No VOX?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-28 18:09:23 UTC
From: ik8vze
Topic: 12453 Message: 12471

For the vox you have to check behind the radio, where you can find 3 potentiometers that adjust the delay, the sensitivity and the anti vox circuit, turning them clockwise to increase it seems to me that all three parameters. if you go in iambic cw key automatic, your transmitter will output rf vox only with the key inserted. If may be useful to have all these adjustment procedures of your system kenwood 850.
73 all the list de ik8vze-ac2lc Espedito
----- Original Message -----
From: n8nma@...
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 28, 2013 2:10 AM
Subject: Re: [TS-850_450_690] RE: TS-850 No VOX?

The attenuator problem will be 4 resistors on the bottom of the RF board below K1 and K2 SMD's
You will find them on the schematic at the RAT line. R1 is 51 ohms R2 is 100 ohms R3 is 150 ohms and R4 is 82 ohms. I have seen them parallel them as well giving you 8 resistors to change. I don't have any info on the VOX but would look at D1 D2 and Q1 on the VOX board (X59-1080-00). Hope that helps.

Tom N8NMA

Sent from my iPad

On Nov 27, 2013, at 7:32 PM, <iandetom@...> wrote:

Anyone out there have any ideas for why my VOX is not working? Please.

Thanks,

Tom N8CT

---In TS-850_450_690@yahoogroups.com, <iandetom@...> wrote:

Hi all, I have a TS-850 I have been working on, no tuner and no extra filters and no DSP. On the carrier board, I have replace 9 of the surface mount capacitors so far. I have gotten all the leaky ones replaced and the 4 that are left are the ones in the middle of the carrier board. (hardest to get to!) I have been changing them in groups of three or four and then trying out the radio. This way, if I create a new problem, I know where to look. My carrier board has the 6631 9028 1aub chips on it. The radio is actually working pretty good but I have a couple things not working, one is one of the attenuator positions is not working, radio goes silent when I switch in maximum attenuation and the other glitch is the VOX is not working. VOX does not work in CW mode nor SSB mode. The cw mode is the one I want to work. I have not pulled the face of the radio down yet, that is coming soon as I want to replace the battery. Oh yeah, on my carrier board, I have been replacing the old caps with new 35 volt electrolytics that are not surface mount, axial leads I think. They install good and a re easier for me to work with. Can anyone point me at some things to look at for the VOX issue? Thank you all for reading my post and thank you in advance

for any info you might send me.
73 de Tom N8CT

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12472. Troubleshooting DDS chips in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-29 20:47:59 UTC
From: Zack
Topic: 12472 Message: 12472

I'm fighting with an '850 that is experiencing symptoms of DDS failure. I spent a few minutes probing around on the CAR board with a 'scope this morning and everything looked good during the problem.

Can someone else who has fought DDS failures tell me what I would expect to find coming out on the four coax cables with a bad chip?

I'm starting to think the problem is beyond the CAR board - maybe down in the PLL's but I don't want to just write off a common, known issue.

Zack

12473. RE: Troubleshooting DDS chips in TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-11-30 17:17:51 UTC
From: <Villy.Madsen@...>
Topic: 12472 Message: 12473

Problems on the PLL board are not uncommon. The trimming cap for the 20mhz pll is (at least in my later model 850) junk.

Problems in this board are however evidenced by a loss of lock - a series of dits from the speaker and (if I remember correctly) a row of dots along the display

Villy VE6SQ

---In TS-850_450_690@yahoogroups.com, <zclobes@...> wrote:

I'm fighting with an '850 that is experiencing symptoms of DDS failure. I spent a few minutes probing around on the CAR board with a 'scope this morning and everything looked good during the problem.

Can someone else who has fought DDS failures tell me what I would expect to find coming out on the four coax cables with a bad chip?

I'm starting to think the problem is beyond the CAR board - maybe down in the PLL's but I don't want to just write off a common, known issue.

Zack

12474. TS450S mic gain pot.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-03 01:25:25 UTC
From: <g.skinner@...>
Topic: 12474 Message: 12474

Looking for the 10K mic gain pot, for the TS450S. I have one with a broken stem. TNX, gary n0tqq.

12475. Re: TS450S mic gain pot.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-03 03:46:01 UTC
From: Zack
Topic: 12474 Message: 12475

I have one that works but has a (slightly) bent shaft on it. I'd sell for $15 shipped (within CONUS).

--- In TS-850_450_690@yahoogroups.com, <g.skinner@...> wrote:
>
> Looking for the 10K mic gain pot, for the TS450S. I have one with a broken stem. TNX, gary n0tqq.
>

12476. RE: TS450S mic gain pot.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-03 04:25:07 UTC
From: <wirthlin@...>
Topic: 12474 Message: 12476

Gary,

I had the same problem with the mic pot. Unable to find a Kenwood replacement, I used a 10k Bourns PTD901-2015K-B103. It fits perfectly on the switcher board but the 6 mm wide shaft is a bit wide for the metal panel that the shaft would go through. The metal front plate required a little work with a drill bit. It does fit through the plastic front panel of the Kenwood without any mods. It is a bit short and your original knob will not fit on it, but it is accessible with your fingers.. .

Mouser carries them and they run $1.57 each. I hope this at least gives you an alternative if you can't get an original part.

Ralph
AJ4BI

---In TS-850_450_690@yahoogroups.com, <g.skinner@...> wrote:

Looking for the 10K mic gain pot, for the TS450S. I have one with a broken stem. TNX, gary n0tqq.

12477. DDS failure ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-03 16:33:53 UTC
From: Tom Jones N8NMA
Topic: 12477 Message: 12477

Just wondering if there is a list somewhere of the symptons of the DDS failure. The 850 I am working on has the 68312 chips on the CAR board. I have replaced all the caps. Still no receive on CW or SSB but fine on AM and FM. D31 is good and all voltages on that chip are fine. No transmit on any mode but a signal can be heard on a nearby receiver. Anyone ????

Thanks

Tom N8NMA

12478. Re: DDS failure ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-04 01:31:05 UTC
From: Zack
Topic: 12477 Message: 12478

Do you have an oscilloscope? I found a point on the bottom of the PCB that was pretty telling for mine.

I'm not sure what all of the failure modes are though - I suspect there could be multiple symptoms on any given chip.

Zack

--- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
>
> Just wondering if there is a list somewhere of the symptons of the DDS failure. The 850 I am working on has the 68312 chips on the CAR board. I have replaced all the caps. Still no receive on CW or SSB but fine on AM and FM. D31 is good and all voltages on that chip are fine. No transmit on any mode but a signal can be heard on a nearby receiver. Anyone ????
>
> Thanks
>
> Tom N8NMA
>

12479. Re: [TS-850_450_690] Re: DDS failure ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-04 01:50:46 UTC
From: Tom Jones N8NMA
Topic: 12477 Message: 12479

Well I decided to check it the old fashioned way. Took the CAR board out of my 850 and put it in my friends and sure enough that fixed his radio. Guess he will need to find a used CAR board somewhere. I have heard a rumor that the DDS chips may be manufactured again in China but don't know where I heard that or if there is any truth to that.
Tom N8NMA

On Tuesday, December 3, 2013 8:31 PM, Zack <zclobes@...> wrote:

Do you have an oscilloscope? I found a point on the bottom of the PCB that was pretty telling for mine.

I'm not sure what all of the failure modes are though - I suspect there could be multiple symptoms on any given chip.

Zack

--- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
>
> Just wondering if there is a list somewhere of the symptons of the DDS failure. The 850 I am working on has the 68312 chips on the CAR board. I have replaced all the caps. Still no receive on CW or SSB but fine on AM and FM. D31 is good and all voltages on that chip are fine. No transmit on any mode but a signal can be heard on a nearby receiver. Anyone ????
>
> Thanks
>
> Tom N8NMA
>

12480. Re: [TS-850_450_690] Re: DDS failure ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-04 04:04:38 UTC
From: John Parker
Topic: 12477 Message: 12480

Chips made in China not true!

John WH6DQU

Sent from my iPhone

> On Dec 3, 2013, at 3:50 PM, Tom Jones N8NMA <n8nma@...> wrote:
>
> Well I decided to check it the old fashioned way. Took the CAR board out of my 850 and put it in my friends and sure enough that fixed his radio. Guess he will need to find a used CAR board somewhere. I have heard a rumor that the DDS chips may be manufactured again in China but don't know where I heard that or if there is any truth to that.
> Tom N8NMA
>
>
> On Tuesday, December 3, 2013 8:31 PM, Zack <zclobes@...> wrote:
>
> Do you have an oscilloscope? I found a point on the bottom of the PCB that was pretty telling for mine.
>
> I'm not sure what all of the failure modes are though - I suspect there could be multiple symptoms on any given chip.
>
> Zack
>
> --- In TS-850_450_690@yahoogroups.com, Tom Jones N8NMA <n8nma@...> wrote:
> >
> > Just wondering if there is a list somewhere of the symptons of the DDS failure. The 850 I am working on has the 68312 chips on the CAR board. I have replaced all the caps. Still no receive on CW or SSB but fine on AM and FM. D31 is good and all voltages on that chip are fine. No transmit on any mode but a signal can be heard on a nearby receiver. Anyone ????
> >
> > Thanks
> >
> > Tom N8NMA
> >
>
>
>
>

12481. TS-450S with a transmitting issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-04 23:41:53 UTC
From: <dangit5@...>
Topic: 12481 Message: 12481

I picked up a TS-450SAT that some screwdriver wizard was trying to fix. I got it with missing SMT components, through hold components colder in place of SMT, flux everywhere ... etc.

After replacing what was missing, taking a wild guess that it was one of 3 transistors - Q50, Q52 and Q53, the autotuner came back to life, but yet I still was in transmit inhibit. I found that the SS line was low. I traced the SS line and found it was grounded somewhere. I narrowed it down to the IF unit board. I checked capacitors to see if one was shorted and found that either the jack itself or the capacitor going to ground in-between the jack and L16 was the cause. I lifted one leg of L16 and whalla, I can transmit again. I've yet fix that short.

however, a new problem has arisen since I got it to transmit.

When I key the radio, it does not go back to receive, it stay stuck in transmit. When its stuck in transmit, SS line goes back to 8V, RXD is at 0V, TXD is 8V, CSS is 0V

in receive, RXD is 8V, TXD is 0V, SS is 8V and CSS is 5V

It transmit (PTT depressed) , RXD 0V, TXD 8V, SS 0V and CSS 0V

I have also found that the radio, while in receive, the radio will go to transmit without touching a thing! It keys itself.

Now I'm getting tired of this possessed radio. I've been pounding my head on the desk for 3 nights. Can someone give me a pointer or two where to look for this issue. I look at the schematics and I'm instantly discouraged because I fix one thing and another issue pops up.

If you need more info, feel free to ask and I'll answer.

Its too nice of a radio to permanently put in TX inhibit to use as a receiver only.

Thanks

Dave / N9NLU

12482. Re: [TS-850_450_690] RE: TS450S mic gain pot.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-04 23:50:21 UTC
From: g.skinner@...
Topic: 12474 Message: 12482

TNX for the info, If I can't find one I may use your idea. TNX gary n0tqq.
----- Original Message -----
From: wirthlin@...
To: "TS-850 450 690" <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 2, 2013 10:25:07 PM GMT -06:00 US/Canada Central
Subject: [TS-850_450_690] RE: TS450S mic gain pot.

Gary,

I had the same problem with the mic pot. Unable to find a Kenwood replacement, I used a 10k Bourns PTD901-2015K-B103. It fits perfectly on the switcher board but the 6 mm wide shaft is a bit wide for the metal panel that the shaft would go through. The metal front plate required a little work with a drill bit. It does fit through the plastic front panel of the Kenwood without any mods. It is a bit short and your original knob will not fit on it, but it is accessible with your fingers.. .

Mouser carries them and they run $1.57 each. I hope this at least gives you an alternative if you can't get an original part.

Ralph

AJ4BI

---In TS-850_450_690@yahoogroups.com, <g.skinner@...> wrote:

Looking for the 10K mic gain pot, for the TS450S. I have one with a broken stem. TNX, gary n0tqq.

12483. Re: TS-450S with a transmitting issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-05 00:16:59 UTC
From: Zack
Topic: 12481 Message: 12483

On the RF board there is a transistor (Q5 I think) that is tied to the TX line that seems to be a common failure point. Your symptom doesn't sound quite right, but it would be worth a look.

Zack Clobes, W0ZC

--- In TS-850_450_690@yahoogroups.com, <dangit5@...> wrote:
>
> I picked up a TS-450SAT that some screwdriver wizard was trying to fix. I got it with missing SMT components, through hold components colder in place of SMT, flux everywhere ... etc.
>
>
> After replacing what was missing, taking a wild guess that it was one of 3 transistors - Q50, Q52 and Q53, the autotuner came back to life, but yet I still was in transmit inhibit. I found that the SS line was low. I traced the SS line and found it was grounded somewhere. I narrowed it down to the IF unit board. I checked capacitors to see if one was shorted and found that either the jack itself or the capacitor going to ground in-between the jack and L16 was the cause. I lifted one leg of L16 and whalla, I can transmit again. I've yet fix that short.
>
>
> however, a new problem has arisen since I got it to transmit.
>
>
> When I key the radio, it does not go back to receive, it stay stuck in transmit. When its stuck in transmit, SS line goes back to 8V, RXD is at 0V, TXD is 8V, CSS is 0V
>
>
> in receive, RXD is 8V, TXD is 0V, SS is 8V and CSS is 5V
>
>
> It transmit (PTT depressed) , RXD 0V, TXD 8V, SS 0V and CSS 0V
>
>
> I have also found that the radio, while in receive, the radio will go to transmit without touching a thing! It keys itself.
>
>
> Now I'm getting tired of this possessed radio. I've been pounding my head on the desk for 3 nights. Can someone give me a pointer or two where to look for this issue. I look at the schematics and I'm instantly discouraged because I fix one thing and another issue pops up.
>
>
> If you need more info, feel free to ask and I'll answer.

>
>
> Its too nice of a radio to permanently put in TX inhibit to use as a receiver only.
>
>
> Thanks
>
>
> Dave / N9NLU
>

12484. Re: [TS-850_450_690] Re: TS-450S with a transmitting issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-05 00:29:27 UTC
From: Dave Schmidt
Topic: 12481 Message: 12484

LOL... sorry for all the typos. I was in a rush and didn't proof read it before sending. Dinner will do that. :-)

On Wed, Dec 4, 2013 at 6:16 PM, Zack <zclobes@...> wrote:

>
>
> On the RF board there is a transistor (Q5 I think) that is tied to the TX
> line that seems to be a common failure point. Your symptom doesn't sound
> quite right, but it would be worth a look.
>
> Zack Clobes, W0ZC
>
>
> --- In TS-850_450_690@yahoogroups.com, <dangit5@...> wrote:
> >
> > I picked up a TS-450SAT that some screwdriver wizard was trying to fix.
> I got it with missing SMT components, through hold components colder in
> place of SMT, flux everywhere ... etc.
> >
> >
> > After replacing what was missing, taking a wild guess that it was one of
> 3 transistors - Q50, Q52 and Q53, the autotuner came back to life, but yet
> I still was in transmit inhibit. I found that the SS line was low. I traced
> the SS line and found it was grounded somewhere. I narrowed it down to the
> IF unit board. I checked capacitors to see if one was shorted and found
> that either the jack itself or the capacitor going to ground in-between the
> jack and L16 was the cause. I lifted one leg of L16 and whalla, I can
> transmit again. I've yet fix that short.
> >
> >
> > however, a new problem has arisen since I got it to transmit.
> >
> >
> > When I key the radio, it does not go back to receive, it stay stuck in
> transmit. When its stuck in transmit, SS line goes back to 8V, RXD is at
> 0V, TXD is 8V, CSS is 0V
> >
> >
> > in receive, RXD is 8V, TXD is 0V, SS is 8V and CSS is 5V
> >
> >
> > It transmit (PTT depressed) , RXD 0V, TXD 8V, SS 0V and CSS 0V
> >
> >

> > I have also found that the radio, while in receive, the radio will go to
> transmit without touching a thing! It keys itself.
> >
> >
> > Now I'm getting tired of this possessed radio. I've been pounding my
> head on the desk for 3 nights. Can someone give me a pointer or two where
> to look for this issue. I look at the schematics and I'm instantly
> discouraged because I fix one thing and another issue pops up.
> >
> >
> > If you need more info, feel free to ask and I'll answer.
> >
> >
> > Its too nice of a radio to permanently put in TX inhibit to use as a
> receiver only.
> >
> >
> > Thanks
> >
> >
> > Dave / N9NLU
> >
>
>
>

--

.ʻ¯`·.¸. ,><((((º>
><((((º>
.ʻ¯`·.¸. , . .·ʻ¯`·.. ><((((º>

12485. TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-05 17:53:51 UTC
From: <wa5tku@...>
Topic: 12485 Message: 12485

My TS-450 has developed a problem of no RX audio. The problem started showing up as no audio but if the radio was left on for sometime the audio would come on. Now the rx audio never come on. Also, the S meter would peg out max until the rx audio came back. This appears to me to be an AGC problem. I am wondering if anyone else has had similar experience and what did the find to resolve the problem. Hoping so save a lot of time search for the solution. Also the schematic in the service manual is so small it is hard to trace the AGC line.

Thanks for yo assistance.

73,
Wes
WA5TKU

12487. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-05 19:59:36 UTC
From: Dave Rust
Topic: 12485 Message: 12487

Wes I think your problem with the TS450s is a common problem. Maybe C103 off the top of my head. Take it up with Cliff at AVVID, he had commented on this on here in the past. Mine is doing the same thing. Just a matter of time until it shoots craps and had to go to Cliff. Nice radios, but they, like me, are getting old.
73 Dave W0DLR

12488. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-05 23:17:16 UTC
From: John Patrick
Topic: 12485 Message: 12488

I would say it's c103 make sure it has not leaked on the board if so it has to be cleaned very well and replaced with a new pastor but also make sure it has not gone through the holes to the other side you have to pull the whole board and clean the whole board in that area

Sent from Yahoo Mail on Android

12489. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-05 23:18:11 UTC
From: John Patrick
Topic: 12485 Message: 12489

I would say it's c103 make sure it has not leaked on the board if so it has to be cleaned very well and replaced with a new pastor but also make sure it has not gone through the holes to the other side you have to pull the whole board and clean the whole board in that area

Sent from Yahoo Mail on Android

12490. TS-450sat PLL Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-06 15:11:45 UTC
From: donn@...
Topic: 12490 Message: 12490

I seem to have been bitten by the PLL unlock bug. I am trying to determine the correct voltage @ TP3 on the PLL board. When it is in the unlocked mode I measure .7 vdc. When it kicks back in I read 3.75vdc. I read somewhere that it should be @ 5vdc. I seems to be working ok @ 3.75vdc.
tnx in advance.
73's Donn W4RAZ

Sent via my iPhone 4

12491. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-07 21:01:25 UTC
From: <wa5tku@...>
Topic: 12485 Message: 12491

Thanks for the heads up on c103. Which board is that cap on?

Wes
WA5TKU

12492. Fading audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-07 22:51:30 UTC
From: <TheBeekeeper@...>
Topic: 12492 Message: 12492

I just got a 450s from a long time friends estate. The rig worked well the first day I hooked it up to a power supply. After a couple days of being on, though, I noticed the audio steadily fading away until I could no longer hear it.

I also noticed that the S-meter stopped functioning. That is to say no signal strength is indicated on the S-meter (upper portion of the meter). Interestingly, the SWR meter (bottom meter of the two), does deflect with received audio. Is it supposed to do that??

I poked around the group files and found fading audio is a common problem with this rig. I read many references to C104 failure as being the reason for audio loss.

I'm wondering if the strange S-meter behavior is related to the same problem?

I don't have the manual for this rig. Will someone tell me the value of the cap that needs replaced?

Any other suggestions are greatly appreciated.

Sam
KB3DNZ

12493. Re: [TS-850_450_690] Fading audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-07 23:22:16 UTC
From: Dave Rust
Topic: 12492 Message: 12493

When my 450s audio began to fade away I plugged my powered computer speakers into the headphone jack and that works just fine. Give that a try.
Dave W0DLR

12494. Re: [TS-850_450_690] Re: TS-450S with a transmitting issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-08 00:22:06 UTC
From: Dave Schmidt
Topic: 12481 Message: 12494

I kicked the spook out of the radio... it was Q52 that I replaced. I must have used a wee too much heat. However, I still have the transmit locking ON after the PTT (SS line) is switched off.

I've also noticed this ... when I switch to CW mode from ssb, it switches to transmit without touching the SS/PTT or CW key.

I'm kind of thinking that IC11 might be funky --- any opinions?

On Wed, Dec 4, 2013 at 6:29 PM, Dave Schmidt <dangit5@...> wrote:

> LOL... sorry for all the typos. I was in a rush and didn't proof read it
> before sending. Dinner will do that. :-)
>
>
>
> On Wed, Dec 4, 2013 at 6:16 PM, Zack <zclobes@...> wrote:
>
>>
>>
>> On the RF board there is a transistor (Q5 I think) that is tied to the TX
>> line that seems to be a common failure point. Your symptom doesn't sound
>> quite right, but it would be worth a look.
>>
>> Zack Clobes, W0ZC
>>
>>
>> --- In TS-850_450_690@yahoogroups.com, <dangit5@...> wrote:
>> >
>> > I picked up a TS-450SAT that some screwdriver wizard was trying to fix.
>> I got it with missing SMT components, through hold components colder in
>> place of SMT, flux everywhere ... etc.
>> >
>> >
>> > After replacing what was missing, taking a wild guess that it was one
>> of 3 transistors - Q50, Q52 and Q53, the autotuner came back to life, but
>> yet I still was in transmit inhibit. I found that the SS line was low. I
>> traced the SS line and found it was grounded somewhere. I narrowed it down
>> to the IF unit board. I checked capacitors to see if one was shorted and
>> found that either the jack itself or the capacitor going to ground
>> in-between the jack and L16 was the cause. I lifted one leg of L16 and
>> whalla, I can transmit again. I've yet fix that short.
>> >
>> >
>> > however, a new problem has arisen since I got it to transmit.
>> >

>> >
>> > When I key the radio, it does not go back to receive, it stay stuck in
>> transmit. When its stuck in transmit, SS line goes back to 8V, RXD is at
>> 0V, TXD is 8V, CSS is 0V
>> >
>> >
>> > in receive, RXD is 8V, TXD is 0V, SS is 8V and CSS is 5V
>> >
>> >
>> > It transmit (PTT depressed) , RXD 0V, TXD 8V, SS 0V and CSS 0V
>> >
>> >
>> > I have also found that the radio, while in receive, the radio will go
>> to transmit without touching a thing! It keys itself.
>> >
>> >
>> > Now I'm getting tired of this possessed radio. I've been pounding my
>> head on the desk for 3 nights. Can someone give me a pointer or two where
>> to look for this issue. I look at the schematics and I'm instantly
>> discouraged because I fix one thing and another issue pops up.
>> >
>> >
>> > If you need more info, feel free to ask and I'll answer.
>> >
>> >
>> > Its too nice of a radio to permanently put in TX inhibit to use as a
>> receiver only.
>> >
>> >
>> > Thanks
>> >
>> >
>> > Dave / N9NLU
>> >
>>
>>
>>
>
>
>
> --
>
>
> .´¯`·.¸. ,><((((º>
> ><((((º>
> .´¯`·.¸. , . .·´¯`·.. ><((((º>
>

--

.´¯`·.¸. ,><((((º>
><((((º>
.´¯`·.¸. , . .·´¯`·.. ><((((º>

12495. RE: Fading audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-08 01:48:21 UTC
From: <myyahoo@...>
Topic: 12492 Message: 12495

The capacitor that causes this is in series with the audtio power amplifier where it couples to the speaker (a friend is sending me his rig for repair, so I haven't seen it 'live' yet myself). Looking at the schematic (the manuals are in the files section of this group), the voltage of the capacitor is underrated. I will be replacing it with a 25 volt cap, to help prevent this from happening again.

This isn't the first time I've had this issue with Kenwood rigs, the TM742 has a couple of underrated caps too. I like my Kenwood rigs, but these penny-wise/pound-foolish design decisions are not my favourite Kenwood feature! :(

12496. Re: [TS-850_450_690] RE: Fading audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-08 17:55:37 UTC
From: Max Cotton
Topic: 12492 Message: 12496

I have a TS-570D that is doing this too, maybe this is the wrong group but someone may be able to help, basically it is fine for around 10-15 minutes then gradually fades down and becomes considerably less sensitive.
73 Max
M0GHQ

12497. Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 01:25:37 UTC
From: <n5tog@...>
Topic: 12497 Message: 12497

I have a early ts 850 that I replaced the audio caps and the caps on the carrier board a year ago worked fine till I turned it on the other day and every thing on the display lights up.So I have checked the carrier board again and have checked the 2 boards behind the front panel and theres no leaking, that I can see with out pulling them, Does any one have any thoughs on this or maybe a certain cap or caps I need to pull to check good enough. Thanks James n5tog Mccomb ms.

12498. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 13:27:35 UTC
From: John tf
Topic: 12497 Message: 12498

Lets see ?
The tread title " Images are not displayed " the use of the term images is misplaced , its not a video display .
Then you say in the text " everything on the display lights up " ?
So its difficult to know what the problem is to help ?
John
KD0CAC

On Mon, Dec 9, 2013 at 7:25 PM, <n5tog@bellsouth.net> wrote:

>
>
> I have a early ts 850 that I replaced the audio caps and the caps on the
> carrier board a year ago worked fine till I turned it on the other day
> and every thing on the display lights up.So I have checked the carrier
> board again and have checked the 2 boards behind the front panel and
> theres no leaking, that I can see with out pulling them, Does any one
> have any thoughs on this or maybe a certain cap or caps I need to pull
> to check good enough. Thanks James n5tog Mccomb ms.
>
>
>

12499. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 13:57:33 UTC
From: james
Topic: 12497 Message: 12499

Ok I will try to explain better. The display seems to be a little dimmer than it should be, but all the information is lit up like u turned it on all at once, such as aip rit notch etc... The whole display is lit up. Thanks James n5tog Mccomb ms.

12500. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 14:00:46 UTC
From: Zack Widup
Topic: 12497 Message: 12500

I'm guessing that means literally that EVERYTHING lights up. Not just
the parts of the display that show the numbers you want, but every
display segment that exists lights up all at once.

73, Zack W9SZ

On 12/10/13, John tf <john.faughn@...> wrote:
> Lets see ?
> The tread title " Images are not displayed " the use of the term images is
> misplaced , its not a video display .
> Then you say in the text " everything on the display lights up " ?
> So its difficult to know what the problem is to help ?
> John
> KD0CAC
>
>
> On Mon, Dec 9, 2013 at 7:25 PM, <n5tog@...> wrote:
>
>>
>>
>> I have a early ts 850 that I replaced the audio caps and the caps on
>> the
>> carrier board a year ago worked fine till I turned it on the other day
>> and every thing on the display lights up.So I have checked the carrier
>> board again and have checked the 2 boards behind the front panel and
>> theres no leaking, that I can see with out pulling them, Does any one
>> have any thoughs on this or maybe a certain cap or caps I need to pull
>> to check good enough. Thanks James n5tog Mccomb ms.
>>
>>
>>
>

12501. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 14:56:33 UTC
From: james
Topic: 12497 Message: 12501

Yes all segments are lit up. James n5tog

12502. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 14:24:06 UTC
From: Dave VanDenburg
Topic: 12497 Message: 12502

Hi James

A friend of mine has an 850 with the same problem. All segments of the LCD frequency readout are lit, as are all the indicator lights. The problem appeared several days ago, but at first it only happened after he keyed the transmitter. Now, when he turns on the rig, all the indicator lights come on. He says that the LCD segments on the frequency display flicker when he rotates the frequency control knob, but they all remain on. All other functions of the rig appear to work normally.

I will be following this thread in hope that someone has had a similar problem and has a solution, although I suspect that the Readout board will have to be replaced.

Good luck.

Dave

From: "n5tog@..." <n5tog@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 9, 2013 8:25 PM
Subject: [TS-850_450_690] Ts 850 display prob....

I have a early ts 850 that I replaced the audio caps and the caps on the carrier board a year ago worked fine till I turned it on the other day and every thing on the display lights up.So I have checked the carrier board again and have checked the 2 boards behind the front panel and theres no leaking, that I can see with out pulling them, Does any one have any thoughs on this or maybe a certain cap or caps I need to pull to check good enough.   Thanks James n5tog Mccomb ms.

12503. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 15:09:06 UTC
From: michael
Topic: 12497 Message: 12503

Hey James,
Sounds like you have the 'Test' mode on ?
2) Setting for adjustment mode

Turning on while pressing the F.LOCK key enters the menu mode under the
adjustment mode.
turn m.ch/vfo.ch to number 7....does it look like this?
Mike

On Tue, 12/10/13, james <n5tog@...> wrote:

Subject: Re: [TS-850_450_690] Ts 850 display prob....
To: TS-850_450_690@yahoogroups.com
Date: Tuesday, December 10, 2013, 9:56 AM

Yes all segments are lit up. James
n5tog

12504. Re: [TS-850_450_690] Ts 850 display prob....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-10 19:16:48 UTC
From: james
Topic: 12497 Message: 12504

I have reset all the ribbon cables and connectors to make sure they are clean, I do have proper voltage to the radio,I can not tell if I get into that menu for checking the test mode or not the display does not change enough to tell me if I am in the menu to check it . James n5tog

12505. Re: [TS-850_450_690] Best replacement for 2SC2509?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-12 01:17:07 UTC
From: <aa5te.kb5ehr@...>
Topic: 12462 Message: 12505

Thanks, Zack! Any circuit modifications required for the 1945?

12506. Re: [TS-850_450_690] Ts 850 display prob.... (FIXED)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-15 00:12:32 UTC
From: james
Topic: 12506 Message: 12506

Hello thanks to all who replyed, I did get this fixed. Run a google search on dl0ar and I think 4 down u will find (problems with the display at my ts 850) this ham has got pic`s of the display and the fix, I did check this and it did fix my 850 Hope some one else can use this info Thanks to all James n5tog

12507. Re: Ts 850 display prob.... (FIXED)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-15 10:03:42 UTC
From: C&SM
Topic: 12506 Message: 12507

Hello everyone,

This is the link to the pdf file.
It took a little while to find on the site.

http://www.dl0ar.de/Problems_with_the_display_at_my_TS_850.pdf

best 73 and a happy christmas to all.

Craig
VK6HX

12508. Re: [TS-850_450_690] Best replacement for 2SC2509?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-15 18:49:05 UTC
From: <aa5te.kb5ehr@...>
Topic: 12462 Message: 12508

Well, crap. I dropped the 1945's in, buttoned it all back up, turned it on and let it warm up, cranked the power to zero, then hit tune into a dummy load… and immediate and loud POP! The magic smoke came out this time. Opened it up, and both of the 1945's are shot, with one of them being actually cracked in half. I checked things over last time and didn't find any other bad parts on the PA (or so it seemed). I'm guessing that something else deteriorated in the 2 years that I had it apart sitting in a box. Why? Because I'm a procrastinator. I'm pulling it apart now, but I'm not sure when I'll have a chance to check/desolder parts to troubleshoot further.

Any thoughts/suggestions?

12509. Re: [TS-850_450_690] Best replacement for 2SC2509?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-15 19:01:04 UTC
From: <aa5te.kb5ehr@...>
Topic: 12462 Message: 12509

It looks like R6/R7 have taken quite a bit of heat. I can't even see the color codes on them now.

12510. Re: [TS-850_450_690] Best replacement for 2SC2509?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-18 02:03:37 UTC
From: <aa5te.kb5ehr@...>
Topic: 12462 Message: 12510

R6 and R7 are still fine; roughly 18 ohms each. I also pulled Q1 and Q6 and they both checked out fine.

12511. TS850SAT cap rep followed by startup problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-18 19:23:07 UTC
From: <dcharing@...>
Topic: 12511 Message: 12511

I opened up the 850 to change the battery. Found a good battery, and leaking caps on the CAR board.

Are tantalum (polarized; tear-drop) caps of higher voltage rating an ok substitute for the SM electrolytics on the CAR board?

I've done that, and checked circuit traces. And replaced the 3 cans on the display board and C182/187 at the edge of the IF board on the bottom of the rig since they seem to be problematic also.

At power-up, in CW, VOX off, I immediately had tone without having keyed anything; keyer jack empty. With VOX on, it tries to transmit but low power and tuner can't find a match.

When powered up, switching to LSB or USB cuts off the tone. BUT transmits and receives in sideband without letting out any smoke. Tuner hunts but doesn't find a happy place (used to work fine; antenna is an easy match).

I suspect I have a shorted transistor behind the CW switch that doesn't let the radio go to RX... but that doesn't explain the sidetone without anything keyed. And I don't yet have a clue about the tuner.

Any help would be appreciated! I have greater expectations of the group knowledge than my schematic reading and troubleshooting ability... thanks, KK4XX

12512. RE: [TS-850_450_690] TS850SAT cap rep followed by startup problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-18 22:36:14 UTC
From: Tom Bilelllo
Topic: 12511 Message: 12512

If I remember correctly, there is quite a bit of difference between Tantalum and Electrolytic caps. If you have a 200µF cap you would need to replace it with a 20µF Tant. I would recap with the proper Electrolytic caps of the proper rating and voltage rating. Tantalum caps will fail ugly and the electrolytic in them is very corrosive.

Tom "Wolfie" Bilello, NW0LF

VE Liaison, DBARA

home-386-423-3277

cell-386-690-9412

www.DBARA.org

NO-VEC

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of dcharing@...
Sent: Wednesday, December 18, 2013 14:23
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850SAT cap rep followed by startup problems

I opened up the 850 to change the battery. Found a good battery, and leaking caps on the CAR board.

Are tantalum (polarized; tear-drop) caps of higher voltage rating an ok substitute for the SM electrolytics on the CAR board?

I've done that, and checked circuit traces. And replaced the 3 cans on the display board and C182/187 at the edge of the IF board on the bottom of the rig since they seem to be problematic also.

At power-up, in CW, VOX off, I immediately had tone without having keyed anything; keyer jack empty. With VOX on, it tries to transmit but low power and tuner can't find a match.

When powered up, switching to LSB or USB cuts off the tone. BUT transmits and receives in sideband without letting out any smoke. Tuner hunts but doesn't find a happy place (used to work fine; antenna is an easy match).

I suspect I have a shorted transistor behind the CW switch that doesn't let the radio go to RX... but that doesn't explain the sidetone without anything keyed. And I don't yet have a clue about the tuner.

Any help would be appreciated! I have greater expectations of the group knowledge than my schematic reading and troubleshooting ability... thanks, KK4XX

[Non-text portions of this message have been removed]

12513. RE: [TS-850_450_690] TS850SAT cap rep followed by startup problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-20 16:12:00 UTC
From: <myyahoo@...>
Topic: 12511 Message: 12513

Tantalum tag (teardrop) capacitors are only really safe as timing caps. They have a horrible tendency to explode when used for power filtering. I stopped using them on power rails more than three decades ago, and I've replaced dozens of them that have exploded in many pieces of gear over the years. When they don't explode, they turn into dark cinders.

The capacitance is equivalent, but the ability to handle spikes of inrush current is not.

Beware when replacing electrolytic capacitors in Kenwood radios - I've found underrated caps used in the original designs of at least two Kenwoods so far (the audio output cap on the TS850 included) and always make sure that I put in caps that have a rating at least 30-50% higher than the highest expected voltage across the cap.

I really like my Kenwood radios, but there are some Kenwood engineers that need some reeducation - saving a few pennies using an underrated cap is "penny wise, pound foolish".

- Richard, VE7CVS

12514. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-20 18:54:44 UTC
From: <wa5tku@...>
Topic: 12485 Message: 12514

OK got the radio fixed. I found C104, 470uf 10v, cap had blown up. C104 is in series with the speaker at the output of the audio amplifier. The guts of C104 had eaten the AGC signal etch the runs near by. I paced the AGC etch with a short piece of 30awg wire and replaced C104 with a higher voltage rated part. Radio seems to be working fine now.

73,

Wes
WA5TKU

12515. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-20 19:58:20 UTC
From: Dave Rust
Topic: 12485 Message: 12515

Wes I think I am looking at the same thing with my 450s. The speaker is down to very little audio output, but the audio at the headphone jack seems normal. Got to get into it.
73 Dave W0DLR

12516. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-21 14:26:10 UTC
From: <wa5tku@...>
Topic: 12485 Message: 12516

Dave,

Let me encourage you to replace C104 on the IF board. It is in series with the audio output. Don't let it outgas if it has not already. Leaving the crud from the old cap can damage the thin circuit etch on the board. This what caused the AGC circuit etch to open. The IF board is easy accessed by pulling off the bottom cover. I did have to lift the board up to unsolder the bad part an install the new one. I found I could remove the 2 flex strip cables and lift the board up for access after removing screws holding the board to the chassis. As recommended by others on the group I went to a higher voltage rated part than the 10 volt cap original.

Merry Christmas and Happy New Year!!

73,

Wes
WA5TKU

12517. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-21 17:23:55 UTC
From: Dave Rust
Topic: 12485 Message: 12517

Wes I think I looked at that board one time and saw the two din plug cnnections in the back and got cold feet. How do you handle them without having problems. Does that whole assembly come out with the board, plug and all.
Dave W0DLR

12518. Re: [TS-850_450_690] TS-450 RX Audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-21 23:18:15 UTC
From: <wa5tku@...>
Topic: 12485 Message: 12518

Dave,

With the screws removed and the 2 ribbon cable disconnected you can slide the board back into the radio. At the same time lift the end of the board opposite the DIN connector. the board will slide enough that the connector will clear the chassis.

Wes
WA5TKU

12519. Re: [TS-850_450_690] Ts 850 display prob.... (FIXED)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-22 06:40:05 UTC
From: <ckepus@...>
Topic: 12506 Message: 12519

James, what exactly did you do to fix your display board? I found that the description of the fix (dl0ar site) was too ambiguous to be of any help.
thanks,
Chris
W7JPG

12520. Re: [TS-850_450_690] Ts 850 display prob.... (FIXED)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-23 00:59:26 UTC
From: <fransuti@...>
Topic: 12506 Message: 12520

Hi there im having a very similar problem with my 450, mi display is not so bright and if you look at it sideways you could see it perfect, any hint where I should look and thanks to all... Merry Christmas!

12521. Greetings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-25 12:51:39 UTC
From: Paul Spiteri
Topic: 12521 Message: 12521

Wishing you and all your family a Happy Christmas full of Joy, Health and Happiness.

From
9H1SP
Paul & Family
HF Manager
MARL - IARU

12522. Greetings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-25 12:58:41 UTC
From: Paul Spiteri
Topic: 12521 Message: 12522

Wishing you and all your family a Happy Christmas full of Joy, Health and Happiness.

From
9H1SP
Paul & Family
HF Manager
MARL - IARU

[Non-text portions of this message have been removed]

12523. RE: Greetings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-26 19:06:13 UTC
From: <ckepus@...>
Topic: 12521 Message: 12523

Paul,

Thank you for your kind greetings.

Here's hoping you, your family, and all of our families have a healthy, prosperous, and peaceful 2014, not to mention a powerful and extended burst in sunspots in 2014 from sunspot cycle 24!
73 and good DX,
Chris
W7JPG

12524. Re: [TS-850_450_690] Greetings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-27 14:07:07 UTC
From: Kurt Cathcart. KR2C
Topic: 12521 Message: 12524

Wishing you and all your family a Happy Kwanza and a Happy New Year.
May your family be blessed

12525. Re: [TS-850_450_690] Greetings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-27 20:40:22 UTC
From: Tom Osborne
Topic: 12521 Message: 12525

>Wishing you and all your family a Happy Kwanza and a Happy New Year. May
>your family >be blessed

And a Happy Festivus and Pepper Pot day to you all. 73
Tom W7WHY

12526. adjustment of carrier point

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2013-12-30 04:53:51 UTC
From: <ve5ss@...>
Topic: 12526 Message: 12526

On page 44 of the service manual, items number 11 and 12 give a -40 t0+40 range with a default of 0. My 450 is set at LSB -5 and USB -20. I winder what I will accomplish to change the values??

I also seem to have a problem with ALC as the output varies and is not steady. After leaving the set on for a long time the ALC seems to settle down and I can tune my amp but do not get full output. I believe the ALC is folding back the output and only allowing about 50 watts out.
Does anyone have a suggestion for proper settings for the carrier point and has anyone ever done the changes suggested on the ALC board

12527. No TX on 24 & 28mhz TS-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-04 18:44:00 UTC
From: <isabelle.fourias@...>
Topic: 12527 Message: 12527

Hi all,

From times to times my trx doesn't TX above 21.500mhz. (24 & 28mhz)
There is nothing on the smeter, alc, swr meter, ... when the ptt is switched on.
The same problem on the all modes (am, frm, ssb,cw)
Just one thing, in fm the power supply debit the maximum current (30Amp). Also in cw, when the key is on or if I whistle in the mic in ssb. But no trace on the meter
Something seems to be grounded somewhere.

The reception is good on all bands
All the others bands are ok (TX & RX) (3.5 7 14 & 21) pwr output about 100w

What do I need to check ?

73s & HNY, Mark

12528. Re: [TS-850_450_690] Re: TS 450 S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-10 08:46:32 UTC
From: <fungkh2004@...>
Topic: 12382 Message: 12528

Dear Hafizi,
Do you still need the TS450SAT display unit?

12529. Re: [TS-850_450_690] Re: TS 450 S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-15 01:07:20 UTC
From: <fransuti@...>
Topic: 12382 Message: 12529

How much for the display is it in good condition?

12530. Advice on getting started with digital modes.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-20 14:19:01 UTC
From: <alannyc1981x2@...>
Topic: 12530 Message: 12530

So I'm and old time CW straight key operator. I want to get involved in some of the newer digital modes. Looked at TigerTronics, RigBlaster and others. Some have a CW keying circuit some don't.

Using TS-450S and Windows XP or 8.1 (depending on computer I use).

So please give me some suggestions on interface(s) and which (simple) software to use. Personal experience would be helpful in the discussion.

THANKS!
Alan, NY2G

12531. DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-25 14:28:44 UTC
From: <kkyahoo@...>
Topic: 12531 Message: 12531

Hi,

My DSP-100 which is connected to my 850 has a problem. The hf filter control does not function, whereas the lf control does work as do the rx and tx buttons.
The knob and wiring to it is ok. I am not sure what is causing the problem, the control used to work by the way.

73

Kevin

12532. Re: [TS-850_450_690] DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-25 18:04:01 UTC
From: ik8vze
Topic: 12531 Message: 12532

checked on the back of dsp 100 all DIP must be on, to turn in the transmission dip 3 must be on of? Have you checked the setting of 12k ts 850 filters and switching the rx button? Note any changes to ear filters? for the rest you can see on the service manual, you will find on the internet, well that last tip controls the audio cables have been put right between TS-850 and DSP 100 can sometimes be placed incorrectly
73 bye de ik8vze&ac2lc espedito

----- Original Message -----
From: kkyahoo@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 3:28 PM
Subject: [TS-850_450_690] DSP-100 problem

Hi,

My DSP-100 which is connected to my 850 has a problem. The hf filter control does not function, whereas the lf control does work as do the rx and tx buttons.
The knob and wiring to it is ok. I am not sure what is causing the problem, the control used to work by the way.

73

Kevin

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12533. Re: [TS-850_450_690] DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-25 18:39:55 UTC
From: kkyahoo
Topic: 12531 Message: 12533

Hi, all switches are on. I used just the 12k filter in the 455k IF, straight through on 8.83M. LF control works fine HF does not. Also switch 1 makes no difference to the sound... it used too. Cables all ok. Rx switch works as does the tx switch.

73 Kevin
----- Original Message -----
From: ik8vze
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 6:04 PM
Subject: Re: [TS-850_450_690] DSP-100 problem

☐

checked on the back of dsp 100 all DIP must be on, to turn in the transmission dip 3 must be on of? Have you checked the setting of 12k ts 850 filters and switching the rx button? Note any changes to ear filters? for the rest you can see on the service manual, you will find on the internet, well that last tip controls the audio cables have been put right between TS-850 and DSP 100 can sometimes be placed incorrectly
73 bye de ik8vze&ac2lc espedito

----- Original Message -----
From: kkyahoo@...
To: TS-850_450_690@yahoogroups..com
Sent: Saturday, January 25, 2014 3:28 PM
Subject: [TS-850_450_690] DSP-100 problem

Hi,

My DSP-100 which is connected to my 850 has a problem. The hf filter control does not function, whereas the lf control does work as do the rx and tx buttons.
The knob and wiring to it is ok. I am not sure what is causing the problem, the control used to work by the way.

73

Kevin

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

12534. Re: [TS-850_450_690] DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-25 20:53:50 UTC
From: ik8vze
Topic: 12531 Message: 12534

if all settings are correct, then you need to open it to see what can be broken, inside there are many smd capacitor easy inspection if they are at a loss, better take it to a good referral laboratory

----- Original Message -----
From: kkyahoo@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 3:28 PM
Subject: [TS-850_450_690] DSP-100 problem

Hi,

My DSP-100 which is connected to my 850 has a problem. The hf filter control does not function, whereas the lf control does work as do the rx and tx buttons.
The knob and wiring to it is ok. I am not sure what is causing the problem, the control used to work by the way.

73

Kevin

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12535. Re: [TS-850_450_690] DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-26 14:20:45 UTC
From: Joop!
Topic: 12531 Message: 12535

kkyahoo schreef op 25-1-2014 19:39:
>
> ?
>
> Hi, all switches are on. I used just the 12k filter in the 455k IF,
> straight through on 8.83M. LF control works fine HF does not. Also
> switch 1 makes no difference to the sound... it used too. Cables all
> ok. Rx switch works as does the tx switch.
> 73 Kevin
>
> ----- Original Message -----
> *From:* ik8vze <mailto:ik8vze@...>
> *To:* TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>
> *Sent:* Saturday, January 25, 2014 6:04 PM
> *Subject:* Re: [TS-850_450_690] DSP-100 problem
>
> ?
>
> checked on the back of dsp 100 all DIP must be on, to turn in the
> transmission dip 3 must be on of? Have you checked the setting of
> 12k ts 850 filters and switching the rx button? Note any changes
> to ear filters? for the rest you can see on the service manual,
> you will find on the internet, well that last tip controls the
> audio cables have been put right between TS-850 and DSP 100 can
> sometimes be placed incorrectly
> 73 bye de ik8vze&ac2lc espedito
>
> ----- Original Message -----
> *From:* kkyahoo@... <mailto:kkyahoo@...>
> *To:* TS-850_450_690@yahoogroups..com
> <mailto:TS-850_450_690@yahoogroups.com>
> *Sent:* Saturday, January 25, 2014 3:28 PM
> *Subject:* [TS-850_450_690] DSP-100 problem
>
> Hi,
>
> My DSP-100 which is connected to my 850 has a problem. The hf
> filter control does not function, whereas the lf control does
> work as do the rx and tx buttons.
> The knob and wiring to it is ok. I am not sure what is causing
> the problem, the control used to work by the way.
>
> 73
>

> Kevin
>
>
>
> ---
> <http://www.avast.com/>
>
> Questa e-mail ? priva di virus e malware perch? ? attiva la
> protezione avast! Antivirus <http://www.avast.com/> .
>
>
>
Check the terminals on the print, 99% chance there is a bad joint
between one of the terminals and the print.
First I had broken contacts in the plug (of course that on with the 13
pins).
Later, after some time of testing, I noticed a vy thin line in the
solderjoint of the chassis part and the print...

Mostly caused by pressing the unit too firmly backwards against
something to line-up the frontpanel with the rig.

73 and succes, Joop / PD2JAM

12536. Re: [TS-850_450_690] DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-26 16:27:34 UTC
From: kkyahoo
Topic: 12531 Message: 12536

I resolved the problem with the DSP-100 and my 850. It turns out that the high pass filter knob does not work when the processor button is pressed in. Not sure why this is the case!

Any ideas? The handbook does mention the hpf does not function when the processor is on, but not sure why this would be the case in receive?

73

Kevin
----- Original Message -----
From: kkyahoo
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 6:39 PM
Subject: Re: [TS-850_450_690] DSP-100 problem

☐

Hi, all switches are on. I used just the 12k filter in the 455k IF, straight through on 8.83M. LF control works fine HF does not. Also switch 1 makes no difference to the sound... it used too. Cables all ok. Rx switch works as does the tx switch.

73 Kevin
----- Original Message -----
From: ik8vze
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 6:04 PM
Subject: Re: [TS-850_450_690] DSP-100 problem

☐

checked on the back of dsp 100 all DIP must be on, to turn in the transmission dip 3 must be on of? Have you checked the setting of 12k ts 850 filters and switching the rx button? Note any changes to ear filters? for the rest you can see on the service manual, you will find on the internet, well that last tip controls the audio cables have been put right between TS-850 and DSP 100 can sometimes be placed incorrectly
73 bye de ik8vze&ac2lc espedito

----- Original Message -----
From: kkyahoo@...
To: TS-850_450_690@yahoogroups..com
Sent: Saturday, January 25, 2014 3:28 PM
Subject: [TS-850_450_690] DSP-100 problem

Hi,

My DSP-100 which is connected to my 850 has a problem. The hf filter control does not function, whereas the lf control does work as do the rx and tx buttons.
The knob and wiring to it is ok. I am not sure what is causing the problem, the control

used to work by the way.

73

Kevin

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

12537. Re: [TS-850_450_690] DSP-100 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-26 17:39:09 UTC
From: ik8vze
Topic: 12531 Message: 12537

hi,may have been set to the TS 850 in the submenus to the contrary? You can reset a = b power button, or find in the service manual ts 850 sub menu which will list (better to see the service manual):
turning on while pressing F.LOCK key, menu number 05-06 forced on / off for receiving dsp carrier).pag 35 manual service kenwood ts 850
73 de ik8vze & ac2lc espedito

----- Original Message -----
From: kkyahoo
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, January 26, 2014 5:27 PM
Subject: Re: [TS-850_450_690] DSP-100 problem

☐

I resolved the problem with the DSP-100 and my 850. It turns out that the high pass filter knob does not work when the processor button is pressed in. Not sure why this is the case!

Any ideas? The handbook does mention the hpf does not function when the processor is on, but not sure why this would be the case in receive?

73

Kevin
----- Original Message -----
From: kkyahoo
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 6:39 PM
Subject: Re: [TS-850_450_690] DSP-100 problem

☐

Hi, all switches are on. I used just the 12k filter in the 455k IF, straight through on 8.83M. LF control works fine HF does not. Also switch 1 makes no difference to the sound... it used too. Cables all ok. Rx switch works as does the tx switch.

73 Kevin
----- Original Message -----
From: ik8vze
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 25, 2014 6:04 PM
Subject: Re: [TS-850_450_690] DSP-100 problem

☐

checked on the back of dsp 100 all DIP must be on, to turn in the transmission dip 3 must be on of? Have you checked the setting of 12k ts 850 filters and switching the rx button? Note any changes to ear filters? for the rest you can see on the service manual, you will

find on the internet, well that last tip controls the audio cables have been put right between TS-850 and DSP 100 can sometimes be placed incorrectly
73 bye de ik8vze&ac2lc espedito

----- Original Message -----
From: kkyahoo@...
To: TS-850_450_690@yahoogroups..com
Sent: Saturday, January 25, 2014 3:28 PM
Subject: [TS-850_450_690] DSP-100 problem

Hi,

My DSP-100 which is connected to my 850 has a problem. The hf filter control does not function, whereas the lf control does work as do the rx and tx buttons.
The knob and wiring to it is ok. I am not sure what is causing the problem, the control used to work by the way.

73

Kevin

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12538. surge absorber...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-27 22:18:48 UTC
From: <elvisplumber@...>
Topic: 12538 Message: 12538

howdy all,
im repairing a basketcase ts450sat..no rx which ive traced to three bad caps.my question is..the surge absorber in the radio is slightly dusky smokey looking.does this need to be replaced also?its very light in discoloration..thanks for any and all help in advance.

Terry KB8BQE

12539. Re: [TS-850_450_690] surge absorber...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-28 00:24:44 UTC
From: Dave Rust
Topic: 12538 Message: 12539

Terry, I can't speak about all the questions you asked, however, last week I replaced C104. My 450s had gotten down to a very weak audio output. I still had headphone audio, but no speaker. Replaced C104 and cleaned the board, and it came back to life like new.

Good luck, let us know how it works out for you. I love the old 450s radios.
W0DLR 73

12540. TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-31 01:32:41 UTC
From: <KA3QLF@...>
Topic: 12540 Message: 12540

Hello Folks, thank you for allowing me to participate with this group. I am "2nd" owner of a TS450SAT s/n 604000xxx original owner was my father, NX3Y. The rig, has served very very well, I have used it at home, portable, mobile, field day, virtually every possible ham radio circumstance. I would guesstimate, in the 20+ years in the family, it has been a part of 300k qso or more.

A few weeks ago, I was participating in one of the CW contests. I was put on the dx cluster as having clicks and chirps. a local radio buddy texted me via cell phone and emailed me audio. a definitive chirp. off the air I went, and immediately began troubleshooting and asking elmers a possible cause or route of troubleshooting. A more trusted one indicated it could be just as simple as frame grounding. so I ran a new #6 ground, from the rig to the black gas pipe, which is also tied to a ground rod driven outside. Tested it with a few stations, all reported no chirp, good clean CW.

3 days ago, while playing with the SKCC folks, and their K3Y anniversary event, I get a message that my cw audio is very chirpy. I check all ground connections, all are still intact. tested with another station, get a good clean CW signal report. now I am a lil baffled.

Today, while in qso, I was asked what model heathkit I was running, due to the chirp with the CW tone. in addition to that, I get a oo postcard in the mail, indicating a CW chirp. After Kenwood tech support tells me, if the factory reset doesn't fix it, I need to send it in for repair, I am consulting the experts, the folks on this reflector. I imagine some of you have run across this before. Please, any opinions, tips, tricks, are useful. Thank you for your time, and I apologize for the long read. best 73 Scott, KA3QLF

12541. Re: [TS-850_450_690] TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-31 03:51:24 UTC
From: Tom Osborne
Topic: 12540 Message: 12541

Hi Scott

I have a couple of TS-450's here and if I let the supply voltage get too low, they chirp. I have a couple of power supplies that have an adjustment knob, and a few times it has gotten bumped and turned the voltage down.

The TS-450's like a power supply that delivers around 13.5 volts or so. If mine gets down to 12 volts, it will start chirping. 73
Tom W7WHY

> Hello Folks, thank you for allowing me to participate with this group. I
> am "2nd" owner of a TS450SAT s/n 604000xxx original owner was my father,
> NX3Y. The rig, has served very very well, I have used it at home,
> portable, mobile, field day, virtually every possible ham radio
> circumstance. I would guesstimate, in the 20+ years in the family, it
> has been a part of 300k qso or more.
>
>
> A few weeks ago, I was participating in one of the CW contests. I was
> put on the dx cluster as having clicks and chirps. a local radio buddy
> texted me via cell phone and emailed me audio. a definitive chirp. off
> the air I went, and immediately began troubleshooting and asking elmers
> a possible cause or route of troubleshooting. A more trusted one
> indicated it could be just as simple as frame grounding. so I ran a new
> #6 ground, from the rig to the black gas pipe, which is also tied to a
> ground rod driven outside. Tested it with a few station s, all reported
> no chirp, good clean CW.
>
> 3 days ago, while playing with the SKCC folks, and their K3Y anniversary
> event, I get a message that my cw audio is very chirpy. I check all
> ground connections, all are still intact. tested with another station,
> get a good clean CW signal report. now I am a lil baffled.
>
> Today, while in qso, I was asked what model heathkit I was running, due
> to the chirp with the CW tone. in addition to that, I get a oo postcard
> in the mail, indicating a CW chirp. After Kenwood tech support tells me,
> if the factory reset doesn't fix it, I need to send it in for repair, I
> am consulting the experts, the folks on this reflector. I imagine some
> of you have run across this before. Please, any opinions, tips, tricks,
> are useful. Thank you for your time, and I apologize for the long read.
> best 73 Scott, KA3QLF
>
>
>

12542. Re: [TS-850_450_690] TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-31 16:20:01 UTC
From: Bob Naylor
Topic: 12540 Message: 12542

Tom, I agree with you. I have also witnessed chirps etc with different rigs in the past due to power supply/low voltage etc. Scott, check the power supply for voltage and ripple under full load.
Bob WE6C

From: Tom Osborne <w7why@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 30, 2014 7:51 PM
Subject: Re: [TS-850_450_690] TS450Sat CW Chirp

Hi Scott

I have a couple of TS-450's here and if I let the supply voltage get too low, they chirp. I have a couple of power supplies that have an adjustment knob, and a few times it has gotten bumped and turned the voltage down.

The TS-450's like a power supply that delivers around 13.5 volts or so. If mine gets down to 12 volts, it will start chirping. 73
Tom W7WHY

> Hello Folks, thank you for allowing me to participate with this group. I
> am "2nd" owner of a TS450SAT s/n 604000xxx original owner was my father,
> NX3Y. The rig, has served very very well, I have used it at home,
> portable, mobile, field day, virtually every possible ham radio
> circumstance. I would guesstimate, in the 20+ years in the family, it
> has been a part of 300k qso or more.
>
>
> A few weeks ago, I was participating in one of the CW contests. I was
> put on the dx cluster as having clicks and chirps. a local radio buddy
> texted me via cell phone and emailed me audio. a definitive chirp. off
> the air I went, and immediately began troubleshooting and asking elmers
> a possible cause or route of troubleshooting. A more trusted one
> indicated it could be just as simple as frame grounding. so I ran a new
> #6 ground, from the rig to the black gas pipe, which is also tied to a
> ground rod driven outside. Tested it with a few station s, all reported
> no chirp, good clean CW.
>
> 3 days ago, while playing with the SKCC folks, and their K3Y anniversary
> event, I get a message that my cw audio is very chirpy. I check all
> ground connections, all are still intact. tested with another station,
> get a good clean CW signal report. now I am a lil baffled.
>
> Today, while in qso, I was asked what model heathkit I was running, due

> to the chirp with the CW tone. in addition to that, I get a oo postcard
> in the mail, indicating a CW chirp. After Kenwood tech support tells me,
> if the factory reset doesn't fix it, I need to send it in for repair, I
> am consulting the experts, the folks on this reflector. I imagine some
> of you have run across this before. Please, any opinions, tips, tricks,
> are useful. Thank you for your time, and I apologize for the long read.
> best 73 Scott, KA3QLF
>
>
>

12543. Re: [TS-850_450_690] TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-31 13:01:39 UTC
From: <RockGOP@...>
Topic: 12540 Message: 12543

You might want to change your grounding situation. A black gas pipe?

Paul
VE3EEI and fellow TS-450S/AT owner

12544. Re: TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-31 10:00:21 UTC
From: YAMAHAXS650H@...
Topic: 12540 Message: 12544

Just an opinion. Not giving any legal or engineering advice.

Forgetaboutit the chirp worry about the BOOM! You mention your GROUND is connected to a GAS PIPE.

By all that's holy and the National Electric Code NFPA Article 70 ANY electrical ground to a gas pipe is totally illegal!!!!!!!!!!!!

Besides possibly blowing up yourself and your neighbors, many times a gas main has a insulating sleeve to separate the inside line from the outside line, preventing a continuous ground.

GET YOUR ELECTRICAL GROUND OFF THE GAS PIPE!

Monitor your power supply voltage at the input to your rig. If it is too low or unclean that may be a cause of your problem. (IF you are still alive!)

Following the National Electric Code NFPA Article 70, local codes, and read any book on amateur radio that explains about grounding your rig and/or antenna system.

12545. Re: TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-01-31 19:38:48 UTC
From: <KA3QLF@...>
Topic: 12540 Message: 12545

wow talk about scary. ok todays updates:

Ground bond removed from gaspipe. and re run. additional research revealed that technically the water heater hot and cold pipes should be bonded, so took care of that as I re-ran the rig ground wire.

I am using an Astron rs35M power supply. following many others advice, I checked voltage at the studs, 13.8Vdc and under 100W CW key down, it dropped to 13.72vdc

Voltage at the rig revealed same numbers.

unfortunately I do not have a scope so I cannot say how clean it is.

Thanks all for all the input thus far, fingers crossed as I prep for on air testing

12546. Re: [TS-850_450_690] TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-01 01:20:36 UTC
From: Gene Sailsbury
Topic: 12540 Message: 12546

Please remove this email address from your emails.

From: Bob Naylor <wotbob01@...>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Friday, January 31, 2014 10:20 AM
Subject: Re: [TS-850_450_690] TS450Sat CW Chirp

Tom, I agree with you. I have also witnessed chirps etc with different rigs in the past due to power supply/low voltage etc. Scott, check the power supply for voltage and ripple under full load.
Bob WE6C

From: Tom Osborne <w7why@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 30, 2014 7:51 PM
Subject: Re: [TS-850_450_690] TS450Sat CW Chirp

Hi Scott

I have a couple of TS-450's here and if I let the supply voltage get too low, they chirp. I have a couple of power supplies that have an adjustment knob, and a few times it has gotten bumped and turned the voltage down.

The TS-450's like a power supply that delivers around 13.5 volts or so. If mine gets down to 12 volts, it will start chirping. 73
Tom W7WHY

> Hello Folks, thank you for allowing me to participate with this group. I
> am "2nd" owner of a TS450SAT s/n 604000xxx original owner was my father,
> NX3Y. The rig, has served very very well, I have used it at home,
> portable, mobile, field day, virtually every possible ham radio
> circumstance. I would guesstimate, in the 20+ years in the family, it
> has been a part of 300k qso or more.
>
>
> A few weeks ago, I was participating in one of the CW contests. I was
> put on the dx cluster as having clicks and chirps. a local radio buddy
> texted me via cell phone and emailed me audio. a definitive chirp. off
> the air I went, and immediately began troubleshooting and asking elmers
> a possible cause or route of troubleshooting. A more trusted one
> indicated it could be just as simple as frame grounding. so I ran a new
> #6 ground, from the rig to the black gas pipe, which is also tied to a
> ground rod driven outside. Tested it with a few station s, all reported
> no chirp, good clean CW.

>
> 3 days ago, while playing with the SKCC folks, and their K3Y anniversary
> event, I get a message that my cw audio is very chirpy. I check all
> ground connections, all are still intact. tested with another station,
> get a good clean CW signal report. now I am a lil baffled.
>
> Today, while in qso, I was asked what model heathkit I was running, due
> to the chirp with the CW tone. in addition to that, I get a oo postcard
> in the mail, indicating a CW chirp. After Kenwood tech support tells me,
> if the factory reset doesn't fix it, I need to send it in for repair, I
> am consulting the experts, the folks on this reflector. I imagine some
> of you have run across this before. Please, any opinions, tips, tricks,
> are useful. Thank you for your time, and I apologize for the long read.
> best 73 Scott, KA3QLF
>
>
>

12547. Re: [TS-850_450_690] TS450Sat CW Chirp

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-01 19:38:29 UTC
From: <RockGOP@...>
Topic: 12540 Message: 12547

You grounded your rig to a what?

12548. TS850S /AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-03 10:39:15 UTC
From: <vk2pwr@...>
Topic: 12548 Message: 12548

lead from ACC 3 getting hot and killing serial ports HELP i have never seen anything like this

12549. RE: TS850S /AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-04 15:18:19 UTC
From: <Villy.Madsen@...>
Topic: 12548 Message: 12549

If I'm thinking of the right connector - I would take the connector apart and check for shorts.

Things are awfully tight in there

Villy

VE6SQ

12550. TS850S AGC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-08 20:28:41 UTC
From: Klaus Voigtlaender
Topic: 12550 Message: 12550

Hello

today I found, that the recovery time of a strong signal ist about 10 to 20 seconds. There is also a video on youtube.

Do you have any aolutions?

73 de DJ1TU
Klaus

12551. Audio Hum

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-08 23:37:53 UTC
From: Crownhaven
Topic: 12551 Message: 12551

Hi folks. This is a reach in terms of figuring this out but.....here goes. I have an interface, Rascal, between my TS-850S and laptop to run digital modes. The Rascal has a serial connector on it but the laptop doesn't. I use a USB adapter to take care of this. Everything works but........I have a low hum on my mic audio. In the process of eliminating the source, I discover when I disconnect the laptop from the USB adapter/Rascal interface, no hum. I have no idea what might be causing this. Laptop running on DC supply. I have not disconnected the PS and run the laptop on the battery. That is next.

Any ideas?

Steve, N4JQQ

12552. Display Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-10 02:21:10 UTC
From: <fransuti@...>
Topic: 12552 Message: 12552

I have seen a couple of posts, but I belive I have another situation. I have to look at my display sideways and it looks perfect, if I look at it from the front it seems to be all lit. Any hints

12553. RE: TS 450 Bright display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-10 02:36:17 UTC
From: <fransuti@...>
Topic: 9756 Message: 12553

Hi alex have you had any luck with your display I have the same problem with my 450..
thanks ahead...

12554. Re: [TS-850_450_690] RE: TS 450 Bright display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-10 03:27:00 UTC
From: Dave Rust
Topic: 9756 Message: 12554

My 450s had a display problem when I bought it. I bought a replacement digital board off Ebay put it in and it works ok. Its the board behind the front panel. It is very easy to put in. Sounds like your problem.
W0DLR 73

12555. RE: TS 450 Bright display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-10 03:47:04 UTC
From: <fungkh2004@...>
Topic: 9756 Message: 12555

My ts450s also got this problem until I replace a used digital board last disember, Now its working perfectly

12556. Needed: X48-3090-xx IF board for my TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-11 15:39:08 UTC
From: Bob - K2KI
Topic: 12556 Message: 12556

Hi all,
Well, I am still on the hunt for the elusive IF board for my TS-690S.
Common story: C99 & C101 both lost their innards and spread across the entire filter section eating all of the traces in the area. I have tried point to point wiring in an effort to get it repaired but to no avail.
In fact,

There are bare portions of the PCB where the electrolytic material was that appears to be slightly conductive. I have tried denatured alcohol plus other solvents to try to remedy this condition but with no joy.

I really need a new board. If anyone has one that they would be willing to sell me, please drop me a note off list.

I also need the Mic Gain Knob.

Many thanks es 73....
Bob de k2ki

12557. Wanted: CAR boards for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-19 03:05:26 UTC
From: <zclobes@...>
Topic: 12557 Message: 12557

I have an 850 with a bad DDS chip, and I'm looking for some replacement chips. Let me know what you have, dead or alive and what you want for it.

Zack

12558. RE: TS 450 Bright display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-19 23:23:56 UTC
From: <ion@...>
Topic: 9756 Message: 12558

If your budget is tight right now, you can use the free version of Ham Radio Deluxe to tune your rig. You'd just need the CAT cable available on ebay and of course a PC.

12559. RE: Advice on getting started with digital modes.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-20 00:20:11 UTC
From: <ion@...>
Topic: 12530 Message: 12559

Hi Alan,

I would like to offer my experience. I have the TS-450S and have been using digital modes for a couple weeks now with great success.
First, you do not need any special expensive interface hardware. All you need is a CAT cable and an audio cable to connect the TS-450 to the sound card on your PC. I got mine off of ebay for $45 for the set. Next, download a digital mode program such as Fldigi or Ham Radio Deluxe for it's Digital Master 780 Software. These programs can be obtained free of charge. I use Ham Radio Deluxe and Digital Master 780. The software can key up your radio via the CAT cable. If you want to do CW, select MCW (modulated continuous wave) for the software mode. The software will then generate the CW and send it via the audio cable to your ts-450 so no external keyer is necessary.

Hope this helps you,

Justin, N8QVQ
www.n8qvq.info

---In TS-850_450_690@yahoogroups.com, <alannyc1981x2@...> wrote:

So I'm and old time CW straight key operator. I want to get involved in some of the newer digital modes. Looked at TigerTronics, RigBlaster and others. Some have a CW keying circuit some don't.

Using TS-450S and Windows XP or 8.1 (depending on computer I use).

So please give me some suggestions on interface(s) and which (simple) software to use. Personal experience would be helpful in the discussion.

THANKS!
Alan, NY2G

12560. Re: [TS-850_450_690] RE: Advice on getting started with digital modes.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-20 08:21:11 UTC
From: Frank Raffaele
Topic: 12530 Message: 12560

On 2/19/2014 7:20 PM, ion@... wrote:
>
> Hi Alan,
>
> I would like to offer my experience. I have the TS-450S and have been
> using digital modes for a couple weeks now with great success.<SNIP>If
> you want to do CW, select MCW (modulated continuous wave) for the
> software mode. The software will then generate the CW and send it via
> the audio cable to your ts-450 so no external keyer is necessary.</SNIP>

I have been using a TS-450 with HRD/DM780 for some time. It is not necessary to use MCW as DM780 will key the rig via the comm port. (There appears to be a lot of debate/disagreement on whether MCW is legal on the bands anyway so I avoided the issue.)

I suggest installing a second sound card. Let your OS have the on-board audio (since that's what it's used to) then the rig can have it's own dedicated sound card. This way you wont have to fiddle with sound levels when switching between the OS and DM780 (as they'll each have their own) and you wont accidentally transmit your OS default sounds.

I had an issue where I ran out of comm ports. The rig control interface needed one and so did the audio interface but the PC had only 1. To address that issue I added an Edgeport 2M serial adapter. From 1 USB port I now had 2 serial ports. (Comm 3 and Comm 4) Neither HRD or the audio cable appeared to care that they're not indigenous. Both the rig control and audio interface came from N8ST, DonnerStore.org. They don't appear to have the rig control interface any longer. Perhaps demand dropped off but the audio cable is still there.

This setup ran under XP and Windows 7. I don't know how Win8.x will handle it.

That's my story. Yours can differ.

Frank, KC2MBV

12561. RE: Wanted: CAR boards for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-21 13:27:48 UTC
From: <Villy.Madsen@...>
Topic: 12557 Message: 12561

Zack

if you have no luck, it seems to me that one of the DDS chips is only used for FM. A close review of the service manual might show that you could perhaps move one of the chips and fix your problem..

A larger project would be to re-engineer the CAR board using newer technology. It wouldn't be a trivial issue, but not as bad as it might look at first glance. A lot of the circuitry on the CAR board is there because the DDS chips used ran at a very low frequency by today's standards,
One would need a micro in there to convert the "instructions" comming from the TS-850 processor into something that the newer DDS chips understand.
Villy VE6SQ

Villy VE6SQ

12562. RE: [TS-850_450_690] RE: Wanted: CAR boards for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-21 14:35:46 UTC
From: k4pdm
Topic: 12557 Message: 12562

If someone could design an economical replacement for that board, they would sell tons of them... 73 Paul K4PDM Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone
-------- Original message --------
From: Villy.Madsen@shaw.ca
Date:02/21/2014 8:27 AM (GMT-05:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] RE: Wanted: CAR boards for TS-850S

Zack if you have no luck, it seems to me that one of the DDS chips is only used for FM. A close review of the service manual might show that you could perhaps move one of the chips and fix your problem.. A larger project would be to re-engineer the CAR board using newer technology. It wouldn't be a trivial issue, but not as bad as it might look at first glance. A lot of the circuitry on the CAR board is there because the DDS chips used ran at a very low frequency by today's standards, One would need a micro in there to convert the "instructions" comming from the TS-850 processor into something that the newer DDS chips understand. Villy VE6SQ Villy VE6SQ

12563. RE: [TS-850_450_690] RE: Wanted: CAR boards for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-21 15:54:53 UTC
From: <zclobes@...>
Topic: 12557 Message: 12563

I was actually kept awake last night, laying in bed thinking through these exact problems. I have a sneaking suspicion that a single modern FPGA could probably produce all four outputs simultaneously.

The flip side of that is those boards being double-sided SMT are already pretty dense. I don't really have the facilities to produce that high of density at any capacity at all.

I didn't really need another project right now but.....

12564. RE: [TS-850_450_690] RE: Wanted: CAR boards for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-22 15:03:43 UTC
From: <Villy.Madsen@...>
Topic: 12557 Message: 12564

Don't forget that an awful lot of the circuitry on the board resulted from the requirement to run the CAR chips at lower frequencies - & multiplying the results up to the final frequency.

The new DDS chips can generate the required frequency directly. As far as I could see, even generating the RTTY wouldn't be an issue. you will of course need room for something to translate the TS850 bus commands, but a middling size AMTEL AVR should do that quite nicely. Could likely even handle an ASCII to Baudot conversion at the same time <G>

Villy VE6SQ

12565. ACC-4 Connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-24 13:41:40 UTC
From: <jtjc810@...>
Topic: 12565 Message: 12565

I would like to use the ACC-4 connector on the back of the 850 to power an external device and have looked at the shapes of the pins and they do not seem to be regular Molex. Does anyone know where the correct plug for the ACC-4 can be obtained ?
Tnx
Joe WR2B

12566. RE: Advice on getting started with digital modes.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-24 18:48:03 UTC
From: <YAMAHAXS650H@...>
Topic: 12530 Message: 12566

Hi Group:
Thanks to all who responded to my question.
So here is what I accomplished so far...
Purchased "RigBlaster Advantage" from DX-Engineering.
Purchased mini-tower running Windows 7.
(Not hooked up to TS-450 yet.)
Running both MRP40 Morse Decoder and Fldigi (just to play around).
Input is not my radio... Using old ARRL morse code training tapes in cassette player!!!
Fldigi decodes better than MRP40!
Output is not my radio... Using old AMECO Code Practice Oscillator. AH HA! That's why I chose the RigBlaster Advantage... it has a keying relay/transistor (VOX) so I can send "real" Morse Code CW and not MCW.
Anyway... rig control will be easy. Have cables and everything else needed.
Time is big factor (busy time of the year for me) so in a month or two I'll connect to my rig.
I'll keep you guys updated.
73,
Alan, NY2G

12567. RE: TS 450 Bright display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-25 04:02:56 UTC
From: <fransuti@...>
Topic: 9756 Message: 12567

Thanks for the info, but I am using hrd 6 on my ft-920 that I use for digital modes but I would like to work phonia on a easy reading display on my 450, I have had some very bad experience with shipping to the states. Here in Puerto rico they take no care of packages...

12568. AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 13:56:29 UTC
From: <pegloff@...>
Topic: 12568 Message: 12568

Hi all,

A friend of mine has bought a TS850 he wants to use in AM.
Despite correct settings (output power at 30W set by CAR, correct MIC gain) the power is dropping instead of increasing when he speaks.
Any guess on what could be wrong ?
73, TK5EP Patrick.

12569. Re: [TS-850_450_690] AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 14:05:12 UTC
From: kkyahoo
Topic: 12568 Message: 12569

Carrier power is too high and the ALC is pushing the power down on speech peaks. I always run the power output flat out and control the output on the carrier control. 25W is the highest carrier you can use in theory, but even if you reduce it to 10W you will still see some power reduction on speech peaks, this is normal on many rigs. My 7600 does exactly the same.

Kevin

----- Original Message -----
From: pegloff@...
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 27, 2014 1:56 PM
Subject: [TS-850_450_690] AM modulation problem

Hi all,

A friend of mine has bought a TS850 he wants to use in AM.
Despite correct settings (output power at 30W set by CAR, correct MIC gain) the power is dropping instead of increasing when he speaks.
Any guess on what could be wrong ?
73, TK5EP Patrick.

12570. Re: [TS-850_450_690] AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 15:38:46 UTC
From: Daniel Raney
Topic: 12568 Message: 12570

Patrick,
I rarely use mine on AM but if I remember correctly, you should turn your CAR down to about 5-10 watts. At that setting, you see a forward movement of the output .

Hope this helps.....Dan

-----Original Message-----
From: pegloff <pegloff@...>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Thu, Feb 27, 2014 5:56 am
Subject: [TS-850_450_690] AM modulation problem

Hi all,

A friend of mine has bought a TS850 he wants to use in AM.
Despite correct settings (output power at 30W set by CAR, correct MIC gain) the power is dropping instead of increasing when he speaks.
Any guess on what could be wrong ?
73, TK5EP Patrick.

12571. Re: AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 15:04:43 UTC
From: NIGEL FENTON
Topic: 12568 Message: 12571

Your joking right?

I must be missing the question... AM no modulation = 100% carrier = full power...

Now modulate the carrier.... surly the measured power goes down, it cant go up can it?

G0JKN - Nigel

12572. Re: [TS-850_450_690] Re: AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 16:55:49 UTC
From: Dave Rust
Topic: 12568 Message: 12572

You don't want to run AM full power, or your radio won't last long. Consult your manual before you run AM if you are not familiar with it.
Dave W0DLR

12573. RE: AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 20:05:55 UTC
From: <pegloff@...>
Topic: 12568 Message: 12573

Hi all, Thanks for the different answers...
Well, just to be sure, i went to my contest QTH where i have 2 TS850s and made the test myself. It seems that about 25W is the maximum you can put with no modulation if you want a next to perfect modulation. Flat, as one fellow suggested, works just fine also.
It's difficult to be sure if my friend makes the right settings, he is about 600km from here, but i'm pretty confident he does...
NO, AM can't have full power with NO modulation. As AM for amplitude modulation suggests, the output power is varying with the audio signal. So in no case can the RF power go down with modulation, the modulation index can't be higher than 1 or you will overmodulate.
I suspect that my friend has a serious ALC problem.

73, Patrick

12574. Ts-450s audio in for phone and digimode work.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 20:10:09 UTC
From: <tilen.pusar@...>
Topic: 12574 Message: 12574

Hello dear ham friends. I'm searching for wireing the connection for audio in pin...

I would like to wire the voice from pc for ssb calling q etc.. via vox.
Any expirience about this?

Thank you very much, 73, s52ow Tilen

12575. Re: [TS-850_450_690] Ts-450s audio in for phone and digimode work.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-27 21:14:28 UTC
From: Tom Osborne
Topic: 12574 Message: 12575

On 2/27/2014 12:10 PM, tilen.pusar@... wrote:
> Hello dear ham friends. I'm searching for wireing the connection for audio in pin...
>
> I would like to wire the voice from pc for ssb calling q etc.. via vox.
> Any expirience about this?
>
>
> Thank you very much, 73, s52ow Tilen

Hi Tilen

I have my TS-450SAT wired to the sound card in the computer to send SSB
to the radio.

The audio is the center pin of the mic jack. PTT is pin 6 and gnd is pin 7.

I use a home made interface with a couple of audio transformers to
isolate the audio into the radio from the sound card in the computer.
Works for SSB or for RTTY. 73
Tom W7WHY

12576. Re: [TS-850_450_690] Ts-450s audio in for phone and digimode work.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-28 19:13:54 UTC
From: <tilen.pusar@...>
Topic: 12574 Message: 12576

Hello Tom! Thank you very much. I found that Acc2 connector at the back side of the radio permits audio in for ssb work also. I'll try to do that via 13 din connector. Otherwise thank you! :)

73, s52ow Tilen

12577. Re: Ts-450s audio in for phone and digimode work.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-02-28 23:11:34 UTC
From: Tom Osborne
Topic: 12574 Message: 12577

On 2/28/2014 8:43 AM, Chris Kepus wrote:
> Hi Tom,
>
>
>
> You posted that you are using a homebrew interface between your computer and
> the audio input.
>
>
>
> I am very interested in your approach both for budgetary reasons and because
> I enjoy homebrewing.
>
>
>
> Any chance you would be willing to share your project details? Schematic,
> photo, block diagram, etc?
>
>
>
> Thanks,
>
> Chris
>
> W7JPG

HI Chris

Here is a link to some interfaces that are easy to build. Most are
pretty basic. 73
Tom W7WHY

https://www.google.com/search?q=sound+card+to+radio+interface&client=firefox-a&hs=Sts&rls=org.mozilla:en-US:official&channel=sb&tbm=isch&tbo=u&source=univ&sa=X&ei=NRcRU4eoHs_-oQSAjoGQDw&ved=0CFAQsAQ&biw=1152&bih=700

12578. Re: AM modulation problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 16:43:41 UTC
From: <myyahoo@...>
Topic: 12568 Message: 12578

AM output power is the carrier power plus the sideband power. At 100% modulation, the output power will be twice the carrier power. The Kenwood manual suggests that carrier power can be as a high as 40 watts and the fully modulated output can be as high as 80 watts, but it seems that practical experience shows this to be not obtainable. It would be interesting to watch the output on a spectrum analyser, my suspicion is that the finals just can't handle the continuous load.

Richard, VE7CVS

12579. Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 22:33:39 UTC
From: k4pdm
Topic: 12579 Message: 12579

Is the MC-60A mic a good one for a TS-850SAT? Just looking for clear middle of the road audio, not super bass or tinny.

Also, how susceptible is it to RF feedback?

73 Thanks K4PDM

Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone

12580. Re: Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 22:42:11 UTC
From: John tf
Topic: 12579 Message: 12580

Very good mic , I have heard there can be RF issues - but with the base .
I do not remember what the fix is ?
John
KD0CAC

12581. Re: [TS-850_450_690] Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 22:53:50 UTC
From: ik8vze
Topic: 12579 Message: 12581

MC 60 is a good mic but you can try to improve it thanks to some advice to change in case of return to radio housing rf on
73 de ik8vze & ac2lc Rizzuti Espedito
traslate and see this link for the modify http://www.iw2nzx.it/?page_id=92

----- Original Message -----
From: k4pdm
To: Kenwood 850 Mailing List
Sent: Sunday, March 02, 2014 11:33 PM
Subject: [TS-850_450_690] Mc60a

Is the MC-60A mic a good one for a TS-850SAT? Just looking for clear middle of the road audio, not super bass or tinny.

Also, how susceptible is it to RF feedback?

73 Thanks K4PDM

Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone

---
Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12582. Re: [TS-850_450_690] Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 22:57:23 UTC
From: tjwaraksa@yahoo.com
Topic: 12579 Message: 12582

That may be the mic the rig was designed for...not certain.. I get great reports on my TS-450 using the MC60a.

Tom AF8P

Sent from Yahoo Mail on Android

12583. Re: [TS-850_450_690] Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 23:07:08 UTC
From: WB4CIW@...
Topic: 12579 Message: 12583

Hi,
I cannot read a word of what was said, but it looks like he ran a wire from the ground terminal to the
metal frame of the base. I see what looks like a 100 Ohm resistor has
been added to the mic socket?
What is the purpose of the resistor?

Frank
wb4ciw@... (mailto:wb4ciw@...)

In a message dated 02-Mar-14 15:53:50 Mountain Standard Time,
ik8vze@... writes:

☐

MC 60 is a good mic but you can try to improve it thanks to some advice
to change in case of return to radio housing rf on
73 de ik8vze & ac2lc Rizzuti Espedito
traslate and see this link for the modify http://www.iw2nzx.it/?page_id=92

----- Original Message -----
From: _k4pdm_ (mailto:k4pdm@...)
To: _Kenwood 850 Mailing List_ (mailto:TS-850_450_690@yahoogroups.com)
Sent: Sunday, March 02, 2014 11:33 PM
Subject: [TS-850_450_690] Mc60a

Is the MC-60A mic a good one for a TS-850SAT? Just looking for clear
middle of the road audio, not super bass or tinny.

Also, how susceptible is it to RF feedback?

73 Thanks K4PDM

Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone

---
(http://www.avast.com/)
Questa e-mail è priva di virus e malware perché è attiva la protezione
avast! Antivirus (http://www.avast.com/) .

12584. Re: [TS-850_450_690] Re: Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-02 22:51:42 UTC
From: raydeeoh08@...
Topic: 12579 Message: 12584

I use two, for my 940 and my 850. Good audio, no RFI issues at all.

Cheers,
Robert

On 2014-03-02, at 2:42 PM, John tf <john.faughn@...> wrote:

> Very good mic , I have heard there can be RF issues - but with the base .
> I do not remember what the fix is ?
> John
> KD0CAC
>

12585. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-03 18:19:21 UTC
From: Tom Waraksa
Topic: 11825 Message: 12585

Dear Group,

An audio issue started on my 450 this week. Sounds like lightning crash static. Happens intermittently. When it occurs I hear it equally on all bands and all frequncies. It increases in volume as I increase RF and/or AF gain. Sometimes it appears to force the AGC to be affected as all normal stations instantly drop in amplitude for several seconds at a time by many s units. Disconnected everything from the rig except power...still there. Switched from a power supply to a battery...still there.

Any ideas? Thanks very much.

73,

Tom AF8P

Sent from Yahoo Mail on Android

12586. TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 00:17:16 UTC
From: <dmueller421@...>
Topic: 11825 Message: 12586

I don't have my service manual handy, so I may be completely off base here.

The Yaesu FT-857 has a similar symptom when the ceramic IF filters fail. Yaesu made a design error and applies the diode switching DC to the filters, against the manufacturer's recommendations. It's a common failure, and causes the same static crashes. Check for resistance on the input and output pins to ground. Should be tens of kilo ohms. The faulty filter's I've replaced have been a few ohms. The AM filter is the culprit, but it affects SSB as well. The filters are a few dollars (small Toko 455 KHz ones). I'm not saying there's a flaw in the Kenwood design, just that they have similar symptoms to your problem.

Good luck
Dave AA3EE

---In TS-850_450_690@yahoogroups.com, <tjwaraksa@...> wrote:

Dear Group,
An audio issue started on my 450 this week. Sounds like lightning crash static. Happens intermittently. When it occurs I hear it equally on all bands and all frequncies. It increases in volume as I increase RF and/or AF gain. Sometimes it appears to force the AGC to be affected as all normal stations instantly drop in amplitude for several seconds at a time by many s units. Disconnected everything from the rig except power...still there. Switched from a power supply to a battery...still there.
Any ideas? Thanks very much.
73,
Tom AF8P
Sent from Yahoo Mail on Android https://overview.mail.yahoo.com/mobile/?.src=Android

12587. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 04:07:23 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12587

Thanks very much. I will check it out and respond back to the group.

Tom AF8P

Sent from Yahoo Mail on Android

12588. RE: Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 16:25:43 UTC
From: <dmueller421@...>
Topic: 12579 Message: 12588

It appears to be 10 uH choke in series at pin 1 of the mic connector. The other mods connect the preamp ground to the mic case.

73 Dave AA3EE

12589. Re: [TS-850_450_690] RE: Mc60a

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 18:01:04 UTC
From: ik8vze
Topic: 12579 Message: 12589

hi,yes good 10 mH

73 from italy ik8vze &ac2lc Espedito rizzuti
----- Original Message -----
From: dmueller421@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 04, 2014 5:25 PM
Subject: [TS-850_450_690] RE: Mc60a

It appears to be 10 uH choke in series at pin 1 of the mic connector. The other mods connect the preamp ground to the mic case.

73 Dave AA3EE

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12590. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 17:54:51 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12590

Dave and Group,

I have located three crystal filters on the 455 khz IF board. They are labeled as follows:

CF1: small plastic cube, labeled 5_5F
CF2: small plastic cube, labeled 55HT
CF3: larger metal can, labeled CFJ455K-15

Don't have a service manual so I don't have a schematic (X48-3090-00). Do I need to measure them in or out of circuit. I would think out. Again, the problem is intermittent right now.

Thanks for insight.

73,

Tom AF8P

Sent from Yahoo Mail on Android

12591. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 18:06:42 UTC
From: Jordan Arndt
Topic: 11825 Message: 12591

That sounds like a leaky capacitor to me.....73...Jordan VE6ZT

----- Original Message -----
From: tjwaraksa@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 04, 2014 10:54 AM
Subject: Re: [TS-850_450_690] TS-450SAT Audio Issue

Dave and Group,

I have located three crystal filters on the 455 khz IF board. They are labeled as follows:

CF1: small plastic cube, labeled 5_5F
CF2: small plastic cube, labeled 55HT
CF3: larger metal can, labeled CFJ455K-15

Don't have a service manual so I don't have a schematic (X48-3090-00). Do I need to measure them in or out of circuit. I would think out. Again, the problem is intermittent right now.

Thanks for insight.

73,

Tom AF8P

Sent from Yahoo Mail on Android

From: dmueller421@... <dmueller421@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: [TS-850_450_690] TS-450SAT Audio Issue
Sent: Tue, Mar 4, 2014 12:17:16 AM

I don't have my service manual handy, so I may be completely off base here.

The Yaesu FT-857 has a similar symptom when the ceramic IF filters fail. Yaesu made a design error and applies the diode switching DC to the filters, against the manufacturer's recommendations. It's a common failure, and causes the same static crashes. Check for resistance on the input and output pins to ground. Should be tens of kilo ohms. The faulty filter's I've replaced have been a few ohms. The AM filter is the culprit, but it affects SSB as well. The filters are a few dollars (small Toko 455 KHz ones). I'm not saying there's a flaw in the Kenwood design, just that they have similar symptoms to your problem.

Good luck
Dave AA3EE

---In TS-850_450_690@yahoogroups.com, <tjwaraksa@...> wrote:

Dear Group,

An audio issue started on my 450 this week. Sounds like lightning crash static. Happens intermittently. When it occurs I hear it equally on all bands and all frequncies. It increases in volume as I increase RF and/or AF gain. Sometimes it appears to force the AGC to be affected as all normal stations instantly drop in amplitude for several seconds at a time by many s units. Disconnected everything from the rig except power...still there. Switched from a power supply to a battery...still there.

Any ideas? Thanks very much.

73,

Tom AF8P

Sent from Yahoo Mail on Android

12592. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 19:47:16 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12592

Jordan,

Thanks for the input. Can you please expand on your idea of the leaky cap? Not sure how a leaky cap could create the lightning crash sound effects. Be as technical as you like.

Thanks and 73,

Tom AF8P

Sent from Yahoo Mail on Android

12593. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 20:54:37 UTC
From: Jordan Arndt
Topic: 11825 Message: 12593

I believe you're hearing the effects of intermittent DC as a capacitor (mostly likely a coupling cap) is breaking down.
SInce the level varies with AF and RF controls, it is most likely in the IF or AGC cktry.

If you are fortunate, you might be able to trigger the noise by tapping on any suspect caps. You might provoke the same effect by tapping on the filter cases also, but I won't guarantee you success.
I don't recall having heard of or seen one of those Murata filters go bad, but there's always a first time....

73..Jordan VE6ZT
----- Original Message -----
From: tjwaraksa@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 04, 2014 12:47 PM
Subject: Re: [TS-850_450_690] TS-450SAT Audio Issue

Jordan,

Thanks for the input. Can you please expand on your idea of the leaky cap? Not sure how a leaky cap could create the lightning crash sound effects. Be as technical as you like.

Thanks and 73,

Tom AF8P

Sent from Yahoo Mail on Android

From: Jordan Arndt <Outposter30@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: Re: [TS-850_450_690] TS-450SAT Audio Issue
Sent: Tue, Mar 4, 2014 6:06:42 PM

☐

That sounds like a leaky capacitor to me.....73...Jordan VE6ZT

----- Original Message -----
From: tjwaraksa@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 04, 2014 10:54 AM
Subject: Re: [TS-850_450_690] TS-450SAT Audio Issue

Dave and Group,

I have located three crystal filters on the 455 khz IF board. They are labeled as follows:

CF1: small plastic cube, labeled 5_5F
CF2: small plastic cube, labeled 55HT
CF3: larger metal can, labeled CFJ455K-15

Don't have a service manual so I don't have a schematic (X48-3090-00). Do I need to measure them in or out of circuit. I would think out. Again, the problem is intermittent right now.

Thanks for insight.

73,

Tom AF8P

Sent from Yahoo Mail on Android

From: dmueller421@... <dmueller421@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: [TS-850_450_690] TS-450SAT Audio Issue
Sent: Tue, Mar 4, 2014 12:17:16 AM

I don't have my service manual handy, so I may be completely off base here.

The Yaesu FT-857 has a similar symptom when the ceramic IF filters fail. Yaesu made a design error and applies the diode switching DC to the filters, against the manufacturer's recommendations. It's a common failure, and causes the same static crashes. Check for resistance on the input and output pins to ground. Should be tens of kilo ohms. The faulty filter's I've replaced have been a few ohms. The AM filter is the culprit, but it affects SSB as well. The filters are a few dollars (small Toko 455 KHz ones). I'm not saying there's a flaw in the Kenwood design, just that they have similar symptoms to your problem.

Good luck
Dave AA3EE

---In TS-850_450_690@yahoogroups.com, <tjwaraksa@...> wrote:

Dear Group,

An audio issue started on my 450 this week. Sounds like lightning crash static. Happens intermittently. When it occurs I hear it equally on all bands and all frequncies. It increases in volume as I increase RF and/or AF gain. Sometimes it appears to force the AGC to be affected as all normal stations instantly drop in amplitude for several seconds at a time by many s units. Disconnected everything from the rig except power...still there. Switched from a power supply to a battery...still there.

Any ideas? Thanks very much.

73,

Tom AF8P

Sent from Yahoo Mail on Android

12594. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-04 20:26:36 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12594

Can someone email me the schematic mentioned below? Or, might I find it in the Yahoo folders for this group? Thanks. Tom AF8P

Sent from Yahoo Mail on Android

12595. TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 13:51:00 UTC
From: Zack Widup
Topic: 12595 Message: 12595

Hi,

My TS-850 has developed a problem and I thought maybe one of you might know where to look. It mainly shows up on CW but the problem is there on other modes.

Usually, when I first turn it on after it's been off for a while, it seems OK. Then, after a while, signals start to sound raspy on receive. When I transmit, people tell me my signal sounds raspy, almost like raw AC on CW. The problem just started again a few minutes ago, so I listened to some SSB and AM signals and they all sounded raspy, too, so it affects everything.

I've been using a PS-50 power supply for almost 20 years with the radio. The power supply has been fine. I haven't tried swapping out power supplies to see if that takes care of it, but I suppose that's the first step to take. I just wonder if I should look into any other areas, too.

73, Zack W9SZ

12596. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 14:10:06 UTC
From: John tf
Topic: 12595 Message: 12596

Need more info , giving us the ser. # , because of the issue with
counterfeit
capacitors in the early numbers , if I remember 6 million or less .
Then if earlier the issue of caps damaging the chips on the carr board .
You should have a collection of notes , repairs , issues etc. for internet
searches , then read through those to see if any issues have a regular
known occurrence and repair .

John
KD0CAC

On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:

>
>
> Hi,
>
> My TS-850 has developed a problem and I thought maybe one of you might
> know where to look. It mainly shows up on CW but the problem is there
> on other modes.
>
> Usually, when I first turn it on after it's been off for a while, it
> seems OK. Then, after a while, signals start to sound raspy on
> receive. When I transmit, people tell me my signal sounds raspy,
> almost like raw AC on CW. The problem just started again a few minutes
> ago, so I listened to some SSB and AM signals and they all sounded
> raspy, too, so it affects everything.
>
> I've been using a PS-50 power supply for almost 20 years with the
> radio. The power supply has been fine. I haven't tried swapping out
> power supplies to see if that takes care of it, but I suppose that's
> the first step to take. I just wonder if I should look into any other
> areas, too.
>
> 73, Zack W9SZ
>
>

12597. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 16:17:16 UTC
From: Crownhaven
Topic: 12595 Message: 12597

Counterfeit capacitors? First I have ever heard of this. Could you
elaborate please John?

Thanks,

Steve, N4JQQ

On 3/5/2014 8:10 AM, John tf wrote:
> Need more info , giving us the ser. # , because of the issue with
> counterfeit
> capacitors in the early numbers , if I remember 6 million or less .
> Then if earlier the issue of caps damaging the chips on the carr board .
> You should have a collection of notes , repairs , issues etc. for
> internet searches , then read through those to see if any issues have
> a regular known occurrence and repair .
>
> John
> KD0CAC
>
>
> On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...
> <mailto:w9sz.zack@...>> wrote:
>
> Hi,
>
> My TS-850 has developed a problem and I thought maybe one of you might
> know where to look. It mainly shows up on CW but the problem is there
> on other modes.
>
> Usually, when I first turn it on after it's been off for a while, it
> seems OK. Then, after a while, signals start to sound raspy on
> receive. When I transmit, people tell me my signal sounds raspy,
> almost like raw AC on CW. The problem just started again a few minutes
> ago, so I listened to some SSB and AM signals and they all sounded
> raspy, too, so it affects everything.
>
> I've been using a PS-50 power supply for almost 20 years with the
> radio. The power supply has been fine. I haven't tried swapping out
> power supplies to see if that takes care of it, but I suppose that's
> the first step to take. I just wonder if I should look into any other
> areas, too.
>
> 73, Zack W9SZ
>
>
>

12598. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 16:52:24 UTC
From: Jordan Arndt
Topic: 12595 Message: 12598

It wasn't exactly counterfeit caps, but a bad electrolyte mix that was fraudulent...
When I have noticed that raspiness, it has usually been a VCO that needed tweaking, but a leaky cap can show the same symptoms....

Try the VCO adjustment first....

73...Jordan VE6ZT

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 05, 2014 9:17 AM
Subject: Re: [TS-850_450_690] TS-850 problem

Counterfeit capacitors? First I have ever heard of this. Could you elaborate please John?

Thanks,

Steve, N4JQQ

On 3/5/2014 8:10 AM, John tf wrote:

Need more info , giving us the ser. # , because of the issue with counterfeit capacitors in the early numbers , if I remember 6 million or less .
Then if earlier the issue of caps damaging the chips on the carr board .
You should have a collection of notes , repairs , issues etc. for internet searches , then read through those to see if any issues have a regular known occurrence and repair .

John
KD0CAC

On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:

Hi,

My TS-850 has developed a problem and I thought maybe one of you might know where to look. It mainly shows up on CW but the problem is there on other modes.

Usually, when I first turn it on after it's been off for a while, it seems OK. Then, after a while, signals start to sound raspy on receive. When I transmit, people tell me my signal sounds raspy, almost like raw AC on CW. The problem just started again a few minutes ago, so I listened to some SSB and AM signals and they all sounded raspy, too, so it affects everything.

I've been using a PS-50 power supply for almost 20 years with the radio. The power supply has been fine. I haven't tried swapping out

power supplies to see if that takes care of it, but I suppose that's the first step to take. I just wonder if I should look into any other areas, too.

73, Zack W9SZ

12599. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 17:12:28 UTC
From: John tf
Topic: 12595 Message: 12599

Google can be your friend , but it is getting harder with google selling
out .
http://en.wikipedia.org/wiki/Capacitor_plague

On Wed, Mar 5, 2014 at 10:52 AM, Jordan Arndt <Outposter30@...> wrote:

>
>
> It wasn't exactly counterfeit caps, but a bad electrolyte mix that was
> fraudulent...
> When I have noticed that raspiness, it has usually been a VCO that needed
> tweaking, but a leaky cap can show the same symptoms....
>
> Try the VCO adjustment first....
>
> 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> *From:* Crownhaven <crownhaven@...>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Wednesday, March 05, 2014 9:17 AM
> *Subject:* Re: [TS-850_450_690] TS-850 problem
>
>
>
> Counterfeit capacitors? First I have ever heard of this. Could you
> elaborate please John?
>
> Thanks,
>
> Steve, N4JQQ
>
>
> On 3/5/2014 8:10 AM, John tf wrote:
>
>
> Need more info , giving us the ser. # , because of the issue with
> counterfeit
> capacitors in the early numbers , if I remember 6 million or less .
> Then if earlier the issue of caps damaging the chips on the carr board .
> You should have a collection of notes , repairs , issues etc. for internet
> searches , then read through those to see if any issues have a regular
> known occurrence and repair .
>

> John
> KD0CAC
>
>
> On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:
>
>>
>>
>> Hi,
>>
>> My TS-850 has developed a problem and I thought maybe one of you might
>> know where to look. It mainly shows up on CW but the problem is there
>> on other modes.
>>
>> Usually, when I first turn it on after it's been off for a while, it
>> seems OK. Then, after a while, signals start to sound raspy on
>> receive. When I transmit, people tell me my signal sounds raspy,
>> almost like raw AC on CW. The problem just started again a few minutes
>> ago, so I listened to some SSB and AM signals and they all sounded
>> raspy, too, so it affects everything.
>>
>> I've been using a PS-50 power supply for almost 20 years with the
>> radio. The power supply has been fine. I haven't tried swapping out
>> power supplies to see if that takes care of it, but I suppose that's
>> the first step to take. I just wonder if I should look into any other
>> areas, too.
>>
>> 73, Zack W9SZ
>>
>
>
>
>

12600. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 03:53:42 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12600

Thanks Jordan

Sent from Yahoo Mail on Android

12601. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 19:38:18 UTC
From: Crownhaven
Topic: 12595 Message: 12601

I got it. Thanks. But the article says the problem started in 2002.
The TS-850 was produced from 1989 - 1996???? Were there issues with
capacitors earlier than the article reported. Not doubting. Just never
heard about it.

Steve, N4JQQ

On 3/5/2014 11:12 AM, John tf wrote:
> Google can be your friend , but it is getting harder with google
> selling out .
> http://en.wikipedia.org/wiki/Capacitor_plague
>
>
> On Wed, Mar 5, 2014 at 10:52 AM, Jordan Arndt <Outposter30@...
> <mailto:Outposter30@...>> wrote:
>
> It wasn't exactly counterfeit caps, but a bad electrolyte mix that
> was fraudulent...
> When I have noticed that raspiness, it has usually been a VCO that
> needed tweaking, but a leaky cap can show the same symptoms....
> Try the VCO adjustment first....
> 73...Jordan VE6ZT
>
> ----- Original Message -----
> *From:* Crownhaven <mailto:crownhaven@...>
> *To:* TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>
> *Sent:* Wednesday, March 05, 2014 9:17 AM
> *Subject:* Re: [TS-850_450_690] TS-850 problem
>
> Counterfeit capacitors? First I have ever heard of this.
> Could you elaborate please John?
>
> Thanks,
>
> Steve, N4JQQ
>
>
> On 3/5/2014 8:10 AM, John tf wrote:
>> Need more info , giving us the ser. # , because of the issue
>> with counterfeit
>> capacitors in the early numbers , if I remember 6 million or
>> less .
>> Then if earlier the issue of caps damaging the chips on the
>> carr board .

>> You should have a collection of notes , repairs , issues etc.
>> for internet searches , then read through those to see if any
>> issues have a regular known occurrence and repair .
>>
>> John
>> KD0CAC
>>
>>
>> On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup
>> <w9sz.zack@... <mailto:w9sz.zack@...>> wrote:
>>
>> Hi,
>>
>> My TS-850 has developed a problem and I thought maybe one
>> of you might
>> know where to look. It mainly shows up on CW but the
>> problem is there
>> on other modes.
>>
>> Usually, when I first turn it on after it's been off for
>> a while, it
>> seems OK. Then, after a while, signals start to sound
>> raspy on
>> receive. When I transmit, people tell me my signal sounds
>> raspy,
>> almost like raw AC on CW. The problem just started again
>> a few minutes
>> ago, so I listened to some SSB and AM signals and they
>> all sounded
>> raspy, too, so it affects everything.
>>
>> I've been using a PS-50 power supply for almost 20 years
>> with the
>> radio. The power supply has been fine. I haven't tried
>> swapping out
>> power supplies to see if that takes care of it, but I
>> suppose that's
>> the first step to take. I just wonder if I should look
>> into any other
>> areas, too.
>>
>> 73, Zack W9SZ
>>
>>
>
>
>

12602. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 19:43:34 UTC
From: Jordan Arndt
Topic: 12595 Message: 12602

I think the problems goes all the way back to the early 90's....

73...Jordan VE6ZT

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 05, 2014 12:38 PM
Subject: Re: [TS-850_450_690] TS-850 problem

I got it. Thanks. But the article says the problem started in 2002. The TS-850 was produced from 1989 - 1996???? Were there issues with capacitors earlier than the article reported. Not doubting. Just never heard about it.

Steve, N4JQQ

On 3/5/2014 11:12 AM, John tf wrote:

Google can be your friend , but it is getting harder with google selling out .
http://en.wikipedia.org/wiki/Capacitor_plague

On Wed, Mar 5, 2014 at 10:52 AM, Jordan Arndt <Outposter30@...> wrote:

It wasn't exactly counterfeit caps, but a bad electrolyte mix that was fraudulent...
When I have noticed that raspiness, it has usually been a VCO that needed tweaking, but a leaky cap can show the same symptoms....

Try the VCO adjustment first....

73...Jordan VE6ZT

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 05, 2014 9:17 AM
Subject: Re: [TS-850_450_690] TS-850 problem

Counterfeit capacitors? First I have ever heard of this. Could you elaborate please John?

Thanks,

Steve, N4JQQ

On 3/5/2014 8:10 AM, John tf wrote:

Need more info , giving us the ser. # , because of the issue with counterfeit
capacitors in the early numbers , if I remember 6 million or less .
Then if earlier the issue of caps damaging the chips on the carr board .
You should have a collection of notes , repairs , issues etc. for internet searches , then

read through those to see if any issues have a regular known occurrence and repair .

John
KD0CAC

On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:

Hi,

My TS-850 has developed a problem and I thought maybe one of you might know where to look. It mainly shows up on CW but the problem is there on other modes.

Usually, when I first turn it on after it's been off for a while, it seems OK. Then, after a while, signals start to sound raspy on receive. When I transmit, people tell me my signal sounds raspy, almost like raw AC on CW. The problem just started again a few minutes ago, so I listened to some SSB and AM signals and they all sounded raspy, too, so it affects everything.

I've been using a PS-50 power supply for almost 20 years with the radio. The power supply has been fine. I haven't tried swapping out power supplies to see if that takes care of it, but I suppose that's the first step to take. I just wonder if I should look into any other areas, too.

73, Zack W9SZ

12603. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 19:48:22 UTC
From: Zack Widup
Topic: 12595 Message: 12603

I have seen somewhere a list of the capacitors recommended to be replaced in the TS-850, along with recommended replacements from Digi-Key, or Mouser, or both. I can't find it in the Files section, though. Is this info around somewhere?

73, Zack W9SZ

On Wed, Mar 5, 2014 at 1:43 PM, Jordan Arndt <Outposter30@...> wrote:

>
>
> I think the problems goes all the way back to the early 90's....
>
> 73...Jordan VE6ZT
>
>
> ----- Original Message -----
> *From:* Crownhaven <crownhaven@...>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Wednesday, March 05, 2014 12:38 PM
> *Subject:* Re: [TS-850_450_690] TS-850 problem
>
>
>
> I got it. Thanks. But the article says the problem started in 2002. The
> TS-850 was produced from 1989 - 1996???? Were there issues with capacitors
> earlier than the article reported. Not doubting. Just never heard about
> it.
>
> Steve, N4JQQ
>
>
> On 3/5/2014 11:12 AM, John tf wrote:
>
>
> Google can be your friend , but it is getting harder with google selling
> out .
> http://en.wikipedia.org/wiki/Capacitor_plague
>
>
> On Wed, Mar 5, 2014 at 10:52 AM, Jordan Arndt <Outposter30@...> wrote:
>
>>
>>
>> It wasn't exactly counterfeit caps, but a bad electrolyte mix that was
>> fraudulent...

>> When I have noticed that raspiness, it has usually been a VCO that needed
>> tweaking, but a leaky cap can show the same symptoms....
>>
>> Try the VCO adjustment first....
>>
>> 73...Jordan VE6ZT
>>
>>
>> ----- Original Message -----
>> *From:* Crownhaven <crownhaven@...>
>> *To:* TS-850_450_690@yahoogroups.com
>> *Sent:* Wednesday, March 05, 2014 9:17 AM
>> *Subject:* Re: [TS-850_450_690] TS-850 problem
>>
>>
>>
>> Counterfeit capacitors? First I have ever heard of this. Could you
>> elaborate please John?
>>
>> Thanks,
>>
>> Steve, N4JQQ
>>
>>
>> On 3/5/2014 8:10 AM, John tf wrote:
>>
>>
>> Need more info , giving us the ser. # , because of the issue with
>> counterfeit
>> capacitors in the early numbers , if I remember 6 million or less .
>> Then if earlier the issue of caps damaging the chips on the carr board .
>> You should have a collection of notes , repairs , issues etc. for
>> internet searches , then read through those to see if any issues have a
>> regular known occurrence and repair .
>>
>> John
>> KD0CAC
>>
>>
>> On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:
>>
>>>
>>>
>>> Hi,
>>>
>>> My TS-850 has developed a problem and I thought maybe one of you might
>>> know where to look. It mainly shows up on CW but the problem is there
>>> on other modes.
>>>
>>> Usually, when I first turn it on after it's been off for a while, it

>>> seems OK. Then, after a while, signals start to sound raspy on
>>> receive. When I transmit, people tell me my signal sounds raspy,
>>> almost like raw AC on CW. The problem just started again a few minutes
>>> ago, so I listened to some SSB and AM signals and they all sounded
>>> raspy, too, so it affects everything.
>>>
>>> I've been using a PS-50 power supply for almost 20 years with the
>>> radio. The power supply has been fine. I haven't tried swapping out
>>> power supplies to see if that takes care of it, but I suppose that's
>>> the first step to take. I just wonder if I should look into any other
>>> areas, too.
>>>
>>> 73, Zack W9SZ
>>>
>>
>>
>>
>
>
>

12604. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 20:47:03 UTC
From: Jordan Arndt
Topic: 12595 Message: 12604

Try here:

http://jvgavila.com/wb7.htm

73...Jordan VE6ZT

----- Original Message -----
From: Zack Widup
To: TS-850_450_690
Sent: Wednesday, March 05, 2014 12:48 PM
Subject: Re: [TS-850_450_690] TS-850 problem

I have seen somewhere a list of the capacitors recommended to be replaced in the TS-850, along with recommended replacements from Digi-Key, or Mouser, or both. I can't find it in the Files section, though. Is this info around somewhere?

73, Zack W9SZ

On Wed, Mar 5, 2014 at 1:43 PM, Jordan Arndt <Outposter30@...> wrote:

I think the problems goes all the way back to the early 90's....

73...Jordan VE6ZT

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 05, 2014 12:38 PM
Subject: Re: [TS-850_450_690] TS-850 problem

I got it. Thanks. But the article says the problem started in 2002. The TS-850 was produced from 1989 - 1996???? Were there issues with capacitors earlier than the article reported. Not doubting. Just never heard about it.

Steve, N4JQQ

On 3/5/2014 11:12 AM, John tf wrote:

Google can be your friend , but it is getting harder with google selling out .
http://en.wikipedia.org/wiki/Capacitor_plague

On Wed, Mar 5, 2014 at 10:52 AM, Jordan Arndt <Outposter30@...> wrote:

It wasn't exactly counterfeit caps, but a bad electrolyte mix that was fraudulent...
When I have noticed that raspiness, it has usually been a VCO that needed tweaking, but a leaky cap can show the same symptoms....

Try the VCO adjustment first....

73...Jordan VE6ZT

----- Original Message -----
From: Crownhaven
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 05, 2014 9:17 AM
Subject: Re: [TS-850_450_690] TS-850 problem

Counterfeit capacitors? First I have ever heard of this. Could you elaborate please John?

Thanks,

Steve, N4JQQ

On 3/5/2014 8:10 AM, John tf wrote:

Need more info , giving us the ser. # , because of the issue with counterfeit
capacitors in the early numbers , if I remember 6 million or less .
Then if earlier the issue of caps damaging the chips on the carr board .
You should have a collection of notes , repairs , issues etc. for internet searches , then
read through those to see if any issues have a regular known occurrence and repair .

John
KD0CAC

On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:

Hi,

My TS-850 has developed a problem and I thought maybe one of you might
know where to look. It mainly shows up on CW but the problem is there
on other modes.

Usually, when I first turn it on after it's been off for a while, it
seems OK. Then, after a while, signals start to sound raspy on
receive. When I transmit, people tell me my signal sounds raspy,
almost like raw AC on CW. The problem just started again a few minutes
ago, so I listened to some SSB and AM signals and they all sounded
raspy, too, so it affects everything.

I've been using a PS-50 power supply for almost 20 years with the
radio. The power supply has been fine. I haven't tried swapping out
power supplies to see if that takes care of it, but I suppose that's
the first step to take. I just wonder if I should look into any other
areas, too.

73, Zack W9SZ

12605. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 22:54:44 UTC
From: John tf
Topic: 12595 Message: 12605

I do not have the article memorized , so not sure of your 2002 reference ?
As memory goes , something like , it started about 30-40 yrs. that
counterfeit caps were being sold across the board to all kinds of products
and it could take a number of yrs. as many as 20 + or - before the affects
- leaking would show its self .
So that could be why some question of yrs. , when there were
manufactured , sold to appliance manufactures and 20 yrs. later when repair
shops started seeing the results and backtracking the whats & whys .
At least that is how I remember , not going to re-read the wiki at this
time .

John
KD0CAC

12606. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 23:03:37 UTC
From: Crownhaven
Topic: 12595 Message: 12606

OK, thanks John.

Steve, N4JQQ

On 3/5/2014 4:54 PM, John tf wrote:
> I do not have the article memorized , so not sure of your 2002
> reference ?
> As memory goes , something like , it started about 30-40 yrs. that
> counterfeit caps were being sold across the board to all kinds of
> products and it could take a number of yrs. as many as 20 + or -
> before the affects - leaking would show its self .
> So that could be why some question of yrs. , when there were
> manufactured , sold to appliance manufactures and 20 yrs. later when
> repair shops started seeing the results and backtracking the whats &
> whys .
> At least that is how I remember , not going to re-read the wiki at
> this time .
>
> John
> KD0CAC
>

12607. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-05 23:12:00 UTC
From: michael
Topic: 12595 Message: 12607

http://www.ebay.com/itm/Kenwood-TS-850S-HF-Trans-Capacitor-Replacement-Kit-/131119880509?pt=LH_DefaultDomain_0&hash=item1e875a993d

On Wednesday, March 5, 2014 6:03 PM, Crownhaven <crownhaven@...> wrote:

OK, thanks John.

Steve, N4JQQ

On 3/5/2014 4:54 PM, John tf wrote:

>I do not have the article memorized , so not sure of your 2002 reference ?
>As memory goes , something like , it started about 30-40 yrs. that counterfeit caps were being sold across the board to all kinds of products and it could take a number of yrs. as many as 20 + or - before the affects - leaking would show its self .
>   So that could be why some question of yrs. , when there were manufactured , sold to appliance manufactures and 20 yrs. later when repair shops started seeing the results and backtracking the whats & whys .
>   At least that is how I remember , not going to re-read the wiki at this time .
>
>
>John
>KD0CAC

12608. RE: TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-06 13:55:27 UTC
From: <Villy.Madsen@...>
Topic: 12595 Message: 12608

A common problem. I had it with my TS-850 as well - after it had sat on a bench with almost zero operating hours on it for about 10 years. A search on the internet for TS-850 and VCO should bring up a lot of info.

The likely problem is that the main VCO trimmer needs to be adjusted. Lots of documentation on the internet on how to do that. In my case, it fixed it for a while, and then a shorter while..... etc
Thr trimmer looks like a 10 cent plastic job - it's a real pain to replace if you are not comfortable raging around inside your radio. What I ended up doing (with a lot of trepidation) was replacing the trimmer with a surplus piston cap. Worked like a dream - but getting the VCO module off the board needed a significant soldering iron - the old fashioned variety.
There are a number of VCOs one the same board, and it would probably be worth checking that they are all aligned. The service manual has the procedure. For some reason, the caps on those VCOs don't seem to cause problems.

Villy VE6SQ

12609. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-06 14:07:36 UTC
From: <Villy.Madsen@...>
Topic: 12595 Message: 12609

That's my understanding as well. Additionally, some of the caps in the 780 appear to be a little under spec'd and should be replaced. A search on the internet reveals articles talking about a number of them. When I had to replace the battery in the TS-850, I replaced all of the CAPS in that part of the radio as well. It would also appear that replacing the Surface Mount caps on the CAR board is a wise investment and the audio output cap seems to have a bad rep as well.

I did buy the replacement CAP kit from the VE3 gent who advertises on eBay, but haven't go around to replacing the rest of the CAPs. The DX100 was a LOT less stressful to work on <G> as long as I remembered to drain the power supply caps before sticking my fingers in <G>

Villy VE6SQ

12610. Re: [TS-850_450_690] RE: TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-06 14:59:04 UTC
From: Zack Widup
Topic: 12595 Message: 12610

Thanks Villy. What's puzzling to me is that when I first turn on the radio, it's fine. I sat and listened last night (didn't transmit) and the harsh sounding tones on received CW didn't start till about 35 minutes after I turned the radio on. But when I transmit, it seems to come on faster. It starts in 10 or 15 minutes in that case. So I'm guessing heat enters into it. On transmit, more heat is being generated in the radio. This morning, I had it on for about 5 minutes before I left for work and it sounded fine again in that time period.

I might as well do the capacitor overhaul and also replace the battery while I'm inside it. Hopefully I will get some more years of use out of it then.

73, Zack W9SZ

On Thu, Mar 6, 2014 at 7:55 AM, <Villy.Madsen@...> wrote:

>
>
> A common problem. I had it with my TS-850 as well - after it had sat on a
> bench with almost zero operating hours on it for about 10 years. A search
> on the internet for TS-850 and VCO should bring up a lot of info.
>
>
>
> The likely problem is that the main VCO trimmer needs to be adjusted.
> Lots of documentation on the internet on how to do that. In my case, it
> fixed it for a while, and then a shorter while..... etc
>
> Thr trimmer looks like a 10 cent plastic job - it's a real pain to replace
> if you are not comfortable raging around inside your radio. What I ended
> up doing (with a lot of trepidation) was replacing the trimmer with a
> surplus piston cap. Worked like a dream - but getting the VCO module off
> the board needed a significant soldering iron - the old fashioned variety.
>
> There are a number of VCOs one the same board, and it would probably be
> worth checking that they are all aligned. The service manual has the
> procedure. For some reason, the caps on those VCOs don't seem to cause
> problems.
>
>
>
> Villy VE6SQ
>
>
>

12611. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-06 04:38:51 UTC
From: <myyahoo@...>
Topic: 12595 Message: 12611

Counterfeit parts - from capacitors to integrated circuits and beyond - have been a problem for many years. ICs that have been removed from circuit boards, and re-marked - often with speed or temperature ranges that don't match the original part - are common. Substandard capacitors became rampant about 10 years ago, so bad that the Abit company (motherboard manufacturer) went out of business. (I was an unfortunate customer - Abit built really great motherboards until they were sabotaged!)
More nefarious things have occurred, it's likely one of the reasons that Intel built a new North American manufacturing plant, I'm willing to bet that they're getting a lot of government contracts, when most silicon is being produced in parts of the world that aren't all that Western-friendly.
There are supply-chain standards and processes to help alleviate this, and I would suggest that for anything that you really value that you obtain your parts from reputable vendors that have good supply-chain management (in North America, this means most of the big ones like Digi-Key, Mouser, Arrow, the Farnell affiliiates and such), and don't trust the cheap caps from Asia. (Fine for prototypes and throw-aways. I buy them too, for these purposes, but never put them in my rigs! :-)
I pay the small premium for parts when they're going into my cherished rigs (and the rigs of friends).
I work for a large, US-based high-tech company, and following security issues is part of my job. If you think that I'm being paranoid - this is me at my least paranoid, 'real life' is far more serious than ham radio - but personally, I intend to keep my rigs working too!
For the amount of work that goes into a typical rig repair, the cost of validated parts is insignificant. If you're paying someone else to do it - infinitesimal! My real peeve is that Kenwood, over the years, has put underated parts into some of its circuits and this has bitten me on more that one occasion. Such parts will often work for years and then eventually die from too much 'bruising'. There's no excuse for poor engineering. 5 volt parts in 5 volt circuits - or 10 volt parts in 12 volt (inductive) circuits! This should never happen. It's capacitor roulette - sooner or later, they're gonna die. The audio output circuit of the TS-850 is a perfect example. Using a 10 volt cap for AC decoupling of the speaker on a 13 volt power line? If your TS-850 hasn't died yet, put in a 25 volt cap now before it goes... It almost certainly will.

73, Richard, VE7CVS

12612. Re: [TS-850_450_690] TS-850 problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-07 04:15:59 UTC
From: Zack Widup
Topic: 12595 Message: 12612

The serial number on my unit is 40400336.

I took the covers off but haven't gotten to the CAR board yet. It seems there is a lot of emphasis on replacing the caps on the CAR board. Are there any others on other boards that are likely to go bad? Looking over the boards that I can see without disassembling anything further, all the caps on those look good and are not leaking.

I did a few mods to it some years ago. I opened it up for transmitting across the shortwave spectrum, because that is the only way I knew to make it transmit on the 60 meter band (fun band!). I also bypassed the internal BCB attenuator per instructions I found in several places. I didn't do the noise blanker mod, so I might as well do that while I have it apart.

73, Zack W9SZ

On 3/5/14, John tf <john.faughn@...> wrote:
> Need more info , giving us the ser. # , because of the issue with
> counterfeit
> capacitors in the early numbers , if I remember 6 million or less .
> Then if earlier the issue of caps damaging the chips on the carr board .
> You should have a collection of notes , repairs , issues etc. for internet
> searches , then read through those to see if any issues have a regular
> known occurrence and repair .
>
> John
> KD0CAC
>
>
> On Wed, Mar 5, 2014 at 7:51 AM, Zack Widup <w9sz.zack@...> wrote:
>
>>
>>
>> Hi,
>>
>> My TS-850 has developed a problem and I thought maybe one of you might
>> know where to look. It mainly shows up on CW but the problem is there
>> on other modes.
>>
>> Usually, when I first turn it on after it's been off for a while, it
>> seems OK. Then, after a while, signals start to sound raspy on
>> receive. When I transmit, people tell me my signal sounds raspy,
>> almost like raw AC on CW. The problem just started again a few minutes
>> ago, so I listened to some SSB and AM signals and they all sounded
>> raspy, too, so it affects everything.

>>
>> I've been using a PS-50 power supply for almost 20 years with the
>> radio. The power supply has been fine. I haven't tried swapping out
>> power supplies to see if that takes care of it, but I suppose that's
>> the first step to take. I just wonder if I should look into any other
>> areas, too.
>>
>> 73, Zack W9SZ
>>
>>
>

12613. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-07 22:12:55 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12613

My thanks to Clif at AVVid. I described the symptoms to him off line and he diagnosed the problem perfectly. C104, an aluminum electrolytic, had failed and was leaking and causing havoc in the area of the three 455Khz IF filters on the IF board. Thanks again to all.

Tom
AF8P

Sent from Yahoo Mail on Android

12614. Re: [TS-850_450_690] TS-450SAT Audio Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-07 23:51:46 UTC
From: Crownhaven
Topic: 11825 Message: 12614

Clif is the best. I have sent numerous radios to him, all Kenwoods,
over the years and will continue to do so in spite of FedEx. (private joke)

Steve, N4JQQ

On 3/7/2014 4:12 PM, tjwaraksa@... wrote:
>
> My thanks to Clif at AVVid. I described the symptoms to him off line
> and he diagnosed the problem perfectly. C104, an aluminum
> electrolytic, had failed and was leaking and causing havoc in the area
> of the three 455Khz IF filters on the IF board. Thanks again to all.
>
> Tom
> AF8P
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
> ---
> *From: * Jordan Arndt <Outposter30@...>;
> *To: * <TS-850_450_690@yahoogroups.com>;
> *Subject: * Re: [TS-850_450_690] TS-450SAT Audio Issue
> *Sent: * Tue, Mar 4, 2014 8:54:37 PM
>
> □
>
> I believe you're hearing the effects of intermittent DC as a capacitor
> (mostly likely a coupling cap) is breaking down.
> SInce the level varies with AF and RF controls, it is most likely in
> the IF or AGC cktry.
> If you are fortunate, you might be able to trigger the noise by
> tapping on any suspect caps. You might provoke the same effect by
> tapping on the filter cases also, but I won't guarantee you success.
> I don't recall having heard of or seen one of those Murata filters go
> bad, but there's always a first time....
> 73..Jordan VE6ZT
>
> ----- Original Message -----
> *From:* tjwaraksa@...
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Tuesday, March 04, 2014 12:47 PM
> *Subject:* Re: [TS-850_450_690] TS-450SAT Audio Issue
>

> Jordan,
>
> Thanks for the input. Can you please expand on your idea of the
> leaky cap? Not sure how a leaky cap could create the lightning
> crash sound effects. Be as technical as you like.
>
> Thanks and 73,
>
> Tom AF8P
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
> ---
> *From: *Jordan Arndt <Outposter30@...>;
> *To: *<TS-850_450_690@yahoogroups.com>;
> *Subject: *Re: [TS-850_450_690] TS-450SAT Audio Issue
> *Sent: *Tue, Mar 4, 2014 6:06:42 PM
>
> □
>
> That sounds like a leaky capacitor to me.....73...Jordan VE6ZT
>
> ----- Original Message -----
> *From:* tjwaraksa@...
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Tuesday, March 04, 2014 10:54 AM
> *Subject:* Re: [TS-850_450_690] TS-450SAT Audio Issue
>
> Dave and Group,
>
> I have located three crystal filters on the 455 khz IF board.
> They are labeled as follows:
>
> CF1: small plastic cube, labeled 5_5F
> CF2: small plastic cube, labeled 55HT
> CF3: larger metal can, labeled CFJ455K-15
>
> Don't have a service manual so I don't have a schematic
> (X48-3090-00). Do I need to measure them in or out of circuit.
> I would think out. Again, the problem is intermittent right now.
>
> Thanks for insight.
>
> 73,
>
> Tom AF8P
>

> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
> ---
> *From: *dmueller421@... <dmueller421@...>;
> *To: *<TS-850_450_690@yahoogroups.com>;
> *Subject: *[TS-850_450_690] TS-450SAT Audio Issue
> *Sent: *Tue, Mar 4, 2014 12:17:16 AM
>
> I don't have my service manual handy, so I may be completely
> off base here.
>
> The Yaesu FT-857 has a similar symptom when the ceramic IF
> filters fail. Yaesu made a design error and applies the diode
> switching DC to the filters, against the manufacturer's
> recommendations. It's a common failure, and causes the same
> static crashes. Check for resistance on the input and output
> pins to ground. Should be tens of kilo ohms. The faulty
> filter's I've replaced have been a few ohms. The AM filter is
> the culprit, but it affects SSB as well. The filters are a
> few dollars (small Toko 455 KHz ones). I'm not saying there's
> a flaw in the Kenwood design, just that they have similar
> symptoms to your problem.
>
> Good luck
> Dave AA3EE
>
>
> ---In TS-850_450_690@yahoogroups.com, <tjwaraksa@...> wrote:
>
> Dear Group,
>
> An audio issue started on my 450 this week. Sounds like
> lightning crash static. Happens intermittently. When it occurs
> I hear it equally on all bands and all frequncies. It
> increases in volume as I increase RF and/or AF gain. Sometimes
> it appears to force the AGC to be affected as all normal
> stations instantly drop in amplitude for several seconds at a
> time by many s units. Disconnected everything from the rig
> except power...still there. Switched from a power supply to a
> battery...still there.
>
> Any ideas? Thanks very much.
>
> 73,
>
> Tom AF8P
>

> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
>

12615. RE: Tuner Gear Lube

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 13:53:32 UTC
From: <dmueller421@...>
Topic: 11825 Message: 12615

Tom, I'm glad you were able to figure it out. For anyone searching the thread in the future, you test the filters in circuit. They should have input and output coupling caps, so should show infinity to ground, or at least more than 10K ohms. Out of circuit, they show infinity to ground. The Toko filters I pulled from a Yaesu had corrosion inside. They were small plastic cased ones. Someone online actually took one apart and cleaned it successfully. For $4, it was easier to replace :-)

73, Dave AA3EE

12616. Re: [TS-850_450_690] RE: Tuner Gear Lube

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 16:55:20 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12616

Thanks Dave. Since the leaky cap, C104, is right next to the three 455khz crystal filters, Clif recommended removing all three filters, cleaning them and the pcb under them and confirm all tracks and vias are not damaged. Hoping for success. Thanks to all. I will post more if I find anything else. 73,

Tom AF8P

Sent from Yahoo Mail on Android

12617. DSP-100 cuts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 18:10:37 UTC
From: Kurt Cathcart. KR2C
Topic: 12617 Message: 12617

I'm using a DSP-100 with my TS-850. It has been running great until recently. After a bit of time, with the RX button engaged, the receive audio drops out. turning the RX button off then on again will sometimes clear the problem. But as time goes on, it seems that doing this becomes less and less effective. I'm guessing a heat problem? Does anybody have an idea where I should start looking?

--

-Kurt
KR2C

12618. Re: [TS-850_450_690] DSP-100 cuts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 18:38:08 UTC
From: kkyahoo
Topic: 12617 Message: 12618

Kurt,

First thing I would check is the power supply. Put a scope on the supply lines if possible and check if they are clean and free of ripple. CN2 on the psu output is where you want to be looking. The supplies are 8V and 15V.

73

Kevin

G8LYV
----- Original Message -----
From: Kurt Cathcart. KR2C
To: ts-850_450_690@yahoogroups.com
Sent: Saturday, March 08, 2014 6:10 PM
Subject: [TS-850_450_690] DSP-100 cuts out

I'm using a DSP-100 with my TS-850. It has been running great until
recently. After a bit of time, with the RX button engaged, the receive
audio drops out. turning the RX button off then on again will sometimes
clear the problem. But as time goes on, it seems that doing this
becomes less and less effective. I'm guessing a heat problem? Does
anybody have an idea where I should start looking?

--

-Kurt
KR2C

12619. Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 19:08:53 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12619

Not sure this went when I sent it earlier.

12620. Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 21:26:35 UTC
From: Jordan Arndt
Topic: 11825 Message: 12620

Tom... if you can, use a higher rated cap than the original 10v...I believe that's the rating used originally....73...Jordan VE6ZT

----- Original Message -----
From: tjwaraksa@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 08, 2014 12:08 PM
Subject: Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Not sure this went when I sent it earlier.

From: tjwaraksa@... <tjwaraksa@...>;
To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>;
Subject: Re: [TS-850_450_690] RE: Tuner Gear Lube
Sent: Sat, Mar 8, 2014 4:55:20 PM

Thanks Dave. Since the leaky cap, C104, is right next to the three 455khz crystal filters, Clif recommended removing all three filters, cleaning them and the pcb under them and confirm all tracks and vias are not damaged. Hoping for success. Thanks to all. I will post more if I find anything else. 73,

Tom AF8P

Sent from Yahoo Mail on Android

From: dmueller421@... <dmueller421@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: [TS-850_450_690] RE: Tuner Gear Lube
Sent: Sat, Mar 8, 2014 1:53:32 PM

Tom, I'm glad you were able to figure it out.

For anyone searching the thread in the future, you test the filters in circuit. They should have input and output coupling caps, so should show infinity to ground, or at least more than 10K ohms. Out of circuit, they show infinity to ground. The Toko filters I pulled from a Yaesu had corrosion inside. They were small plastic cased ones. Someone online actually took one apart and cleaned it successfully. For $4, it was easier to replace :-)

73, Dave AA3EE

12621. Re: [TS-850_450_690] DSP-100 cuts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 21:53:03 UTC
From: Joop!
Topic: 12617 Message: 12621

Kurt Cathcart. KR2C schreef op 8-3-2014 19:10:
>
> I'm using a DSP-100 with my TS-850. It has been running great until
> recently. After a bit of time, with the RX button engaged, the receive
> audio drops out. turning the RX button off then on again will sometimes
> clear the problem. But as time goes on, it seems that doing this
> becomes less and less effective. I'm guessing a heat problem? Does
> anybody have an idea where I should start looking?
>
> --
>
> -Kurt
> KR2C
>
>
Re-solder all the connectors at the motherboard.
Known item is that all the connectors are placed directly on the
motherboard, and all the force used of putting/pulling plugs is a
direct hit on the solder connections.
Do the switches as well!

73, Joop / PD2JAM

12622. Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-08 22:42:07 UTC
From: tjwaraksa@yahoo.com
Topic: 11825 Message: 12622

Jordan,

A 470uF, 10v was in there. I don't have a schematic for the IF, so I don't know how the cap is used or what the typical ckt voltage is for C104. 16V would not be a problem to find.

I looked for a schematic in the group archives with no luck. Thanks.

73,

Tom AF8P

Sent from Yahoo Mail on Android

12623. Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-09 11:35:40 UTC
From: Jordan Arndt
Topic: 11825 Message: 12623

Tom...A 16v cap is better than a 10v cap...That cap is coupling for the audio outchip chip...

73...Jordan VE6ZT

----- Original Message -----
From: tjwaraksa@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 08, 2014 4:42 PM
Subject: Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Jordan,

A 470uF, 10v was in there. I don't have a schematic for the IF, so I don't know how the cap is used or what the typical ckt voltage is for C104. 16V would not be a problem to find.

I looked for a schematic in the group archives with no luck. Thanks.

73,

Tom AF8P

Sent from Yahoo Mail on Android

From: Jordan Arndt <Outposter30@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed
Sent: Sat, Mar 8, 2014 9:26:35 PM

☐

Tom... if you can, use a higher rated cap than the original 10v...I believe that's the rating used originally....73...Jordan VE6ZT

----- Original Message -----
From: tjwaraksa@...
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 08, 2014 12:08 PM
Subject: Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Not sure this went when I sent it earlier.

From: tjwaraksa@... <tjwaraksa@...>;
To: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>;
Subject: Re: [TS-850_450_690] RE: Tuner Gear Lube
Sent: Sat, Mar 8, 2014 4:55:20 PM

Thanks Dave. Since the leaky cap, C104, is right next to the three 455khz crystal filters, Clif recommended removing all three filters, cleaning them and the pcb under them and confirm all tracks and vias are not damaged. Hoping for success. Thanks to all. I will post more if I find anything else. 73,

Tom AF8P

Sent from Yahoo Mail on Android

From: dmueller421@... <dmueller421@...>;
To: <TS-850_450_690@yahoogroups.com>;
Subject: [TS-850_450_690] RE: Tuner Gear Lube
Sent: Sat, Mar 8, 2014 1:53:32 PM

Tom, I'm glad you were able to figure it out.

For anyone searching the thread in the future, you test the filters in circuit. They should have input and output coupling caps, so should show infinity to ground, or at least more than 10K ohms. Out of circuit, they show infinity to ground. The Toko filters I pulled from a Yaesu had corrosion inside. They were small plastic cased ones. Someone online actually took one apart and cleaned it successfully. For $4, it was easier to replace :-)

73, Dave AA3EE

12624. Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-09 18:19:19 UTC
From: <myyahoo@...>
Topic: 11825 Message: 12624

I'd actually recommend a 25 volt cap in that position - it's a 13 volt rail driving an inductive load (the speaker).

- Richard, VE7CVS

12625. New Yahoo User Group *All about RF Ground Radials*

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-10 21:55:57 UTC
From: <kb8nty@...>
Topic: 12625 Message: 12625

Just wanted to share information of a new Yahoo user group.
https://groups.yahoo.com/neo/groups/groundradial/conversations/messages
https://groups.yahoo.com/neo/groups/groundradial/conversations/messages

It is specifically for RF Ground Radial talk...Anything and everything about "ground radials"
A public group so registering and waiting for approval just to take part is not required!

Stop by to check it out, join in and share your experiences or ask for help!

-73- Ross KB8NTY
https://groups.yahoo.com/neo/groups/groundradial/conversations/messages
https://groups.yahoo.com/neo/groups/groundradial/conversations/messages

http://www.rossradio.net/ http://www.rossradio.net/

12626. TS-450S Alignment Cable for setting 10 MHZ frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-10 21:00:33 UTC
From: <YAMAHAXS650H@...>
Topic: 12626 Message: 12626

TS-450S Alignment Cable for setting 10 MHZ frequency.
Anybody have an extra alignment cable for the TS-450S?
Or, is it a straight through cable that I can make or is it something special?
I know there was a Kenwood official change in the cable and connections and I have that service advice, but I still need a cable or schematic of one.

Alan, NY2G

12627. RE: [TS-850_450_690] TS-450S Alignment Cable for setting 10 MHZ frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-11 14:43:43 UTC
From: Mike - AA1AR
Topic: 12626 Message: 12627

I have the original cable. It’s just a piece of insulated wire with a plug on each end that will fit over the pin on the pc board. When I couldn’t find the cable, I used a “clip-lead”. My radio’s serial number is 601xxxx, so I’m not sure why I don’t have the updated cable referred to in the service bulletin. Maybe they installed the capacitor in later models and went back to the old cable??

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of YAMAHAXS650H@...
Sent: Monday, March 10, 2014 5:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S Alignment Cable for setting 10 MHZ frequency

TS-450S Alignment Cable for setting 10 MHZ frequency.

Anybody have an extra alignment cable for the TS-450S?

Or, is it a straight through cable that I can make or is it something special?

I know there was a Kenwood official change in the cable and connections and I have that service advice, but I still need a cable or schematic of one.

Alan, NY2G

12628. TS-850 overhaul

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-14 02:58:28 UTC
From: Zack Widup
Topic: 12628 Message: 12628

I got all the electrolytic capacitors I need to replace the ones in the unit. I should dig into it on Saturday. Hopefully replacing the caps and aligning the VCO will take care of the harsh tone problem on CW I've had.

What is the recommended battery to replace the memory battery that's in the unit?

73, Zack W9SZ

12629. TS 850 FM Carrier

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-16 14:40:37 UTC
From: <m6gbt@...>
Topic: 12629 Message: 12629

Hello
Just noticed an issue with my TS850 When on FM I am getting the following readings under the red ALC bar

10m 50
12m 50
15m 60
17m 125
20m 25
30m 60
40m 50
80m 125
I have to keep adjusting the CAR button does anyone know what is causing this and if it can be easily corrected? Power output is constant, does not rise and fall, had caps done not so long ago.

Thanks
Pete

12630. Re: [TS-850_450_690] TS850 Mic feedback with DSP unit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-16 18:04:31 UTC
From: <m6gbt@...>
Topic: 12370 Message: 12630

Hi Jim Just picked up your reply sorry i did not log in sooner, Thanks very much for the info I will try this and see if the results are positive :-) 73 Pete

12631. memory problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-18 00:54:09 UTC
From: <wt4t@...>
Topic: 12631 Message: 12631

I have changed the battery several times in my 850,in fact moved it to a easy place. About once in 3 months the rig defaults to 140000 and memory is lost . using the rig all returns to normal for another 3 months. a check of the battery is good. Any ideas as to the problem. thanks
dale wt4t

12632. Digital Recording Unit - TS850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-21 16:37:47 UTC
From: <jtjc810@...>
Topic: 12632 Message: 12632

My 850 is fitted with the DRU and it works fine with paddles connected and the built-in keyer enabled. I got new paddles and decided to try the "BUG" mode in the initial settings menu (#24) and I was surprised to find that the DRU memories did not work anymore.
As soon as I switch the "BUG" mode off, the DRU memories were working.
Has anyone had this experience, and is there a work-around to have the DRU messages available when the "BUG" mode is enabled ?
Thanks
Joe WR2B

12633. WANTED: DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-22 19:43:50 UTC
From: <wolobmp@...>
Topic: 12633 Message: 12633

Hello all. Looking for a Kenwood DSP-100 unit. Must be in excellent to mint condition only with no mods with original cables. Please provide your serial number, photo of the unit and price. CONUS only please. Thank you, 73..Mike

12634. Re: WANTED: DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 04:46:00 UTC
From: <telboy_vhs@...>
Topic: 12633 Message: 12634

Hi MiKe, I have a mint DSP-100 boxed as new with all the parts. Comes complete with my 850SAT though.

Are you in the UK?

Cheers,
Terry G0VHS

12635. QSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 09:24:33 UTC
From: Victor Schensnovich
Topic: 12635 Message: 12635

Hi friends. I am newer to the group. My ts-690s is on the way to me. I am CW man and who knows, is it possible to work full QSK, if to adjust DELAY to the minimum?
--
73/72 - Victor, UA1CEX.

12636. RE: [TS-850_450_690] QSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 15:55:07 UTC
From: Curt Wilbur
Topic: 12635 Message: 12636

Hi Victor...
Turn the VOX on and turn the DELAY down to control how much time you want for QSK.

73 de Curt K7CU
Vice President, Utah DX Association
CQ Awards Checkpoint/Utah

From: ua1cex@...
To: TS-850_450_690@yahoogroups.com
Date: Mon, 24 Mar 2014 13:24:33 +0400
Subject: [TS-850_450_690] QSK

Hi friends. I am newer to the group. My ts-690s is on the way to me. I am CW man and who knows, is it possible to work full QSK, if to adjust DELAY to the minimum?
--

73/72 - Victor, UA1CEX.

12637. Re[2]: [TS-850_450_690] QSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 15:59:54 UTC
From: Victor Schensnovich
Topic: 12635 Message: 12637

Ok, Curt. If I do DELAY down to the end, does it work in full QSK? Is it possible to hear air between dots?
--
73/72 - Victor, UA1CEX.
понедельник, 24 марта 2014г., 19:55 +0400 от Curt Wilbur <k7cu@hotmail.com>:

Hi Victor...
Turn the VOX on and turn the DELAY down to control how much time you want for QSK.
73 de Curt K7CU
Vice President, Utah DX Association
CQ Awards Checkpoint/Utah

From: ua1cex@mail.ru
To: TS-850_450_690@yahoogroups.com
Date: Mon, 24 Mar 2014 13:24:33 +0400
Subject: [TS-850_450_690] QSK

Hi friends. I am newer to the group. My ts-690s is on the way to me. I am CW man and who knows, is it possible to work full QSK, if to adjust DELAY to the minimum?
--
73/72 - Victor, UA1CEX.

12638. RE: Re[2]: [TS-850_450_690] QSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 19:00:59 UTC
From: Curt Wilbur
Topic: 12635 Message: 12638

Victor: you should be able to hear between dots unless you're sending about 60wpm!

73 de Curt K7CU
Vice President, Utah DX Association
CQ Awards Checkpoint/Utah

From: ua1cex@...
To: TS-850_450_690@yahoogroups.com
Date: Mon, 24 Mar 2014 19:59:54 +0400
Subject: Re[2]: [TS-850_450_690] QSK

Ok, Curt. If I do DELAY down to the end, does it work in full QSK? Is it possible to hear air between dots?
--

73/72 - Victor, UA1CEX.

понедельник, 24 марта 2014г., 19:55 +0400 от Curt Wilbur <k7cu@...>:

Hi Victor...

Turn the VOX on and turn the DELAY down to control how much time you want for QSK.
73 de Curt K7CU

Vice President, Utah DX Association

CQ Awards Checkpoint/Utah

From: ua1cex@...

To: TS-850_450_690@yahoogroups.com

Date: Mon, 24 Mar 2014 13:24:33 +0400

Subject: [TS-850_450_690] QSK

Hi friends. I am newer to the group. My ts-690s is on the way to me. I am CW man and who knows, is it possible to work full QSK, if to adjust DELAY to the minimum?

--

73/72 - Victor, UA1CEX.

12639. Re[4]: [TS-850_450_690] QSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 19:04:18 UTC
From: Victor Schensnovich
Topic: 12635 Message: 12639

Ok, Curt. Thank you very much!!!
--
73/72 - Victor, UA1CEX.
понедельник, 24 марта 2014г., 23:00 +0400 от Curt Wilbur <k7cu@hotmail.com>:

Victor: you should be able to hear between dots unless you're sending about 60wpm!
73 de Curt K7CU
Vice President, Utah DX Association
CQ Awards Checkpoint/Utah

From: ua1cex@mail.ru
To: TS-850_450_690@yahoogroups.com
Date: Mon, 24 Mar 2014 19:59:54 +0400
Subject: Re[2]: [TS-850_450_690] QSK

Ok, Curt. If I do DELAY down to the end, does it work in full QSK? Is it possible to hear air between dots?
--
73/72 - Victor, UA1CEX.
понедельник, 24 марта 2014г., 19:55 +0400 от Curt Wilbur <k7cu@hotmail.com>:

Hi Victor...
Turn the VOX on and turn the DELAY down to control how much time you want for QSK.
73 de Curt K7CU
Vice President, Utah DX Association
CQ Awards Checkpoint/Utah

From: ua1cex@mail.ru
To: TS-850_450_690@yahoogroups.com
Date: Mon, 24 Mar 2014 13:24:33 +0400
Subject: [TS-850_450_690] QSK

Hi friends. I am newer to the group. My ts-690s is on the way to me. I am CW man and who knows, is it possible to work full QSK, if to adjust DELAY to the minimum?
--
73/72 - Victor, UA1CEX.

12640. Re: WANTED: DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 21:39:31 UTC
From: <wolobmp@...>
Topic: 12633 Message: 12640

Terry,

I am located here in US and only looking for the DSP-100. Would you sell the DSP-100 by itself and ship to USA?

12641. Re: [TS-850_450_690] DSP-100 cuts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-24 21:55:34 UTC
From: Kurt Cathcart. KR2C
Topic: 12617 Message: 12641

Just as a follow up.

I found a crystal in the DSP-100 that was loose. As a matter of fact, it looks like it was never soldered. I soldered it up and it's been running fine for a few days now.

-Kurt
KR2C

On 3/8/2014 1:10 PM, Kurt Cathcart. KR2C wrote:
>
> I'm using a DSP-100 with my TS-850. It has been running great until
> recently. After a bit of time, with the RX button engaged, the receive
> audio drops out. turning the RX button off then on again will sometimes
> clear the problem. But as time goes on, it seems that doing this
> becomes less and less effective. I'm guessing a heat problem? Does
> anybody have an idea where I should start looking?
>
> --
>
> -Kurt
> KR2C
>
>

--

-Kurt
KR2C

12642. TS-450 sub encoder w02-1687-15

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-25 03:21:52 UTC
From: <kc2mbv@...>
Topic: 12642 Message: 12642

My M.CH/VFO.CH knob has become almost useless unless I want to go 5 up or down, no more - no less. I've taken apart the encoder and stripped it down to the PC board to no avail. I've come to the conclusion that it's not dirty, just worn out.

I've searched this group, checked East Coast Transistor and other parts houses but no one seems to stock this part any longer. Does anyone know of a suitable replacement? Did I miss a supplier? Do I have to buy a "for parts only" unit?

Standing by for any call...

Frank.

12643. Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-25 12:48:04 UTC
From: ik8vze
Topic: 12642 Message: 12643

test with this friend,
http://www.ebay.it/itm/TS-450-ENCODER-W02-1836-15-KENWOOD-ORIGINAL-TS-850-TS-690-TS-950-DIAL-/261369501815?pt=LH_DefaultDomain_186&hash=item3cdad61877
is a frequent replacement which is often the fault, rarely are dirty, you should remove the entire front panel, do utmost care is all plastic and brittle, apathetic is just the screw must be tightened well and still on the chassis
73 bye de ik8vze & ac2lc Espedito Rizzuti

----- Original Message -----
From: kc2mbv@...
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 25, 2014 4:21 AM
Subject: [TS-850_450_690] TS-450 sub encoder w02-1687-15

My M.CH/VFO.CH knob has become almost useless unless I want to go 5 up or down, no more - no less. I've taken apart the encoder and stripped it down to the PC board to no avail. I've come to the conclusion that it's not dirty, just worn out.

I've searched this group, checked East Coast Transistor and other parts houses but no one seems to stock this part any longer. Does anyone know of a suitable replacement? Did I miss a supplier? Do I have to buy a "for parts only" unit?

Standing by for any call...

Frank.

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12644. Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-25 14:45:55 UTC
From: Frank Raffaele
Topic: 12642 Message: 12644

Grazie Espedito, but that's the wrong encoder. That one is for the main
tuning knob.

F.R.

On 3/25/2014 8:48 AM, ik8vze wrote:
>
> ???
>
> test with this friend,
> http://www.ebay.it/itm/TS-450-ENCODER-W02-1836-15-KENWOOD-ORIGINAL-TS-850-TS-690-TS-950-DIAL-/261369501815?pt=LH_DefaultDomain_186&hash=item3cdad61877
>
> is a frequent replacement which is often the fault, rarely are dirty,
> you should remove the entire front panel, do utmost care is all
> plastic and brittle, apathetic is just the screw must be tightened
> well and still on the chassis
> 73 bye de ik8vze & ac2lc Espedito Rizzuti
>
> ----- Original Message -----
> *From:* kc2mbv@... <mailto:kc2mbv@...>
> *To:* TS-850_450_690@yahoogroups..com
> <mailto:TS-850_450_690@yahoogroups.com>
> *Sent:* Tuesday, March 25, 2014 4:21 AM
> *Subject:* [TS-850_450_690] TS-450 sub encoder w02-1687-15
>
> My M.CH/VFO.CH knob has become almost useless unless I want to go
> 5 up or down, no more - no less. I've taken apart the encoder and
> stripped it down to the PC board to no avail. I've come to the
> conclusion that it's not dirty, just worn out.
>
>
> I've searched this group, checked East Coast Transistor and other
> parts houses but no one seems to stock this part any longer. Does
> anyone know of a suitable replacement? Did I miss a supplier? Do
> I have to buy a "for parts only" unit?
>
> Standing by for any call...
>
> Frank.
>
>
>
>
> --

> <http://www.avast.com/>
>
> Questa e-mail ?? priva di virus e malware perch?? ?? attiva la
> protezione avast! Antivirus <http://www.avast.com/> .
>
>
>

12645. Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-25 13:51:45 UTC
From: michael
Topic: 12642 Message: 12645

Frank,
I get all my replacements via ebay...

http://www.ebay.com/itm/Kenwood-TS-850-VFO-encoder-in-Excellent-shape-/231043936413?pt=LH_DefaultDomain_0&hash=item35cb4ab09d

On Tuesday, March 25, 2014 8:48 AM, ik8vze <ik8vze@...> wrote:

☐
test with this friend,
http://www.ebay.it/itm/TS-450-ENCODER-W02-1836-15-KENWOOD-ORIGINAL-TS-850-TS-690-TS-950-DIAL-/261369501815?pt=LH_DefaultDomain_186&hash=item3cdad61877
is a frequent replacement which is often the
fault, rarely are
dirty, you should remove the entire front panel, do utmost care is all plastic and brittle, apathetic is
just the screw must be
tightened well and still on the chassis
73 bye de ik8vze & ac2lc Espedito Rizzuti

----- Original Message -----
>From: kc2mbv@...
>To: TS-850_450_690@yahoogroups..com
>Sent: Tuesday, March 25, 2014 4:21 AM
>Subject: [TS-850_450_690] TS-450 sub encoder w02-1687-15
>
>
>My M.CH/VFO.CH knob has become almost useless unless I want to go 5 up or down, no more - no less. I've taken apart the encoder and stripped it down to the PC board to no avail. I've come to the conclusion that it's not dirty, just worn out.
>
>
>I've searched this group, checked East Coast Transistor and other parts houses but no one seems to stock this part any longer. Does anyone know of a suitable replacement? Did I miss a supplier? Do I have to buy a "for parts only" unit?
>
>
>Standing by for any call...
>
>
>Frank.
>
>
>
>
>
>
>>_____

>
> Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .
>

12646. Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-25 15:19:58 UTC
From: Jordan Arndt
Topic: 12642 Message: 12646

My 450S vfo CH encoder was flaky too...until I disassembled it and got rid of the dust in the encoder wheel openings....Still works like a charm 8 years later....

73...Jordan VE6ZT

----- Original Message -----
From: michael
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 25, 2014 7:51 AM
Subject: Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Frank,
I get all my replacements via ebay...

http://www.ebay.com/itm/Kenwood-TS-850-VFO-encoder-in-Excellent-shape-/231043936413?pt=LH_DefaultDomain_0&hash=item35cb4ab09d

On Tuesday, March 25, 2014 8:48 AM, ik8vze <ik8vze@...> wrote:

☐
test with this friend,
http://www.ebay.it/itm/TS-450-ENCODER-W02-1836-15-KENWOOD-ORIGINAL-TS-850-TS-690-TS-950-DIAL-/261369501815?pt=LH_DefaultDomain_186&hash=item3cdad61877
is a frequent replacement which is often the fault, rarely are dirty, you should remove the entire front panel, do utmost care is all plastic and brittle, apathetic is just the screw must be tightened well and still on the chassis
73 bye de ik8vze & ac2lc Espedito Rizzuti

----- Original Message -----
From: kc2mbv@...
To: TS-850_450_690@yahoogroups..com
Sent: Tuesday, March 25, 2014 4:21 AM
Subject: [TS-850_450_690] TS-450 sub encoder w02-1687-15

My M.CH/VFO.CH knob has become almost useless unless I want to go 5 up or down, no more - no less. I've taken apart the encoder and stripped it down to the PC board to no avail. I've come to the conclusion that it's not dirty, just worn out.

I've searched this group, checked East Coast Transistor and other parts houses but no one seems to stock this part any longer. Does anyone know of a suitable replacement? Did I miss a supplier? Do I have to buy a "for parts only" unit?

Standing by for any call...

Frank.

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

12647. Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-25 18:38:55 UTC
From: ik8vze
Topic: 12642 Message: 12647

I also think it can be just dirt dust or loose screw tightening , this is determined by wear of the potentiometer , it may be broken, I had the same problem but frank potentiometer slope -tune high low , the engineer who had viewing had diagnosed the rupture of the potentiometer , it was enough , however, the flux and cleaning with a good grasp and the defect is gone, in my case arrived at the end of the race tightening knob jumped erratically on the audio receiver , sometimes it 's passing of years and should be replaced , I believe that with a little luck you can find the ebay replacement for Frank , the only thing is the greatest calm and precision in assembly and disassembly of the entire part of the radio, you are likely to do harm unintentionally , so I happened to small buttons on the display , it was enough to watch a video on youtube, if you disassemble the front of the radio (it is not necessary as airtight) you have to put the tS -850 or similar pointing inwards towards the ' other.
good vision :
http://www.youtube.com/watch?v=JEP7IipxqME
Espedito
----- Original Message -----
From: Jordan Arndt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 25, 2014 4:19 PM
Subject: Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

☐

My 450S vfo CH encoder was flaky too...until I disassembled it and got rid of the dust in the encoder wheel openings....Still works like a charm 8 years later....

73...Jordan VE6ZT

----- Original Message -----
From: michael
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 25, 2014 7:51 AM
Subject: Re: [TS-850_450_690] TS-450 sub encoder w02-1687-15

Frank,
I get all my replacements via ebay...

http://www.ebay.com/itm/Kenwood-TS-850-VFO-encoder-in-Excellent-shape-/231043936413?pt=LH_DefaultDomain_0&hash=item35cb4ab09d

On Tuesday, March 25, 2014 8:48 AM, ik8vze <ik8vze@...> wrote:

☐
test with this friend,
http://www.ebay.it/itm/TS-450-ENCODER-W02-1836-15-KENWOOD-ORIGINAL-TS-850-TS-690-TS-950-DIAL-/261369501815?pt=LH_DefaultDomain_186&hash=item3cdad61877
is a frequent replacement which is often the fault, rarely are dirty, you should remove the entire front panel, do utmost

care is all plastic and brittle, apathetic is just the screw must be tightened well and still on the chassis
73 bye de ik8vze & ac2lc Espedito Rizzuti

----- Original Message -----
From: kc2mbv@...
To: TS-850_450_690@yahoogroups..com
Sent: Tuesday, March 25, 2014 4:21 AM
Subject: [TS-850_450_690] TS-450 sub encoder w02-1687-15

My M.CH/VFO.CH knob has become almost useless unless I want to go 5 up or down, no more - no less. I've taken apart the encoder and stripped it down to the PC board to no avail. I've come to the conclusion that it's not dirty, just worn out.

I've searched this group, checked East Coast Transistor and other parts houses but no one seems to stock this part any longer. Does anyone know of a suitable replacement? Did I miss a supplier? Do I have to buy a "for parts only" unit?

Standing by for any call...

Frank.

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12648. Re: ts-850 noise blanker mod

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-03-31 23:03:57 UTC
From: <canfielddennis@...>
Topic: 12114 Message: 12648

I would like to do the same mod to my TS 850S/at

12649. Intermittent receive problem - TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-02 23:57:10 UTC
From: Andy - KU4XR
Topic: 12649 Message: 12649

Greetings all: My first time posting to the group.. Hoping to draw from the collective knowledge..
I have the 450S, and it had started dropping out on receive intermittently.. I could jiggle the coax
connector and it would come back on.. I assumed the wire from the connector to the board was
unsoldered, and was correct.. BUT; that did not solve my intermittent receive drop-outs..
After dismantling the rig, and doing much needed cleaning, and maintenance on the inside; I put all the boards back in the rig, and powered it up,, Wah-Lah.. Nice receive.. For A Few Minutes..
then off it went... It does not affect the TX when this happens.. And here is the only peculiar thing
that " might " shed some light on the problem.. I can press the " AIP " button, and it receives !!
Turn the AIP off, and the receive goes away again... I repeatedly pressed the AIP button and the
normal receive came back on... After a short time, it dropped out again... I pressed on every
connector, and board in the rig.. Did the usual " tap -tap -tap " on boards, and components to see
if it would come back on... That accomplished nothing.. Eventually the receive came back on, and
has stayed on for almost an hour as of the time I am typing this post... I have quickly switched
through all bands... up, and down, over, and over, and the receive is holding in there.. BUT !! I am
not convinced yet that the problem is solved, and am hesitant about putting the casing back on
the rig...
One More Thing to mention... I discovered that the surge diode had also come loose from the board..
I discovered this by gently pulling on the wires on each end with needle nose pliers.. The ground
end pulled right out of the board.. I repaired that problem, and that is when the receive has stayed
on..... Still not totally convinced though... " QUESTION " Can that surge protector being loose
on the board cause the intermittent receive drop-outs ?? My mind don't think so.. because the
" AIP " should have no effect on receive if that is the case...But, I may be wrong...
I eagerly await any and all replies, and suggestions...
Thanks Gentlemen, and 73 :

Andy - KU4XR

12650. Re: [TS-850_450_690] Intermittent receive problem - TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-03 01:30:18 UTC
From: Dave Rust
Topic: 12649 Message: 12650

Andy, more than likely C104 or C103, I can't remember which is leaking. Mine did the same thing. I got a package of 10 replacements for a few bucks off Ebay and replaced the leaking cap. Problem solved. You might look back thru the files section on this website and I think you will find the fix. Board comes out easily and it is easy to replace. Or google this problem, only thing I'm not certain about is the C104 or C103 number.
Dave W0DLR

12651. Re: [TS-850_450_690] Intermittent receive problem - TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-03 13:00:18 UTC
From: Tom Waraksa
Topic: 12649 Message: 12651

Andy,

I had a similar problem with my audio. It was a leaking C104 on the IF board (next to the TO220 heatsink with clip). This is the decoupling cap that feeds the speaker, but leaked on the board and started to effect all three IF crystal filter circuits. I had to replace the cap and then remove and clean under each of the three crystal filters where the cap leakage had gone. I removed the TO220 heatsink also to make this process easier. I have pictures if you need help finding the part in question. All this was done with the help and advice of Clif at AVVID on this group.

73,

Tom AF8P
On Wednesday, April 2, 2014 9:30 PM, Dave Rust <dlrust@...> wrote:

Andy, more than likely C104 or C103, I can't
remember which is leaking. Mine did the same thing. I got a package
of 10 replacements for a few bucks off Ebay and replaced the leaking cap.
Problem solved. You might look back thru the files section on this website
and I think you will find the fix. Board comes out easily and it is easy
to replace. Or google this problem, only thing I'm not certain about is
the C104 or C103 number.
Dave W0DLR

12652. Re: Intermittent receive problem - TS450S - More Info

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-04 02:18:34 UTC
From: Andy - KU4XR
Topic: 12649 Message: 12652

Hello again all:.. Thanks to Dave, and Tom for the info on C104.. I checked mine visually and there is no leaking, or bulging of the cap.. I tapped on it to see if it affected the audio,
and it didn't.. I pulled upward on it to see if it was possibly loose in its solder joint, and it
is solid on the board.. I won't say that it's not the problem, but to clarify a bit more on my
earlier post.. First, It is still going dead, at random times.. Now by dead, I mean " All RF "
the radio goes completely silent.. No meter movement, no audio hiss, tune to a local radio station, and hear nothing at all.. It's as if the RF board just goes dead.. BUT.. push the " AIP " button and the receive comes on, push it again, and it goes off.. I can't find anything
specific that seems to cause the radio to start receiving again, OR, to stop receiving, it just does it randomly.. I hope this post describes a bit better what is going on with my rig..

Again, thanks for any, and all replies ... 73 :

Andy - KU4XR

12653. Re: [TS-850_450_690] Re: Intermittent receive problem - TS450S - More Info

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-04 12:01:45 UTC
From: Dave Rust
Topic: 12649 Message: 12653

Andy, I would reseat all he screws holding the board to the chassis, in case you have not tried that. Also, if the AIP button is suspect, try DeOxit on it. An intermittend is harder to find than if it downright quits. I have a 430s several radios back that reseating all the board screws brought it back to life. Hopefully it's just something simple that won't cost an arm and leg to fix.
Dave W0dLR

12654. Re: [TS-850_450_690] Re: Intermittent receive problem - TS450S - More Info

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-04 16:53:27 UTC
From: Bob Naylor
Topic: 12649 Message: 12654

A few years ago I had a high end tape deck that was repaired that way.
Bob WE6C

_____
From: Dave Rust <dlrust@wildblue.net>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 4, 2014 5:01 AM
Subject: Re: [TS-850_450_690] Re: Intermittent receive problem - TS450S - More Info

Andy, I would reseat all he screws holding
the board to the chassis, in case you have not tried that. Also, if the
AIP button is suspect, try DeOxit on it. An intermittend is harder to find
than if it downright quits. I have a 430s several radios back that
reseating all the board screws brought it back to life. Hopefully it's
just something simple that won't cost an arm and leg to fix.
Dave W0dLR

12655. TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-06 20:22:21 UTC
From: Zack Widup
Topic: 12655 Message: 12655

I finally got around to doing everything I wanted to do to my TS-850 this weekend. When I got to the CAR board, I found that eight of the ten 10 uF electrolytics had leaked onto the board but no board circuit traces were damaged. I replaced all of the 10 uF caps. The 47 uF cap looked good but I replaced it anyway.

I replaced the solder-in coin battery with a battery holder fastened to the aluminum wall at the front of the radio just above the noise blanker board. I can easily get to the battery there. But I am surprised I have had the radio since 1997 and never needed to replace this battery. It had not leaked and still measures 3.08 volts.

I did the noise blanker mod too.

Finally, I aligned the VCO's. It seems the LO2 VCO was the culprit in causing the harsh CW tone I've had reported as having. When I measured the voltage at the test point, I measured 2.6 volts. I set it to 5.0 volts and all is well now (no more harsh tone).

Are there any other capacitors I should pay attention to as possibly leaking or needing replacement?

73, Zack W9SZ

12656. Re: TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-06 22:43:14 UTC
From: <zclobes@...>
Topic: 12655 Message: 12656

On the 450 there's some caps surrounding some driver IC's in the auto tuner. I haven't pulled an 850 tuner to see if it's plagued too.

I've also been putting a couple mH choke across the glass arrestor bulb to eliminate static build up on the antenna port.

Zack Clobes, W0ZC

12657. Re: TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 12:37:07 UTC
From: <Villy.Madsen@...>
Topic: 12655 Message: 12657

Hi Zack
I found that the tweaking the LO2 vco cap was a temporary solution - one that became more temporary as time passed. One never knows though - you might have better luck than I did.

I am told that the audio electrolytic is one that should also be replaced. I replaced all of the electrolytics in the front panel and the CAR board - I figured that since I had it apart, I might as well bite the bullet. I bought the replacement capacitor kit from the ham on E Bay, but haven't got around to changing any more. There was no sign of leakage anywhere.

I think that the RF choke across the antenna terminals is a good idea. I did that same.

Villy VE6SQ

12658. Re: [TS-850_450_690] Re: TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 13:32:12 UTC
From: Zack Widup
Topic: 12655 Message: 12658

Thanks Villy. I'm keeping an eye on the LO2 voltage and if that capacitor acts flaky, I have a small 10 pF piston trimmer with tabs that will fit just about perfectly in that space.

I didn't touch the front panel other than to pivot it out to get to the board with the battery on it. Hopefully those caps are OK.

I didn't see any leakage from any other caps that were visible.

Made some CW QSO's last night and everyone said I sounded fine.

73, Zack W9SZ

On Mon, Apr 7, 2014 at 7:37 AM, <Villy.Madsen@...> wrote:

>
>
> Hi Zack
>
> I found that the tweaking the LO2 vco cap was a temporary solution - one
> that became more temporary as time passed. One never knows though - you
> might have better luck than I did.
>
>
>
> I am told that the audio electrolytic is one that should also be
> replaced. I replaced all of the electrolytics in the front panel and the
> CAR board - I figured that since I had it apart, I might as well bite the
> bullet. I bought the replacement capacitor kit from the ham on E Bay, but
> haven't got around to changing any more. There was no sign of leakage
> anywhere.
>
>
>
> I think that the RF choke across the antenna terminals is a good idea. I
> did that same.
>
>
>
> Villy VE6SQ
>
>
>

12659. Re: [TS-850_450_690] TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 16:39:00 UTC
From: Alan Riley
Topic: 12655 Message: 12659

Zack,

I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.

The 50 mil one has never had to have any capacitors replaced but I have had to replace several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics
on the carrier board (9 of the 11 were leaking, but no damage to the board).

I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what
appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration may have been from something else but decided to replace all them while I was in there.

C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all
four caps associated with that stage while I was in there (C187, C167, C182, and C184).

I've also done the noise blanker, cw sidetone, and battery relocation mods.

All of the new caps I put in came from Mouser.

73,
Alan, KD5R

From: Zack Widup
Sent: Sunday, April 06, 2014 3:22 PM
To: TS-850_450_690
Subject: [TS-850_450_690] TS850 tune-up

I finally got around to doing everything I wanted to do to my TS-850
this weekend. When I got to the CAR board, I found that eight of the
ten 10 uF electrolytics had leaked onto the board but no board circuit
traces were damaged. I replaced all of the 10 uF caps. The 47 uF cap
looked good but I replaced it anyway.

I replaced the solder-in coin battery with a battery holder fastened
to the aluminum wall at the front of the radio just above the noise
blanker board. I can easily get to the battery there. But I am
surprised I have had the radio since 1997 and never needed to replace
this battery. It had not leaked and still measures 3.08 volts.

I did the noise blanker mod too.

Finally, I aligned the VCO's. It seems the LO2 VCO was the culprit in
causing the harsh CW tone I've had reported as having. When I measured
the voltage at the test point, I measured 2.6 volts. I set it to 5.0
volts and all is well now (no more harsh tone).

Are there any other capacitors I should pay attention to as possibly leaking or needing replacement?

73, Zack W9SZ

12660. Re: [TS-850_450_690] TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 17:05:35 UTC
From: Bob Naylor
Topic: 12655 Message: 12660

Alan, How did you like the cw sidetone afterwards? My only complaint about my 850 is the crappy sidetone and lack of adjustability (level) from the front panel. It allows you to change the sidetone freq but not the level. I never understood that.

Last year at field day I didn't have a very good speaker so the sidetone was terrible. I use headphones 99% of the time on cw but sometimes I feel like using the speaker.
At home it's acceptable at best.

Anyway, did that mod increase the level?

Bob WE6C

From: Alan Riley <arr44@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 9:39 AM
Subject: Re: [TS-850_450_690] TS850 tune-up

Zack,

I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.

The 50 mil one has never had to have any capacitors replaced but I have had to replace
several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics
on the carrier board (9 of the 11 were leaking, but no damage to the board).

I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what
appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration
may have been from something else but decided to replace all them while I was in there.

C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all
four caps associated with that stage while I was in there (C187, C167, C182, and C184).

I’ve also done the noise blanker, cw sidetone, and battery relocation mods.

All of the new caps I put in came from Mouser.

73,
Alan, KD5R

From: Zack Widup
Sent: Sunday, April 06, 2014 3:22 PM
To: TS-850_450_690
Subject: [TS-850_450_690] TS850 tune-up

I finally got around to doing everything I wanted to do to my TS-850 this
weekend. When I got to the CAR board, I found that eight of the ten 10 uF
electrolytics had leaked onto the board but no board circuit traces were
damaged. I replaced all of the 10 uF caps. The 47 uF cap looked good but I
replaced it anyway.

I replaced the solder-in coin battery with a battery holder fastened
to the aluminum wall at the front of the radio just above the noise
blanker board. I can easily get to the battery there. But I am
surprised I have had the radio since 1997 and never needed to replace
this battery. It had not leaked and still measures 3.08 volts.

I did the noise blanker mod too.

Finally, I aligned the
VCO's. It seems the LO2 VCO was the culprit in
causing the harsh CW tone I've
had reported as having. When I measured
the voltage at the test point, I
measured 2.6 volts. I set it to 5.0
volts and all is well now (no more harsh
tone).

Are there any other capacitors I should pay attention to as possibly
leaking or needing replacement?

73, Zack W9SZ

12661. Re: [TS-850_450_690] TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 18:15:23 UTC
From: Alan Riley
Topic: 12655 Message: 12661

Bob, I highly recommend the cw sidetone mod. I don't know why Kenwood didn't incorporate this feature originally. Here are the component specs and the Mouser part numbers in case you buy the parts from them:

capacitor: 0.1 uF, 50v, Y5U, +/-20%
140-50U5-104M-RC

resistor: 330K +/- 5%, 1/4W, carbon film
291-330K-RC

It's been several years since doing the mod and I don't recall just how much the the level was boosted but I believe you will be pleased with the result. I just checked the 30 mil TS-850 and the level is adjustable from being not heard at all up to being painful.

73,
Alan, KD5R

From: Bob Naylor
Sent: Monday, April 07, 2014 12:05 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS850 tune-up

Alan, How did you like the cw sidetone afterwards? My only complaint about my 850 is the crappy sidetone and lack of adjustability (level) from the front panel. It allows you to change the sidetone freq but not the level. I never understood that.

Last year at field day I didn't have a very good speaker so the sidetone was terrible. I use headphones 99% of the time on cw but sometimes I feel like using the speaker. At home it's acceptable at best.

Anyway, did that mod increase the level?

Bob WE6C

From: Alan Riley <arr44@suddenlink.net>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 9:39 AM
Subject: Re: [TS-850_450_690] TS850 tune-up

Zack,

I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.

The 50 mil one has never had to have any capacitors replaced but I have had to replace several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics

on the carrier board (9 of the 11 were leaking, but no damage to the board).

I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what
appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration may have been from something else but decided to replace all them while I was in there.

C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all
four caps associated with that stage while I was in there (C187, C167, C182, and C184).

I've also done the noise blanker, cw sidetone, and battery relocation mods.

All of the new caps I put in came from Mouser.

73,
Alan, KD5R

From: Zack Widup
Sent: Sunday, April 06, 2014 3:22 PM
To: TS-850_450_690
Subject: [TS-850_450_690] TS850 tune-up

I finally got around to doing everything I wanted to do to my TS-850
this weekend. When I got to the CAR board, I found that eight of the
ten 10 uF electrolytics had leaked onto the board but no board circuit
traces were damaged. I replaced all of the 10 uF caps. The 47 uF cap
looked good but I replaced it anyway.

I replaced the solder-in coin battery with a battery holder fastened
to the aluminum wall at the front of the radio just above the noise
blanker board. I can easily get to the battery there. But I am
surprised I have had the radio since 1997 and never needed to replace
this battery. It had not leaked and still measures 3.08 volts.

I did the noise blanker mod too.

Finally, I aligned the VCO's. It seems the LO2 VCO was the culprit in
causing the harsh CW tone I've had reported as having. When I measured
the voltage at the test point, I measured 2.6 volts. I set it to 5.0
volts and all is well now (no more harsh tone).

Are there any other capacitors I should pay attention to as possibly
leaking or needing replacement?

73, Zack W9SZ

12662. Re: [TS-850_450_690] TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 19:46:44 UTC
From: Bob Naylor
Topic: 12655 Message: 12662

Alan, Thanks. I have mine turned all the way up which is barely OK with headphones but is sometimes a problem with my Kenwood speaker, and like I said, at field day outside, no way loud enuff with a speaker.

I have an older Icom that the sidetone varies with the AF on the front. The inside adjustment basically is adjusting the ratio between the AF vs sidetone level. I wish Kenwood would have done that.

I did forget to mention that when I use headphones, they are the 900 MHz wireless type so the AF volume is set accordingly on the rig and the AF on the headphones set. All this does change the ratio of the sidetone vs AF.

Did I describe that well enuff?

Bob WE6C

From: Alan Riley <arr44@suddenlink.net>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 11:15 AM
Subject: Re: [TS-850_450_690] TS850 tune-up

Bob, I highly recommend the cw sidetone mod. I don't know why Kenwood didn't
incorporate this feature originally. Here are the component specs and the
Mouser part numbers in case you buy the parts from them:

capacitor: 0.1 uF, 50v, Y5U, +/-20%
140-50U5-104M-RC

resistor: 330K +/- 5%, 1/4W, carbon film
291-330K-RC

It's been several years since doing the mod and I don't recall just how much the
the level was boosted but I believe you will be pleased with the result. I just
checked the 30 mil TS-850 and the level is adjustable from being not heard at all up to being painful.

73,
Alan, KD5R

From: Bob Naylor
Sent: Monday, April 07, 2014 12:05 PM
To: TS-850_450_690@yahoogroups.com

Subject: Re: [TS-850_450_690] TS850 tune-up

Alan, How did you like the cw sidetone afterwards? My only complaint about my 850 is the crappy sidetone and lack of adjustability (level) from the front panel. It allows you to change the sidetone freq but not the level. I never understood that.

Last year at field day I didn't have a very good speaker so the sidetone was terrible. I use headphones 99% of the time on cw but sometimes I feel like using the speaker.
At home it's acceptable at best.

Anyway, did that mod increase the level?

Bob
WE6C

From: Alan Riley <arr44@suddenlink.net>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 9:39 AM
Subject: Re: [TS-850_450_690] TS850 tune-up

Zack,

I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.

The 50 mil one has never had to have any capacitors replaced but I have had to replace several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics on the carrier board (9 of the 11 were leaking, but no damage to the board).

I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration may have been from something else but decided to replace all them while I was in there.

C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all four caps associated with that stage while I was in there (C187, C167, C182, and C184).

I’ve also done the noise blanker, cw sidetone, and battery relocation mods.

All of the new caps I put in came from Mouser.

73,
Alan, KD5R

From: Zack Widup
Sent: Sunday, April 06, 2014 3:22 PM
To: TS-850_450_690
Subject: [TS-850_450_690] TS850 tune-up

I finally got around to doing everything I wanted to do to my
TS-850
this weekend. When I got to the CAR board, I found that eight of
the
ten 10 uF electrolytics had leaked onto the board but no board
circuit
traces were damaged. I replaced all of the 10 uF caps. The 47 uF
cap
looked good but I replaced it anyway.

I replaced the solder-in
coin battery with a battery holder fastened
to the aluminum wall at the front
of the radio just above the noise
blanker board. I can easily get to the
battery there. But I am
surprised I have had the radio since 1997 and never
needed to replace
this battery. It had not leaked and still measures 3.08
volts.

I did the noise blanker mod too.

Finally, I aligned the
VCO's. It seems the LO2 VCO was the culprit in
causing the harsh CW tone I've
had reported as having. When I measured
the voltage at the test point, I
measured 2.6 volts. I set it to 5.0
volts and all is well now (no more harsh
tone).

Are there any other capacitors I should pay attention to as
possibly
leaking or needing replacement?

73, Zack
W9SZ

12663. Auto tuner quit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 20:53:24 UTC
From: Harvey Bauss
Topic: 12663 Message: 12663

Hi group, my auto tuner o my ts-850s-at sounds like a washing machine going swish-swish back and forth and never coming to a solution. When I transmit my SWR is below 2 and all else works.
Any thoughts are welcome.
Thanks KB8MUP, Harvey

12664. Re: TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 21:20:19 UTC
From: Chris Kepus
Topic: 12655 Message: 12664

Zack,

The other known suspect caps are in the digital display unit, almost as notorious as the CAR board caps, and the large uF cap In the audio stage. These are documented on various web sites.

I have my 850 open.just finished the CAR board, and will be going after the audio and display board caps shortly.

Oh, same story on my battery. No leaks, still going strong . Go figure.

73,

Chris

W7JPG

"Any day above ground is a good day"

[Non-text portions of this message have been removed]

12665. Re: [TS-850_450_690] Auto tuner quit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 22:32:08 UTC
From: Bob Naylor
Topic: 12663 Message: 12665

Is the "carrier" level up high enuff?
Bob WE6C

From: Harvey Bauss <harveybauss@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 1:53 PM
Subject: [TS-850_450_690] Auto tuner quit

Hi group, my auto tuner o my ts-850s-at sounds like a washing machine going swish-swish back and forth and never coming to a solution. When I transmit my SWR is below 2 and all else works.
Any thoughts are welcome.
Thanks KB8MUP, Harvey

12666. Re: [TS-850_450_690] TS850 tune-up

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-07 22:36:24 UTC
From: Alan Riley
Topic: 12655 Message: 12666

Yes, Bob, good job on the description!

I use either the Kenwood HS-5 or the Yamaha CM-500 headphones here 100%
of the time but the output on the internal speaker seems to be way more than
adequate when the sidetone level is turned up.

Alan, KD5R

From: Bob Naylor
Sent: Monday, April 07, 2014 2:46 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS850 tune-up

Alan, Thanks. I have mine turned all the way up which is barely OK with headphones but is sometimes a problem with my Kenwood speaker, and like I said, at field day outside, no way loud enuff with a speaker.

I have an older Icom that the sidetone varies with the AF on the front. The inside adjustment basically is adjusting the ratio between the AF vs sidetone level. I wish Kenwood would have done that.

I did forget to mention that when I use headphones, they are the 900 MHz wireless type so the AF volume is set accordingly on the rig and the AF on the headphones set. All this does change the ratio of the sidetone vs AF.

Did I describe that well enuff?

Bob WE6C

From: Alan Riley <arr44@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 11:15 AM
Subject: Re: [TS-850_450_690] TS850 tune-up

Bob, I highly recommend the cw sidetone mod. I don’t know why Kenwood didn’t
incorporate this feature originally. Here are the component specs and the
Mouser part numbers in case you buy the parts from them:

capacitor: 0.1 uF, 50v, Y5U, +/-20%
140-50U5-104M-RC

resistor: 330K +/- 5%, 1/4W, carbon film
291-330K-RC

It’s been several years since doing the mod and I don’t recall just how much the
the level was boosted but I believe you will be pleased with the result. I just
checked the 30 mil TS-850 and the level is adjustable from being

not heard at all up to being painful.

73,
Alan, KD5R

From: Bob Naylor
Sent: Monday, April 07, 2014 12:05 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS850 tune-up

Alan, How did you like the cw sidetone afterwards? My only complaint about my 850 is the crappy sidetone and lack of adjustability (level) from the front panel. It allows you to change the sidetone freq but not the level. I never understood that.

Last year at field day I didn't have a very good speaker so the sidetone was terrible. I use headphones 99% of the time on cw but sometimes I feel like using the speaker.
At home it's acceptable at best.

Anyway, did that mod increase the level?

Bob WE6C

From: Alan Riley <arr44@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 9:39 AM
Subject: Re: [TS-850_450_690] TS850 tune-up

Zack,

I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.

The 50 mil one has never had to have any capacitors replaced but I have had to replace several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics
on the carrier board (9 of the 11 were leaking, but no damage to the board).

I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what
appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration may have been from something else but decided to replace all them while I was in there.

C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all
four caps associated with that stage while I was in there (C187, C167, C182, and C184).

I’ve also done the noise blanker, cw sidetone, and battery relocation mods.

All of the new caps I put in came from Mouser.

73,
Alan, KD5R

From: Zack Widup
Sent: Sunday, April 06, 2014 3:22 PM
To: TS-850_450_690
Subject: [TS-850_450_690] TS850 tune-up

I finally got around to doing everything I wanted to do to my TS-850 this weekend. When I got to the CAR board, I found that eight of the ten 10 uF electrolytics had leaked onto the board but no board circuit traces were damaged. I replaced all of the 10 uF caps. The 47 uF cap looked good but I replaced it anyway.

I replaced the solder-in coin battery with a battery holder fastened to the aluminum wall at the front of the radio just above the noise blanker board. I can easily get to the battery there. But I am surprised I have had the radio since 1997 and never needed to replace this battery. It had not leaked and still measures 3.08 volts.

I did the noise blanker mod too.

Finally, I aligned the VCO's. It seems the LO2 VCO was the culprit in causing the harsh CW tone I've had reported as having. When I measured the voltage at the test point, I measured 2.6 volts. I set it to 5.0 volts and all is well now (no more harsh tone).

Are there any other capacitors I should pay attention to as possibly leaking or needing replacement?

73, Zack W9SZ

12667. RE: [TS-850_450_690] Auto tuner quit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-08 16:39:58 UTC
From: Harvey Bauss
Topic: 12663 Message: 12667

Bob,
Thanks, that did it, I must have been messing with it.
73,
Harvey

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Bob Naylor
Sent: Monday, April 07, 2014 6:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Auto tuner quit

Is the "carrier" level up high enuff?
Bob WE6C

From: Harvey Bauss <harveybauss@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 1:53 PM
Subject: [TS-850_450_690] Auto tuner quit

Hi group, my auto tuner o my ts-850s-at sounds like a washing machine going swish-swish back and forth and never coming to a solution. When I transmit my SWR is below 2 and all else works.
Any thoughts are welcome.
Thanks KB8MUP, Harvey

12668. Re: [TS-850_450_690] Auto tuner quit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-08 20:24:19 UTC
From: Bob Naylor
Topic: 12663 Message: 12668

Nice when it's easy!
Bob WE6C

From: Harvey Bauss <harveybauss@...>
To: TS-850_450_690@...m
Sent: Tuesday, April 8, 2014 9:39 AM
Subject: RE: [TS-850_450_690] Auto tuner quit

Bob,
Thanks, that did it, I must have been messing with it.
73,
Harvey

From:TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Bob Naylor
Sent: Monday, April 07, 2014 6:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Auto tuner quit

Is the "carrier" level up high enuff?
Bob WE6C

From:Harvey Bauss <harveybauss@...>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 7, 2014 1:53 PM
Subject: [TS-850_450_690] Auto tuner quit

Hi group, my auto tuner o my ts-850s-at sounds like a washing machine going swish-swish back and forth and never coming to a solution. When I transmit my SWR is below 2 and all else works.
Any thoughts are welcome.
Thanks KB8MUP, Harvey

12669. TS-850S Transmitt blocket on 17m and 12m

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-10 14:05:00 UTC
From: <pp5zap@...>
Topic: 12669 Message: 12669

My TS-850SAT blocked on 17m and 12m. Changed the IC SN74LS145N on Filter-Unit without succeed.
All other Bands ok and Tuner works right on dummy.

73, Fred PP5ZAP

12670. TS450S Receive Loss Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-16 03:44:23 UTC
From: <ku4xr@...>
Topic: 12670 Message: 12670

Hello all: I have tried all the suggestions, and tips, and am still having the intermittent dropout of the receive. As I mentioned in earlier posts, pressing the " AIP " button will make the receive work at 10 dB down, which is what the " AIP " is supposed to do. Contacting Kenwood support about the issue, and a Tech emailed me, and told me that this is not an issue that is common the the TS450S, and recommended a Master Reset. Doing so, did nothing but erase all my memory settings. One morning after an overnight run on 160 meters WSPR, I manually entered an A.M. radio frequency, and heard nothing.. I tried another frequency, and the same. Only a slight sound from the speaker.. I turned the power off, then back on, and the radio came to life with the radio station booming in as usual. This is another first for the aging radio.. From everyones experience with this radio, Has anyone had issues even similar to mine, and it ended up being the Controller Board ? Thanks for any replies.. 73 to all : Andy , KU4XR

12671. Re: TS450S Receive Loss Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-16 20:04:09 UTC
From: <w4jz@...>
Topic: 12670 Message: 12671

Hi Andy,

This kind of problem is hard to find. Sounds like, to me, it is a lose connection somewhere. When you lose receive are you able to transmit full 100 watts out with low SWR? If so does your receive come back after that? I have seen where some had a problem with solder joint from circuit board to SO239 not making good connection. Best I remember there is a wire from board to antenna connector.

Reed W4JZ.

12672. TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-17 11:36:27 UTC
From: Jose V. Gavila
Topic: 12672 Message: 12672

Hi all,

I am dealing with a TS-850 ATU problem. It does not tune on several (most) bands properly, and keeps hunting (moving the tuning caps up and down fastly). The rig has properly setup CAR and PWR controls, generating around 10W when trying to tune. It works fine otherwise, with a close to 100W output. But even on a dummy load, with 1:1 SWR without tuner, it is not able to tune, and keeps hunting with a 1.5 SWR indication on display, slightly up and down when caps move.

I have checked the TC1 alignment, and it is OK, set to a minimum of VSR voltage with a dummy load and full power TX. I have also checked the relays, and all work as they should. I have done a RESET of the rig also.

Any further hint?

Thanks and best regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12673. Re: [TS-850_450_690] Re: TS450S Receive Loss Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 00:05:17 UTC
From: Andy - KU4XR
Topic: 12670 Message: 12673

On Wed, 4/16/14, w4jz@... <w4jz@...> wrote:

>> I have seen where some had a problem with solder
>> joint from circuit board to SO239 not making good connection.

That was an issue, but was repaired, and did not help the receive loss problem..

>> When you lose receive are you able to transmit full 100 watts out
>> with low SWR?

Yes.. After fixing the loose connection on the Filter Board, the rig will TX in all modes, at full power, and normal SWR readings for my Windom.
All other controls function as they are supposed to..

>> If so does your receive come back after that?

Sometimes it does, but usually only for a few seconds before dropping out again.
Then there are times that the receive does not recover after transmitting..
It always receives if I have the Advanced Intercept Point " AIP " engaged, on all bands , and all modes..
I can cycle between AIP on, and AIP off,a few times, and the receive will occassionally come back on in normal, (AIP off) mode.. The same is true with cycling between TX, and RX a few times.

>> This kind of problem is hard to find. Sounds like, to me, it is a lose
>> connection somewhere.

Definitely hard to locate.. I have either unplugged and replugged every connector that I can get to, and those that are hard to reach, I have wiggled them back and forth with an insulated tool..
I have pressed on every circuit board to no avail, And even touched up the solder connections on the RF board on the transistors for the NFB Amplifier.. This is the stage that the " AIP " button switches between.. AIP-off engages a 20 dB preamp, and AIP-on runs the signal straight thru.. The solder touch up had no effect either..

>> Reed W4JZ

Thanks for the reply Reed.. 73 to you:

Andy , KU4XR

12674. Re: [TS-850_450_690] Re: TS450S Receive Loss Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 13:39:10 UTC
From: <w4jz@...>
Topic: 12670 Message: 12674

Andy, go to a electronics store and get a can of Freeze-It or something similar. Has long tube that you can pin point the component to see if it is causing your problem.

Here is the URL, but dang stuff really has gone up since I bought some.

http://gokimco.com/chemtronics-es1550-freez-it-freeze-spray.html?gclid=CJOqkLqT6r0CFUNo7AoddG0A4A http://gokimco.com/chemtronics-es1550-freez-it-freeze-spray.html?gclid=CJOqkLqT6r0CFUNo7AoddG0A4A

73,
Reed W4JZ

12675. Re: [TS-850_450_690] TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 12:21:51 UTC
From: Joop!
Topic: 12672 Message: 12675

Hi Jose!

Just a hint:

I've read in the past abouth some issues of mechanical order.
Pse check if there is no friction between the motor and the tuning part.
In some cases the screw for coupling the motor to the axle went loose!

If the electrical part is allright... it must be mechanical?

Happy Easter!
73, Joop Schalkwijk / PD2JAM

Jose V. Gavila schreef op 17-4-2014 13:36:
>
> Hi all,
>
> I am dealing with a TS-850 ATU problem. It does not tune on several
> (most) bands properly, and keeps hunting (moving the tuning caps up and
> down fastly). The rig has properly setup CAR and PWR controls,
> generating around 10W when trying to tune. It works fine otherwise, with
> a close to 100W output. But even on a dummy load, with 1:1 SWR without
> tuner, it is not able to tune, and keeps hunting with a 1.5 SWR
> indication on display, slightly up and down when caps move.
>
> I have checked the TC1 alignment, and it is OK, set to a minimum of VSR
> voltage with a dummy load and full power TX. I have also checked the
> relays, and all work as they should. I have done a RESET of the rig also.
>
> Any further hint?
>
> Thanks and best regards,
>
> JOSE
>
> --
> 73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
> http://agvradio.com AGVradio
> http://jvgavila.com Personal WEB
>
>

12676. Re: [TS-850_450_690] Re: TS450S Receive Loss Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 13:43:20 UTC
From: NIGEL FENTON
Topic: 12670 Message: 12676

Oh my, I just deleted a long rant! I would look for the obvious capacitor leakage problem. If you cant see any obvious deteriation take the radio to some one who has the correct tools (sig gen and scope etc) you need to find the problem area with tools not poking around ;)

obvious signs are expanded or split cases, also look around thier bases for discolouration or leakage. These radios are well known for failing capacitors.

Regards
Nigel - G0JKN/W2

From: Andy - KU4XR <ku4xr@...>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, 17 April 2014, 20:05
Subject: Re: [TS-850_450_690] Re: TS450S Receive Loss Issue

On Wed, 4/16/14, w4jz@... <w4jz@arrl.net> wrote:

>> I have seen where some had a problem with solder
>> joint from circuit board to SO239 not making good connection.

That was an issue, but was repaired, and did not help the receive loss problem..

>> When you lose receive are you able to transmit full 100 watts out
>> with low SWR?

Yes.. After fixing the loose connection on the Filter Board, the rig will TX in all modes, at full power, and normal SWR readings for my Windom.
All other controls function as they are supposed to..

>> If so does your receive come back after that?

Sometimes it does, but usually only for a few seconds before dropping out again.
Then there are times that the receive does not recover after transmitting..
It always receives if I have the Advanced Intercept Point " AIP " engaged, on all bands , and all modes..
I can cycle between AIP on, and AIP off,a few times, and the receive will occassionally come back on in normal, (AIP off) mode.. The same is true with cycling between TX, and RX a few times.

>> This kind of problem is hard to find. Sounds like, to me, it is a lose
>> connection somewhere.

Definitely hard to locate.. I have either unplugged and replugged every connector that I can get to, and those that are hard to reach, I have wiggled them back and forth with an insulated tool..
I have pressed on every circuit board to no avail, And even touched up the solder

connections on the RF board on the transistors for the NFB Amplifier.. This is the stage that the " AIP " button switches between.. AIP-off engages a 20 dB preamp, and AIP-on runs the signal straight thru.. The solder touch up had no effect either..

>> Reed W4JZ

Thanks for the reply Reed.. 73 to you:

Andy , KU4XR

12677. Re: [TS-850_450_690] Re: TS450S Receive Loss Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 15:24:28 UTC
From: <myyahoo@...>
Topic: 12670 Message: 12677

They have cheaper options - although I haven't yet tried the 'non ozone depleting' option:

http://gokimco.com/techspray-1672-10s-envi-ro-tech-zero-ozone-depleting-freeze-spray-10-oz.html http://gokimco.com/techspray-1672-10s-envi-ro-tech-zero-ozone-depleting-freeze-spray-10-oz.html

- Richard, VE7CVS

12678. TS-450S:Hearing signal on both upper and lower sidebands. Also no 500Hz filter operation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 16:19:43 UTC
From: Bob Bruno - K2KI
Topic: 12678 Message: 12678

Hi all,
I have a TS-450S which had the dreaded IF board cap failures plus a few horrible attempts from the previous owner to fix eaten traces mainly in the audio out section.
(You might have seen earlier posts from me looking for this unobtainium board)

I replaced all of the caps in the area with higher voltage rating ones (25V) and had to repair many traces that had been eaten with #30 Kynar wire-wrap wire. I removed all of the crystal filters and cleaned under the boards and did a visual on the filters. All seemed ok.

Now I find that on the "thru" setting, I am able to copy any signal on both upper and lower sidebands. I am also not able to select the 500Hz filter. It goes to the filter according to the display but no sound from the speaker. I did a factory reset and re-enabled the filters that I have installed (full boat complement) but no joy.

I also repaired the horrific previous attempt to repair the previous owners work with the same #30 Kynar wire.

So it might seem that I have two issues but maybe only one. I am unsure.

When I first got this radio the entire area where the crystal filters are were covered with the capacitors goo. I cleaned and cleaned but found the area to be slightly conductive (measured from any trace in the area to an empty section of the PCB). I finally got real aggressive with Denatured Alcohol and intense scrubbing with a synthetic scouring pad. This cured the conductivity issue but nothing else. BTW. I did the cleaning with all of the filters removed.

I am at my wits end. Has anyone experienced this sort of behavior with this model radio?

Any help would be greatly appreciated. In fact, I will offer up my first born son! (He's 23 and is a couch potato but he's real good with the XBox and a good kid nonetheless). :-)

--
73...
Bob de k2ki
k2ki@...
802-752-7225 (Cell - Call anytime)

12679. Addendum: TS-450S:Hearing signal on both upper and lower sidebands. Also no 500Hz filter operation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 16:23:12 UTC
From: Bob Bruno - K2KI
Topic: 12678 Message: 12679

I forgot to mention in my previous post that the 500Hz filter is from a
working radio and performs in that radio as expected.

73...
Bob de k2ki
k2ki@...
802-752-7225 (Cell - Call anytime)

On 4/18/2014 12:19 PM, Bob Bruno - K2KI wrote:
>
> Hi all,
> I have a TS-450S which had the dreaded IF board cap failures plus a few
> horrible attempts from the previous owner to fix eaten traces mainly in
> the audio out section.
> (You might have seen earlier posts from me looking for this unobtainium
> board)
>
> I replaced all of the caps in the area with higher voltage rating ones
> (25V) and had to repair many traces that had been eaten with #30 Kynar
> wire-wrap wire. I removed all of the crystal filters and cleaned under
> the boards and did a visual on the filters. All seemed ok.
>
> Now I find that on the "thru" setting, I am able to copy any signal on
> both upper and lower sidebands. I am also not able to select the 500Hz
> filter. It goes to the filter according to the display but no sound from
> the speaker. I did a factory reset and re-enabled the filters that I
> have installed (full boat complement) but no joy.
>
> I also repaired the horrific previous attempt to repair the previous
> owners work with the same #30 Kynar wire.
>
> So it might seem that I have two issues but maybe only one. I am unsure.
>
> When I first got this radio the entire area where the crystal filters
> are were covered with the capacitors goo. I cleaned and cleaned but
> found the area to be slightly conductive (measured from any trace in the
> area to an empty section of the PCB). I finally got real aggressive with
> Denatured Alcohol and intense scrubbing with a synthetic scouring pad.
> This cured the conductivity issue but nothing else. BTW. I did the
> cleaning with all of the filters removed.
>
> I am at my wits end. Has anyone experienced this sort of behavior with
> this model radio?
>

> Any help would be greatly appreciated. In fact, I will offer up my first
> born son! (He's 23 and is a couch potato but he's real good with the
> XBox and a good kid nonetheless). :-)
>
> --
> 73...
> Bob de k2ki
> k2ki@...
> 802-752-7225 (Cell - Call anytime)
>
>

12680. Re: [TS-850_450_690] TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 19:19:00 UTC
From: Jose V. Gavila
Topic: 12672 Message: 12680

Hello Joop,

Thanks for the hint but not, mechanically it is sound.

But, menwhile, I have found the failure. At least I know which board fails on the ATU module. I have on my parts stock a new-in-box TS-850 ATU, so I tried with it and it worked flawlessly. So I was sure the fault was on the ATU module.

Well, I checked all relays, one by one, even desoldering them from the PCB (here it pays to have a professional soldering station :-)). All were working perfectly. I checked also the position potentiometers and the variable caps motors, which were also fine. So the only remaining 'big' item was the control board. I had also an unworking ATU, taken from a TS-850 parts unit. I knew it had some bad relay(s), but the rest was OK. So I have changed the control board from the parts unit to the other one... and the 'Franken-tuner' works perfectly :-)!

So the problem was on the control board. I have done some checks before replacing it, and the problem is that the system gets stuck in a 1.5:1 position, and the hunts up and down indefinitely. I have fooled the ATU by lowering the power (using CAR) on that moment, so it went out of the loop. And, sometimes, when getting back to normal tuning power, it found a good match.

There seems to be some problem on the comparison system, which has an spot which fails to find a solution, so to say.

As I was in a hurry to get the unit going, I have left it with the replaced control board. But, someday, I will investigate at component level what is happening.

I have found several similar problems depicted on YouTube videos, so perhaps if I find the fault, it would help others :-)

Best regards,

JOSE

El 18/04/2014 14:21, Joop! escribió:
> Hi Jose!
>
> Just a hint:
>
> I've read in the past abouth some issues of mechanical order.
> Pse check if there is no friction between the motor and the tuning part.
> In some cases the screw for coupling the motor to the axle went loose!

>
> If the electrical part is allright... it must be mechanical?
>
> Happy Easter!
> 73, Joop Schalkwijk / PD2JAM
>
>
>
>
> Jose V. Gavila schreef op 17-4-2014 13:36:
>>
>> Hi all,
>>
>> I am dealing with a TS-850 ATU problem. It does not tune on several
>> (most) bands properly, and keeps hunting (moving the tuning caps up and
>> down fastly). The rig has properly setup CAR and PWR controls,
>> generating around 10W when trying to tune. It works fine otherwise, with
>> a close to 100W output. But even on a dummy load, with 1:1 SWR without
>> tuner, it is not able to tune, and keeps hunting with a 1.5 SWR
>> indication on display, slightly up and down when caps move.
>>
>> I have checked the TC1 alignment, and it is OK, set to a minimum of VSR
>> voltage with a dummy load and full power TX. I have also checked the
>> relays, and all work as they should. I have done a RESET of the rig also.
>>
>> Any further hint?
>>
>> Thanks and best regards,
>>
>> JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12681. Re: TS-450S:Hearing signal on both upper and lower sidebands. Also no 500Hz filter operation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-18 18:30:13 UTC
From: <myyahoo@...>
Topic: 12678 Message: 12681

Watch out with alcohol - 91% Isopropanol is the best to use for electronic cleaning. The other 9% is pure water, and when the alcohol evaporates it doesn't leave a residue. 99% isopropanol contains benzene (necessary to remove the water) and can leave a residue behind. 'Denatured' just means made toxic (undrinkable) but doesn't tell you what else is in the alcohol that may be left behind (including the agent that made it toxic!).
I learned this many years ago from an IBM Customer Engineer who was cleaning tape drive heads with alcohol - the only type authorised for this was 91% Isopropanol. I've had good success with this ever since.

- Richard, VE7CVS

12682. Re: [TS-850_450_690] TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-19 11:06:49 UTC
From: <robzs5la@...>
Topic: 12672 Message: 12682

Hi Jose Had a similar problem with my TS-690 tuner. Turned out one of the germanium diodes on the phase detector on the tuner pcb had some reverse leakage. Replaced both with modern 1N60's that look like a 1N4148. Thanks for your very informative Web site. Always enjoy your new challenges with the soldering iron. 73 Rob ZS5LA

12683. Re: TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-22 10:07:47 UTC
From: <oe3jtb@...>
Topic: 12672 Message: 12683

Hi Jose
so as mine did?
https://www.youtube.com/watch?v=VBLMRxoHh-E https://www.youtube.com/watch?v=VBLMRxoHh-E
73 Alex, OE3JTB

12684. Re: Auto tuner quit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-22 10:11:53 UTC
From: <oe3jtb@...>
Topic: 12663 Message: 12684

Hi Harvey
so as mine did?
https://www.youtube.com/watch?v=VBLMRxoHh-E https://www.youtube.com/watch?v=VBLMRxoHh-E
73 Alex, OE3JTB

12685. DSP-100 cable pinouts to TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-22 10:01:31 UTC
From: <oe3jtb@...>
Topic: 12685 Message: 12685

Hi group
I got a DSP-100 without any cables.
I looked in the servicemanual where the pinouts are described J1 and J3.
Also have the Kenwood Miscellaneous manual, where Kenwood pinouts are described for several devices.
J1, ACC plug seamed to be connected 1:1 with pin2and 3 and 4and5 crossover , but J3 the DSP-3 with 13 pinouts I dont find a schematic.
Does anyone have this
tnx 73 Alex, OE3JTB

12686. Re: DSP-100 cable pinouts to TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-23 08:20:41 UTC
From: <oe3jtb@...>
Topic: 12685 Message: 12686

Hi once more
got a link to the TS850 servicemanual, there I found the pins
13 PIN
TS850
1 DAF1
2 GND
3 DAF2
4 GND
5 DBC
6 RTK
7 CTK
8 MAG
9 GND
10 REF
11 MAO
12 MAG
13 TXB

DSP100
1 DAF1
2 GND
3 DAF2
4 GND
5 DBC
6 RTK
7 CKY
8 GND
9 REF
10 GND
11 MAO
12 MAG
13 TXB

6 PIN
TS850
1 GND
2 TXB
3 RXD
4 CTS
5 RTS
6 NC

DSP-100
1 GND
2 TXB
3 RXD

4 CTS
5 RTS
6 NC

So 13 pin cable straight trough, except pin 9 and 10 crossover, 6 pin 1:1, 2/3 and 4/5 crossover.
Or is it nessecary to crossout other pins?
TNX
73 Alex, OE3JTB

12687. Re: [TS-850_450_690] Re: TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-23 20:20:46 UTC
From: Jose V. Gavila
Topic: 12672 Message: 12687

Hi Alex,

El 22/04/2014 12:07, oe3jtb@... escribió:
> Hi Jose
>
> so as mine did?
>
> https://www.youtube.com/watch?v=VBLMRxoHh-E
>
> 73 Alex, OE3JTB

Yes, it was pretty close. And, yes, I also used the 'reduce CAR trick'
to force a good match :-)

I ended replacing the tuner control board, but first I had also checked
TC1 and it made no difference. It seems the problem could be on the
diodes, even if they measured OK on circuit. I will check them carefully
when I have some time.

Regards,

JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12688. Re: [TS-850_450_690] Re: TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-23 21:04:26 UTC
From: <n7dlv@...>
Topic: 12672 Message: 12688

Every once in a while the auto tuner in my TS-850 can't find a match and will "hunt". I will be operating portable when this occurs. I verify that the SWR is 3 to 1 or less, then I place the antenna tuner in Manual Tune Mode and manually tune for a good match. The proceedures are on Page 30 of the Owner's Manual.

12689. Re: [TS-850_450_690] Re: TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-23 22:33:08 UTC
From: Bob Naylor
Topic: 12672 Message: 12689

Glad you can make it work. I read this when I got my 850 back in 1995 so I guess after 19 years I should "brush up" on it.
Bob WE6C

From: "n7dlv@..." <n7dlv@...>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 23, 2014 2:04 PM
Subject: Re: [TS-850_450_690] Re: TS-850S: tuner hunting

Every once in a while the auto tuner in my TS-850 can't find a match and will "hunt". I will be operating portable when this occurs. I verify that the SWR is 3 to 1 or less, then I place the antenna tuner in Manual Tune Mode and manually tune for a good match. The proceedures are on Page 30 of the Owner's Manual.

12690. How to balance (or where to buy) a TS-850 tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-23 23:08:32 UTC
From: <zclobes@...>
Topic: 12690 Message: 12690

I've used a number of TS-850's and they all seem to suffer from "drifting" if the tension is turned down on the tuning knob because they aren't balanced. One of the rigs did have a nice tuning knob that required no additional drag to make it stay put, but I have no idea where the original owner got that knob.

So, does anyone know of a place that a replacement knob can be purchased and/or is it possible to balance the stock knob?

Zack Clobes, W0ZC

12691. Complete SAT/ EME station FS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-28 19:28:34 UTC
From: Anthony W. DePrato
Topic: 12691 Message: 12691

>I am downsizing big time. if anyone is interested in getting on the
>SAT's all three bands plus EME. I will be selling my complete setup.
>Ant's are NIB unopened M2 the BIG set.
will be listing the entire station later when i get a chance to
unbox all of it. but wanted to give the boys in state the first chance.
Sold the small M2 ants 3 or 4 years ago bought new ones the Big Set
but never go around to putting them up so lost interest.

Kenwood TS-970A with 144/432/ 1.2ghz units factory installed

yasue G5400B AZ.EL rotor and control box

144 M2 sat ant The Big one NIB

432 M2 sat ant The Big One NIB

1.2ghz M2 sat ant The Big One NIB

2 ea M2 33ft boom 2 mt long johhs for EME New In Boxes

pacomm tnc and controls all 3 units for data 9600 baud sats includes
the following units

Paccom Pactor Controler Does RTTY ALSO

Paccom Narrowband DFM TNC

Paccom PSK-1 Sat Controler

AEA PK-88

AEA DSP-2232 Controler

432 mast mount pre amps ICOM AG-35 New Unused

RF Concepts 144 amp RFC 2-317

RF Concepts 432 amp rfc 4-110

Aston 25 amp power supply New unused

Marage PAC 30-130B amp 144meg NIB

Includes cables and like new A-B serial switch box.. will throw in
two runs of Belden 9913 cable

I still have org boxes for most of the smaller items. I have over
$1000.00 just in NEW IN BOX Antennas

will be asking $2500.00 Firm Shipping is from Somerset Ky 42501 or
Pick up at my QTH.

OTHER Items i am parting with make offers

Yaesu FT-7100M NEW IN BOX

REAM RPV516A VHF HT New in Box computer programable will include copy
of software

Vertex Standard vx-3200 New In Box.

this is a updated list. please reply ONLY if you are interested in
buying before i put on other locations then kyham. i have had two who
wanted to buy then backed out after i told others it was asked for.

I will Not break up the SAT / EME Station

Will have a NIB kenwood TS-950SD and my TS-850sat i use on rtty for
sell also will most likely sell my other TS 950SD that i use on
cw also all have extra ssb and cw filters installed in both IF's
.
73 Tony WA4JQS
606 383 3533 cell
ps i work for Police Dept so if you call when i am on duty i might
have to call you back so please leave a name call sign and number

Anthony W. DePrato WA4JQS
Since Sept 9th 1962
ARRL CDXC WIA FISTS A1OP
CQ DX HALL OF FAME # 39
DXCC HONOR ROLL
FOUNDER SOUTH SANDWICH ISLAND DX GROUP 1988
CALLS HELD
VP8BZL VP8SSI 3Y0PI ZD8JQS V31SS WA4JQS/ZS1 WA4JQS/KC4 WA4JQS/4K1
ZUT DE WA4JQS

12692. Re: Intermittent receive problem - TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-29 22:37:06 UTC
From: <zclobes@...>
Topic: 12649 Message: 12692

My IF caps were leaking and the electrolyte had leaked down and damaged a trace on the PCB that was related to AIP. I couldn't tell that the cap had leaked either until I started pulling components and then I found the stuff all over.

Whether it's your problem or not, replace those caps on the IF board because they WILL leak.

Zack Clobes, W0ZC

12693. Want to buy a TS-850 sat.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-01 15:12:00 UTC
From: <wt4t@...>
Topic: 12693 Message: 12693

Would like to set up a second station. Looking for a late sn# ts-850,hopefully with the later board and chips. the rig need to be no smoke and decent cosmetics. SSB filters would be a plus. do not need mic. Factory shipping box a +.Just a solid working rig is what Iam after. Would like to do Pay Pal I will cover the fees from this end.
thanks
dale wt4t

wt4t@reagan.com

12694. Re: How to balance (or where to buy) a TS-850 tuning knob

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-04-30 04:34:16 UTC
From: <mondu1fv@...>
Topic: 12690 Message: 12694

Good observation! I have the same problem. Maybe you could find a machine shop that could balance it for you. I might just do the same "one of these days." 73 du1fv

12695. Re: DSP-100 cable pinouts to TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-03 10:41:30 UTC
From: <oe3jtb@...>
Topic: 12685 Message: 12695

Hi group yesterday I did the 2 cables configuration
http://imgur.com/3GdPrK5 http://imgur.com/3GdPrK5

But it doesnt work
any ideas
tnx 73 Alex

12696. Re: [TS-850_450_690] Re: TS-850S: tuner hunting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-03 10:37:07 UTC
From: <oe3jtb@...>
Topic: 12672 Message: 12696

Hi Jose you bring me also a step further, sometimes it hunts also today, will also have a look, together we are stronger :-)
73 Alex

12697. Re: DSP-100 cable pinouts to TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-04 17:00:01 UTC
From: <oe3jtb@...>
Topic: 12685 Message: 12697

Hi group today I did the cables
http://forums.qrz.com/showthread.php?433656-Kenwood-DSP-100-cable-pinouts
http://forums.qrz.com/showthread.php?433656-Kenwood-DSP-100-cable-pinouts

Also I found an error in the servicemanual :-)
Works great now and costs 5 Euros at all...
73 Alex

12698. 690 dots on lower frequency display...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-05 18:25:16 UTC
From: <fransuti@...>
Topic: 12698 Message: 12698

Hi guys! I just bought a 690 that turns on ok in a couple of seconds it gives several beeps then it gets dots where the frequency is, I belive something with vco anyone can correct me, any hints. I already cleaned vco adjustment. thanks ahead...

12699. Re: DSP-100 cable pinouts to TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-06 03:35:24 UTC
From: Chris Kepus
Topic: 12685 Message: 12699

Not to introduce heresy into this group (I do have a couple TS-850's) but Alex's comments has motivated me to ask.

Has anyone on this list put a TS-850 w/ DSP-100 up against a TS-950SD (not SDX)??

Comments? I'll probably cross post this Q to the TS-950 group also so if you also belong to that group, feel free to answer twice. J

Let's hear what you think.

Thanks es 73,

Chris

W7JPG

"Any day above ground is a good day"

[Non-text portions of this message have been removed]

12700. TS-850 AM reception failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-06 21:11:13 UTC
From: <ea1cxh@...>
Topic: 12700 Message: 12700

Hi, I recently repaired a damaged TS-850 CAR Board that was affected by the leaking caps plague. Now the rig works fine on SSB, CW and FM but in AM I have little or no reception at all. TX in AM mode is fine, but there is no RX.

Any idea of what might be wrong with this one?

Thank you in advance.

Shawn

12701. TS-950S/SD/SDX welcome here?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-07 17:29:52 UTC
From: <yg@...>
Topic: 12701 Message: 12701

Are TS-950S/SD/SDX discussions also welcome here? I searched for a group specific to the TS-950 series and could not find one.

Rick WA1RKT

12702. Re: [TS-850_450_690] TS-950S/SD/SDX welcome here?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-07 17:57:12 UTC
From: John tf
Topic: 12701 Message: 12702

I've got an 850 and would be willing to talk about a 950 ;)

On Wed, May 7, 2014 at 12:29 PM, <yg@...> wrote:

>
>
> Are TS-950S/SD/SDX discussions also welcome here? I searched for a group
> specific to the TS-950 series and could not find one.
>
>
> Rick WA1RKT
>
>
>
>
>

12703. Re: [TS-850_450_690] TS-950S/SD/SDX welcome here?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-07 22:17:47 UTC
From: Crownhaven
Topic: 12701 Message: 12703

Hi Rick. I'm sure no one would mind. In fact, I might surmise that most of us would love to have a TS-950SDX. I know I would. I agonized about it long enough where I'm worried that it could be supported if it broke. They aren't cheap on the used market. I loved my 850s, still have two of them, one is in operation next to my TS-590S. Also crazy about the TS-870S which is also connected and running. I'm not sure any of these older radios could beat the NR in the 590. It isn't a perfect radio but I can dig out weak CW sigs on it that I can't copy on the other radios. It would still be nice to have an SDX sitting here in front of me though. Tell us about yours?

Steve, N4JQQ

On 5/7/2014 12:57 PM, John tf wrote:
> I've got an 850 and would be willing to talk about a 950 ;)
>
>
> On Wed, May 7, 2014 at 12:29 PM, <yg@...
> <mailto:yg@...>> wrote:
>
> Are TS-950S/SD/SDX discussions also welcome here? I searched for
> a group specific to the TS-950 series and could not find one.
>
>
> Rick WA1RKT
>
>
>
>
>

12704. TS-850 No VOX or Break-in

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-11 22:23:17 UTC
From: w4zst@...
Topic: 12704 Message: 12704

I'm new to this list. I have searched the 'net for info on my problem and also searched in the archives some.
I have two 805's here.

One has a problem in that it won't do VOX or CW break-in (semi or full) but everything else is working OK.

It transmits both CW and phone by PTT with no problems.

I put in a new memory battery and also the -6V supply board, both of which it needed, but neither was the cause of the break-in problem.

I really expect that this is a pretty simple problem, but I haven't made much progress in troubleshooting.

Any help would be greatly appreciated.

Thanks, Bob W4ZST

12705. Looking for a TS-450 project radio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-12 01:46:51 UTC
From: zclobes@...
Topic: 12705 Message: 12705

I'm looking for a TS-450 project radio to fix up. Let me know what the symptoms are and what you'd like for it.

I'd also be interested in an TS-850 if it were a heck of a deal.

Zack Clobes, W0ZC

12706. Re: [TS-850_450_690] Looking for a TS-450 project radio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-12 11:26:48 UTC
From: Frank Fernandez
Topic: 12705 Message: 12706

Hi there I have a ts-690 for sale, I bought a couple of months ago. I belive it has a vco trimmer problem, turns on ok then in a couple of seconds frequency counter goes to ..... dots, looks very good cosmetic conditions id give it about a 7.5 original hand mic. Would sell for 250.00 plus s/h. if interested I could send in pics. or if need any more info let me know. bought it from a friend that told me he would move vco trimmer and it worked for some time. but one day it would not work anymore...

2014-05-11 21:46 GMT-04:00 zclobes@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com>:

>
>
> I'm looking for a TS-450 project radio to fix up. Let me know what the
> symptoms are and what you'd like for it.
>
> I'd also be interested in an TS-850 if it were a heck of a deal.
>
>
> Zack Clobes, W0ZC
>
>
>
>

12707. Re: [TS-850_450_690] Looking for a TS-450 project radio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-12 11:19:40 UTC
From: Dave Rust
Topic: 12705 Message: 12707

Zack, good idea. I bought one a couple years ago off Ebay. It needed the digital board behind the front panel. I found that luckily off Ebay within a day or so. Got the radio for a little over $200 and the board for about $60. if I remember correctly. Makes one nice radio when it was finished. I love those 450s's. Good luck with your search, I'm sure they are out there.
73
Dave W0DLR

12708. Re: [TS-850_450_690] Looking for a TS-450 project radio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-12 15:33:32 UTC
From: myyahoo@...
Topic: 12705 Message: 12708

There's one on eBay right now - sounds like a simple capacitor issue.

<http://www.ebay.com/itm/Kenwood-TS-450S-AT-HF-Transceiver-W-Built-In-Antenna-Tuner-Technician-Special-/271482527798?pt=US_Ham_Radio_Transceivers&hash=item3f359ea036>

- Richard, VE7CVS

12709. Re: [TS-850_450_690] TS-850 No VOX or Break-in

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-12 16:29:46 UTC
From: Bob Naylor
Topic: 12704 Message: 12709

Are you sure it's not settings? the VOX switch is also the CW break in switch. For VOX, is the level properly set on the back of the rig?
Example, I do not use VOX so I have the VOX level on the back of the rig turned all the way down so if the Break in/VOX switch is on, the radio will not transmit.
Bob WE6C

From: "w4zst@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 11, 2014 3:23 PM
Subject: [TS-850_450_690] TS-850 No VOX or Break-in

I'm new to this list. I have searched the 'net for info on my problem and also searched in the archives some.
I have two 805's here.

One has a problem in that it won't do VOX or CW
break-in (semi or full) but everything else is working OK.

It transmits both CW and phone by PTT with no problems.

I put in a new
memory battery and also the -6V supply board, both of which it needed, but
neither was the cause of the break-in problem.

I really expect that this is a pretty simple problem, but I haven't made much progress in troubleshooting.

Any help would be greatly appreciated.

Thanks, Bob W4ZST

12710. Re: [TS-850_450_690] Looking for a TS-450 project radio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-13 02:07:53 UTC
From: zclobes@...
Topic: 12705 Message: 12710

Frank, please contact me offline with some photos of the rig.

zclobes@gmail.com

12711. Ts-690s Audio . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-15 19:18:07 UTC
From: Tom Grant
Topic: 12711 Message: 12711

Having a problem with newly acquired
TS-690S no receive volume . . . .RF/AF fully clockwise . .
Very faint . .. .
Help!
Tom
-
l

12712. Re: Ts-690s Audio . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-17 02:19:06 UTC
From: zclobes@...
Topic: 12711 Message: 12712

Hard to say without more information. Do the buttons beep when you press them? That would help to establish if this is a problem in the AF section or further up stream in the RF/IF sections.

Do you register anything on the S-Meter?

12713. Re: Ts-690s Audio . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-17 03:58:44 UTC
From: tomwgrant@...
Topic: 12711 Message: 12713

replaced c104 . . . .
audio now great

12714. Re: TS-850 AM reception failure - Solved.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-18 21:45:44 UTC
From: ea1cxh@...
Topic: 12700 Message: 12714

It seems D32 on IF unit (1N60) was blown. I replaced it with a new one and voilà, now AM RX works again.

According to the service manual D32 acts as the AM detector.

12715. TS-450s strange problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-19 01:27:22 UTC
From: rogerio@...
Topic: 12715 Message: 12715

Dear friends,

My name is Rogerio Iguti, my callsign is PU2OYL (QRZ).

I have a TS-450S with a very strange problem, the power slower decreases during a contact, the power on 10 meters starts at 25w and slowly decreases for about 15w in 5 mimutes of talk.

The power at 40 meters starts at 80 watts and drops to 25 after 5 minutes.

This all using a phantom power(50 ohm) not an antenna.

When i tried to calibrate, i found some strange things:

The 60m BPF, the 3rd setting, asks for max 0,70vpp on my oscilloscope i can only get 0.2vpp.

The Antenna tunner does not work either.

Could please some one help me to troubleshoot my 450s?

Thank you.

12716. Re: [TS-850_450_690] TS-850 No VOX or Break-in

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-21 19:00:09 UTC
From: w4zst@...
Topic: 12704 Message: 12716

Bob, thanks for the info. I did try it with various setting of the VOX controls and what you say does make sense. I feel sure I did try it with the VOX gain increased. It is at a friends house right now, but when it comes home I will test that again. 73, Bob

12717. kenwood ts 450 and hrd

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-21 21:34:59 UTC
From: kf5jmj@...
Topic: 12717 Message: 12717

Hi everyone I get E-mails and messages every cople months asking how to get the 450 to work with hrd.I have been a little negligent in responding to some of the and would like to say I'm sorry if I had not responded to your inquiry.

In my original post I did not say how to do it so I'll try to give you a run down on how to do it.

1st you need a level converter kenwood made one that you can use if you are able to find it and have a serial port on your computer. The easiest way is to buy a usb to serial converter cable off ebay built for the ts 450. It will have the usb connector on one end and a din plug on the other end.

2nd when you get the cable you will load the driver then plug the cable in and let the computer find it and set it.

3rd you need to go into the control panel in windows select device manager select comport for the driver for your cable and adjust the speed it should be 4800. leave the rest set at 8,n,1. make a note of the comport number.
4th bring up hrd use the drop down menu and select kenwood, then select ts 450. The perpetrators should be the com port that was in the device manager if not change it then verify 8,n,1 matches. after that there are 3 check boxes the first and last boxes should be checked uncheck the first one and hit connect with the radio on you should connect with in 2 seconds if not wait till it fails and go back and check the first box and leave the 3rd box checked. that should be all there is to it. if you still have problems send me an email or you can catch me on the air wed. nights at 8pm cst on 3.908 mhz for my tech. net out of Houston Texas.

P.S. this also has been verified by me to work with the 650 and 850 radios.

73's and good luck kf5jmj

12718. Re: 690 dots on lower frequency display...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-26 16:45:24 UTC
From: Villy.Madsen@...
Topic: 12698 Message: 12718

Well, if it was an 850, I would say that either the master VCO has got problems.
In which case the first step would be to try and bring it back into adjustment. If that doesn't work, or the problem comes back, it would be time to replace the trimmer associated with it..

Villy VE6SQ

12719. RE: [TS-850_450_690] Re: 690 dots on lower frequency display...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-26 21:33:32 UTC
From: fransuti
Topic: 12698 Message: 12719

Hi there I have a 450 and a 690 I changed boards and it keeps doing the same thing .

Sent from my T-Mobile 4G LTE Device

-------- Original message --------
From: "Villy.Madsen@shaw.ca [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Date:05/26/2014 12:45 PM (GMT-05:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: 690 dots on lower frequency display...

Well, if it was an 850, I would say that either the master VCO has got problems.

In which case the first step would be to try and bring it back into adjustment. If that doesn't work, or the problem comes back, it would be time to replace the trimmer associated with it..

Villy VE6SQ

12720. CONNECT TS-850S PTT OUT TO TIMEWAVE DSP-599ZX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-27 13:46:11 UTC
From: desertyachter@...
Topic: 12720 Message: 12720

Does anyone know the detailed steps, identification and location, of the installation of the PTT out on the TS-850s to the PTT in of the Timewave DSP-599zx? Do you need a buffer, like the Ameritron, at the PTT out? I have thoroughly searched the group files and messages and no one has anwered that question by others. Thank you very much.

12721. Master VCO issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-27 15:12:48 UTC
From: Villy Madsen
Topic: 12721 Message: 12721

Some years ago, I replaced the trimmer in the master VCO with a glass piston trimmer.

Set it up and all was well.

Ignored it ever since.

A little background, almost all of my operating is digital - RTTY on the contests and some JT65 when the contests are not running. Last weekend I decided to get a few Qs in the WPX CW contest.

Hummm raspy CW signals - maybe a T7 or 8

Open the rig up & get the VOM out - 4.5V on the test point. A slight adjustment. 5.04 volts - good enough for government work as we used to say.

So, I'm wondering what is causing the drift??

Problem is solved for now - but I guess that it's a warning to listen to some CW once in while, just to make sure that everything is still ok.

Didn't seem to cause any grief on JT65 or RTTY

Villy VE6SQ

12722. Re: [TS-850_450_690] CONNECT TS-850S PTT OUT TO TIMEWAVE DSP-599ZX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-27 15:15:38 UTC
From: John tf
Topic: 12720 Message: 12722

I do not have info at coffee shop WIFI , but have used the Timewave unit .
I do not remember anything about there being an issue .
I tend to think your getting some confusion about using older amps that
have high voltage for keying , and that high voltage comes from the amp ?

John
KD0CAC

On Tue, May 27, 2014 at 8:46 AM, desertyachter@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Does anyone know the detailed steps, identification and location, of the
> installation of the PTT out on the TS-850s to the PTT in of the Timewave
> DSP-599zx? Do you need a buffer, like the Ameritron, at the PTT out? I have
> thoroughly searched the group files and messages and no one has anwered
> that question by others. Thank you very much.
>
>
>

12723. Re: [TS-850_450_690] Master VCO issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-27 15:20:39 UTC
From: Zack Widup
Topic: 12721 Message: 12723

Probably temperature change. I've noticed that mine drifts a little as I transmit and the innards warm up. I wouldn't think that a change from 5.0 to 4.5 volts would cause the raspy signals, though. When I had the raspy signals I measured the test point at 2.3 volts.

73, Zack W9SZ

On Tue, May 27, 2014 at 10:12 AM, Villy Madsen Villy.Madsen@...[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Some years ago, I replaced the trimmer in the master VCO with a glass
> piston trimmer.
>
> Set it up and all was well.
>
> Ignored it ever since.
>
> A little background, almost all of my operating is digital - RTTY on the
> contests and some JT65 when the contests are not running. Last weekend I
> decided to get a few Qs in the WPX CW contest.
>
> Hummm raspy CW signals - maybe a T7 or 8
>
> Open the rig up & get the VOM out - 4.5V on the test point. A slight
> adjustment. 5.04 volts - good enough for government work as we used to say.
>
> So, I'm wondering what is causing the drift??
>
> Problem is solved for now - but I guess that it's a warning to listen to
> some CW once in while, just to make sure that everything is still ok.
>
> Didn't seem to cause any grief on JT65 or RTTY
>
> Villy VE6SQ
>
>

12724. Re: [TS-850_450_690] Master VCO issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-27 18:17:13 UTC
From: Villy.Madsen@...
Topic: 12721 Message: 12724

My 850 was raspy at 4.5 Volts & not at 5.04.

It was cold when I measured it, I set it at 5.04 & ran it for about 10 hours - everything was T9.

Villy VE6SQ

12725. Re: 690 dots on lower frequency display...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-27 18:19:06 UTC
From: Villy.Madsen@...
Topic: 12698 Message: 12725

Did you recalibrate the VCO after replacing the board ???

Villy VE6SQ

12726. Re: [TS-850_450_690] Re: 690 dots on lower frequency display...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-05-28 01:10:16 UTC
From: Frank Fernandez
Topic: 12698 Message: 12726

yes sir !

2014-05-27 14:19 GMT-04:00 Villy.Madsen@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com>:

>
>
> Did you recalibrate the VCO after replacing the board ???
>
>
>
> Villy VE6SQ
>
>
>

12727. Which leaky caps do I replace in the TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-07 13:44:10 UTC
From: ku4xr@...
Topic: 12727 Message: 12727

Greetings all:

Before I start this repair, which electrolytics (in a general concensus) need to be replaced.
The IF Board part number, ie: C109 is what I need, to start looking up values.
Thanks for any advice.. 73 to all:

Andy - KU4XR

12728. Which leaky caps do I replace in the TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-07 04:33:11 UTC
From: Andy - KU4XR
Topic: 12727 Message: 12728

Before I start this repair, which electrolytics (in a general concensus) need to be replaced.
The IF Board part number, ie: C109 is what I need, to start looking up values.
Thanks for any advice.. 73 to all:

Andy - KU4XR

12729. Re: [TS-850_450_690] Which leaky caps do I replace in the TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-07 19:55:57 UTC
From: Jose V. Gavila
Topic: 12727 Message: 12729

Hello Andy,

I have fixed several TS-450S with a lone leaky cap... BUT that lone cap had done LOTS of damage. We are talking about a 3 hour job to do it right: I get the IF UNIT out of the rig. Then I remove THE leaking cap, which is C104. And then it is usually needed to remove CF1, CF2, CN13 and sometimes even CF3, because the leakage gets into the bottom of the filters and it should be removed before damage extends. All the area should be carefully cleaned with alcohol. Then I look carefully to all the PCB vias on that area. If they seem bad or if in doubt, I scrap the traces at both sides and get a wire through the vias, soldering it at both PCB sides. Beware with the via just below the large heatsink, close to L12, which is easy to miss and uses to be damaged.

Be also very careful with C104 connections, as they may seem to be OK but can be damaged. If so, there is no audio on the speaker.

If you do a careful work, rig will work as new for years to come (at least regarding that area :-)!)

Regards,

JOSE

El 07/06/2014 15:44, ku4xr@... [TS-850_450_690] escribió:
>
>
> Greetings all:
> Before I start this repair, which electrolytics (in a general concensus
>) need to be replaced.
> The IF Board part number, ie: C109 is what I need, to start looking up
> values.
> Thanks for any advice.. 73 to all:
>
> Andy - KU4XR

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12730. Re: Which leaky caps do I replace in the TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-07 19:55:43 UTC
From: wa5tku@...
Topic: 12727 Message: 12730

I had to replace C104. It is in series with the speaker so when it fails not audio.

Wes
WA5TKU

12731. Re: [TS-850_450_690] Which leaky caps do I replace in the TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-08 02:12:36 UTC
From: Dave Rust
Topic: 12727 Message: 12731

I replaced C104 and probably did a no no, I looked the board over very carefully and did not see any traces of leak damage. So I nipped the leads off the old C104 and soldered the new cap directly to them. I sticks up just a bit higher than previously from the factory, however, my hands are not as steady as they once were. So this worked for me. Do so at your own risk, but this was my fix.
Dave W0DLR 73

12732. Re: [TS-850_450_690] Which leaky caps do I replace in the TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-08 05:42:48 UTC
From: myyahoo@...
Topic: 12727 Message: 12732

Do be careful with alcohol - an IBM mainframe Customer Engineer educated me decades ago (I'm not saying how many decades :-)) - use 91% Isopropyl alcohol for cleaning electronics. You should be able to get it at a local drugstore. 99% Isopropyl contains benzene to get rid of the remaining water, and 70% contains camphor and other things and residues from either can be conductive. 91% contains 9% water, and both the alcohol and the water evaporate and leave nothing behind.

Do keep cleaning with fresh alcohol until everything is truly clean, you would be amazed how little crud it takes to mess up some boards.

As to the caps - replace any that show any signs of leaking. C104 is underated and almost certainly leaking - replace it with a capacitor with a higher voltage rating (25 volt or higher). Other caps can also have issues.

12733. My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-09 16:37:37 UTC
From: rob@...
Topic: 12733 Message: 12733

Hi.

I just went to turn on my trusty, reliable TS-850s this morning and this is what I found:

1) I turned the unit on, put to 20m and tuned around;
2) Audio sounded like AM on USB & LSB RX (I tried to switch, just incase someone was using LSB there...) with all filter settngs (1.8k, 6k & 12k)
3) Out of curiosity, I put it on AM, and set both AM & the ssb filters to 6k to compare: exact same sound RX!
4) I tried to TX in USB: a carrier that didn't seem to be affected by attempt at modulation by voice into mic.
5) Tried LSB TX: seems ok, but both U&LSB RX is stuck in AM mode (or at least so it sounds...)
6) Put rig in AM mode & TX'd while listening on other RX: output is AM & signal seems ok.
7) Put rig in FM mode & TX'd while listening on other RX: output is FM & signal seems ok.
8) Put rig in USB & TX'd while listening on other RX: output is AM (not FM).
9) Put rig in LSB & TX'd while listening on other RX: output is LSB.

I don't have much to test with anymore, as I sold most of my test equip. to finance an HP8702 LCA I need for
work, (which once I get it here will do what the other stuff did & then some, but untill then,) any help and/or
suggestions to try to narrow down further are greatly appreciated!

Thanks, Rob, VA3GRU.

12734. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-09 18:13:03 UTC
From: michael
Topic: 12733 Message: 12734

Rob,

One of the 3 850's I have get squirly now and then..and I have to do a system reset on the cpu.
Hopefully your Carr Board in not going...what serial number do you have.
If you can open and get to the Carr Board, you will see what's going on..hopefully no cap leakage.
The one I could not fix is listed as parts on an auction website. You can see the rough work I had redoing the
caps on the Carrboard, but I have gotten a lot better and have the SMD caps that are needed for another redo.
Once they leak...its a real pain.

Best of Luck,
Mike
N2KNW

On Mon, 6/9/14, rob@rfsys.ca [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Subject: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??
To: TS-850_450_690@yahoogroups.com
Date: Monday, June 9, 2014, 12:37 PM

Hi.

I just went to
turn on my trusty, reliable TS-850s this morning and this is
what I found:

1) I turned
the unit on, put to 20m and tuned around;
2)
Audio sounded like AM on USB & LSB RX (I tried to
switch, just incase someone was
    using LSB there...)
with all filter settngs (1.8k, 6k & 12k)
3) Out of curiosity, I put it on AM, and set
both AM & the ssb filters to 6k to compare: exact same
sound RX!
4) I tried to TX in USB: a carrier
that didn't seem to be affected by attempt at modulation
by voice into mic.
5) Tried LSB TX: seems
ok, but both U&LSB RX is stuck in AM mode (or at least

so it sounds...)
6) Put rig in AM mode &
TX'd while listening on other RX: output is AM &
signal seems ok.
7) Put rig in FM mode &
TX'd while listening on other RX: output is FM &
signal seems ok.
8) Put rig in USB &
TX'd while listening on other RX: output is AM (not
FM).
9) Put rig in LSB & TX'd while
listening on other RX: output is LSB.

I don't have much to test with anymore, as
I sold most of my test equip. to finance an HP8702 LCA I

need for
work, (which once I get it here
will do what the other stuff did & then some, but untill
then,) any help and/or
suggestions to try
to narrow down further are greatly appreciated!

Thanks, Rob, VA3GRU.

12735. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-10 13:47:43 UTC
From: rob@...
Topic: 12733 Message: 12735

Hi. Thanks for that info... Mine is a 60xxxxx serial no. (so no DDS chip issues) and the leaky caps on the CAR board were fixed long ago...

As an update: I turned it on again after letting it sit a while, and it worked all fb for about a half hour, then same thing again. Then, just out of curiosity, I put the rig in CW mode while it was still acting up and the rx of ssb is fine there, except for being off by the 500Hz tone shift...

This leads me to believe that issue is with the band switching mechanism. I will have to look into the board responsible and look for obvious issues like other caps that were missed (maybe other boards are subject to the leaky cap issue?...) not showing any signs of leakage at the time it was checked for this...

What is unusual is that the LSB seems ok. I went down to 3600MHz and tried, and it worked ok. Then I switched it into USB and same issue as on 20m: AM RX & TX, even with the carrier knob turned all the way down, which stumps me, as when I put it into AM, it does. This makes me wonder if the bandswitching mechanism is at issue at all: I would have assumed that if it's switching it into AM by mistake, it would work right? Also, the display reads correctly, saying USB when in USB and LSB when in LSB, etc., ... Maybe it's partially switching in or maybe there is some issue just past the logic that controls this...

In the meanwhile, I'll figure out which board / circuit is responsible for this and look around for obvious issues...

Thanks for your input! -73! Rob, VA3GRU.

12736. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-10 14:12:02 UTC
From: rob@...
Topic: 12733 Message: 12736

I did a master reset (pwr + a/b) & no sign of the issue re-appearing yet... I've got my fingers crossed but I'll keep updating...

12737. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-11 16:17:20 UTC
From: rob@...
Topic: 12733 Message: 12737

The problem has re-appeared: after using the radio all last night without issue, I turned the rig on this morning to find the same problem as before, evean after another master reset: the usb/lsb rx/tx seems to be in am mode even though the display indicates usb/lsb with ssb heard just fine when in cw mode...

Any advice / suggestions for troubleshooting are greatly appreciated.

Thanks, Rob, VA3GRU.

12738. Re: [TS-850_450_690] Master VCO issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-11 20:19:34 UTC
From: Zack Widup
Topic: 12721 Message: 12738

My TS-850 slowly became more and more raspy again after I adjusted the VCO LO2 to 5.0 volts about a month ago. I did some measurements this time and it became raspy at 4.5 volts. At 4.0 volts the radio was almost unusable. At some voltage lower than that, I got the "UL" CW message. I didn't measure that voltage this time.

I adjusted the capacitor so the voltage at the test point was 5.17 volts and it seemed to work fine there. But I have a feeling it is not going to hold.

Does anyone have a recommendation for a replacement capacitor to use for the trimmer in this VCO circuit?

73, Zack W9SZ

On Tue, May 27, 2014 at 1:17 PM, Villy.Madsen@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> My 850 was raspy at 4.5 Volts & not at 5.04.
>
>
>
> It was cold when I measured it, I set it at 5.04 & ran it for about 10
> hours - everything was T9.
>
>
>
> Villy VE6SQ
>
>
>

12739. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-12 00:10:19 UTC
From: rob@...
Topic: 12733 Message: 12739

Following a hunch, I have found that the cause is the humidity we've been having lately! My shack is in my basement, so this is exactly why it worked in the pm the other day, and wouldn't work during the humid morning / day, as when the moist outside air came in through the open window and ended up condensing inside. Taking a hair dryer to the open filter hatch fixes the issue (after a power off) repeatably. So, if anyone has this problem in the future and comes here for a potential cause & reads this, I suggest you go get your / your (x)yl's hair dryer, as this fixed mine right up...

I will also check & re-seat all the pcb screws to ensure that mediocre grounding is not part of the reason as well, as this was suggested to me by someone as well...

I now have a de-humidifier running 24/7 in the shack...

73! -Rob, VA3GRU.

12740. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-12 01:08:31 UTC
From: myyahoo@...
Topic: 12733 Message: 12740

If humidity is triggering the issue I would also look into board/circuit contamination. Humidity may be making some contaminant conductive. I would start by cleaning surfaces with 91% isopropyl alcohol. If that isn't enough, then start investigating contaminated parts (especially 'open' parts like trim caps) - and aging electrolytics that are being penetrated by humidity.

Being selective with the hot air might help isolate the area (or areas) of issue.

Intermittents like this are the bane of every tech's existence - but it feels oh, so good when you finally stomp them out!!!

- Richard, VE7CVS

12741. TS-450 and Tx in LSB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-12 14:07:19 UTC
From: on6dp@...
Topic: 12741 Message: 12741

Hallo,
I have a TS-450 and I have a problem when I'm transmitting in LSB (and LSB only)
The TX send 3 Khz up the RX frequency and of course I'm loosing power
If anybody has had the same problem and how to reolve it?
Thanks
73 de Paul, ON6DP

12742. Re: [TS-850_450_690] My 850 lost ssb mode rx/tx, stuck in am on u/lsb rx and usb tx (carr. out!) , lsb tx ok??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-15 17:53:02 UTC
From: rob@...
Topic: 12733 Message: 12742

Haha: I know *exactly* what you mean...

I will be going through the entire rig and cleaning everything I can, as well as making sure everything is tightened and seated correctly...

Thanks, 73! -Rob, VA3GRU.

12743. For Sale TS-450 SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-16 01:37:35 UTC
From: ki3fdar@...
Topic: 12743 Message: 12743

I need to make room in my shack, so my TS-450 SAT is for sale. It's in excellent condition, 9 out of 10. I'm the original owner, non-smoking environment and have had no issues with it. It puts out full power on all bands. It includes Inrad 250hz filters for both 8830 and 455 IF's, SP-23 speaker, original mic, Rigexpert Tiny for computer control and manuals. I'm looking for $550 shipped CONUS.

Denny - KI3F
sommerlied@gmail.com

12744. Re: [TS-850_450_690] For Sale TS-450 SAT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-16 02:38:01 UTC
From: Dave Rust
Topic: 12743 Message: 12744

Good Luck, Denny, I have a 450sat. I consider it the best radio I have owned. It will make someone a real nice piece of equipment.
Dave W0DLR

12745. SP-31 Kenwood Speaker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-06-30 03:19:58 UTC
From: kc9zar@...
Topic: 12745 Message: 12745

I'm looking to buy the matching speaker for my TS-850S
Thanks in advance!

David - KC9ZAR

Please look me up on QRZ and send email. This way I don't get spam.

12746. TS-870 Auto Tunner Tbls.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-08 07:36:24 UTC
From: WB4CIW@...
Topic: 12746 Message: 12746

Hi,
I've got a sudden problem with my 870's internal tuner. It only works on 17m.
One day everything was fine, and the next when I shift bands, the tune light comes on,
the receiver stays active, I hear nothing (clicking, whirling) and the tune light stays
on until I turn the rig off and back on.

Any thoughts?
Thank You
Frank
WB4CIW

12747. 870 Auto tuner failure

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-08 14:07:18 UTC
From: WB4CIW@...
Topic: 12747 Message: 12747

Hi All,
Yesterday everything was working fine. Today, the internal auto tuner only functions on 17m. When I switch to another band the tuner light comes on, but I here no whirling of motor, no sound of switches clicking, and the receiver remains active whereas before, the receiver would go silent as the transmitter and tuner worked together.

Any Ideas?
Frank
WB4CIW

12748. TS850_carrier null problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-16 13:40:37 UTC
From: cx8br@adinet.com.uy
Topic: 12748 Message: 12748

Hi all,

I have a problem with my TS850, I can not completely suppress the carrier,
ie achieving the minimum, but this does not last long and gets back only.
Change VR8 and related VR9 and some capacitors, but the problem persists.
Greater than 60dB cancellation is achieved, but as soon as it reaches this
minimum, the carrier back up.
The setting is made ??according to the service manual and also using a
nearby receiver.
If anyone has the solution because it has happened appreciate assistance
with this.

regards
Alex.

PD: sorry for the bad inglish..hihi.

12749. TS-850 display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-20 16:22:38 UTC
From: Zack Widup
Topic: 3022 Message: 12749

The display on my TS-850SAT has started to flicker and change brightness.
Any idea where I should look to fix this?

73, Zack W9SZ

12750. Re: [TS-850_450_690] TS-850 display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-20 16:58:19 UTC
From: ik8vze
Topic: 3022 Message: 12750

I had the same problem but the display was completely obscured in black, the intervention that I made on the display board was to replace the capacitor C18 I believe that you must inspect the display board often for some old tracks are oxidized and restore with a fiber pen to the circuit in case of oxidation. I hope to be signing a lot of help
73 de ik8vze & ac2lc Rizzuti Espedito

----- Original Message -----
From: Zack Widup w9sz.zack@gmail.com [TS-850_450_690]
To: TS-850_450_690
Sent: Sunday, July 20, 2014 6:22 PM
Subject: [TS-850_450_690] TS-850 display problem

The display on my TS-850SAT has started to flicker and change brightness. Any idea where I should look to fix this?

73, Zack W9SZ

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12751. Re: [TS-850_450_690] TS-850 display problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-20 17:11:23 UTC
From: Dave Rust
Topic: 3022 Message: 12751

I had C18 on my TS850s go bad, in the process I screwed up the board and the traces. I got disgusted and bought a replacement board (lucky) off Ebay and replaced it, it worked a-ok.

Good luck with the desoldering, mine wasn't so good.
Dave W0DLR

12752. TS-450SAT low receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-22 18:00:36 UTC
From: Tom Osborne
Topic: 12752 Message: 12752

Hi All

I have a TS-450SAT and the receive is low. I have 2 of them and the bad one seems to be about 2 S-units low in sensitivity. Is there an adjustment to increase the sensitity?

Thanks and 73
Tom W7WHY

12753. Re: [TS-850_450_690] TS-450SAT low receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-22 18:07:39 UTC
From: chris izatt
Topic: 12752 Message: 12753

You might want to check the IF board and look at c104 to make sure it is not leaking. I have the same radio and that cap leaked and i also had to run a jumper from the positive side of the cap to pin 4 on ic5. Need some more info and what you have tried. The IF board is under the bottom cover.

Good luck
Chris
Kc9kun
On Jul 22, 2014 1:00 PM, "Tom Osborne w7why@...m [TS-850_450_690]" <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi All
>

> I have a TS-450SAT and the receive is low. I have 2 of them and the bad
> one seems to be about 2 S-units low in sensitivity. Is there an
> adjustment to increase the sensitity?
>
> Thanks and 73
> Tom W7WHY
>
>
>

12754. Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 09:09:22 UTC
From: gsmsupp@...
Topic: 12754 Message: 12754

Hello,

Last evening i powered up my TS-850S to make some QSO's. Unfortunately after listening some frequencies i discovered that my rig is not transmitting, RX is perfect on all bands, all modes, but i have no TX. It was 100% working few hours ago...
Also if i try to tune the antenna it will tune continuous untill some "beeps" are heard...I suppose it cannot tune because no output power is present. I tryed also on dummy load with same result.

Anyone else got this problem? What to check ?

Thanks in advance,
Daniel , YO6OHD

12755. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 14:48:21 UTC
From: ik8vze
Topic: 12754 Message: 12755

in that location is the potentiometer CAR? if you have not checked the power output you have ALC what marks the instrumentation on the red line? or how many beeps signal that you can listen to?
73 to list de ik8vze&ac2lc espedito
----- Original Message -----
From: gsmsupp@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, July 26, 2014 11:09 AM
Subject: [TS-850_450_690] Kenwood TS-850S NO TX

Hello,

Last evening i powered up my TS-850S to make some QSO's. Unfortunately after listening some frequencies i discovered that my rig is not transmitting, RX is perfect on all bands, all modes, but i have no TX. It was 100% working few hours ago...
Also if i try to tune the antenna it will tune continuous untill some "beeps" are heard...I suppose it cannot tune because no output power is present. I tryed also on dummy load with same result.

Anyone else got this problem? What to check ?

Thanks in advance,
Daniel , YO6OHD

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12756. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 15:30:59 UTC
From: Tom Osborne
Topic: 12754 Message: 12756

You might do a reset. Once in a while my TS-450 does that and I have to check the 'transmit inhibit' in the menu. Somehow it gets changed and turns the transmit off. 73
Tom W7WHY

On 7/26/2014 2:09 AM, gsmsupp@... [TS-850_450_690] wrote:
> Hello,
>
> Last evening i powered up my TS-850S to make some QSO's. Unfortunately after listening some frequencies i discovered that my rig is not transmitting, RX is perfect on all bands, all modes, but i have no TX. It was 100% working few hours ago...
> Also if i try to tune the antenna it will tune continuous untill some "beeps" are heard...I suppose it cannot tune because no output power is present. I tryed also on dummy load with same result.
>
> Anyone else got this problem? What to check ?
>
>
> Thanks in advance,
> Daniel , YO6OHD
>
>

12757. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 15:53:17 UTC
From: gsmsupp@...
Topic: 12754 Message: 12757

I try to reset (A/B button pressed while power on), but still no TX.
ON AIR led working properly.

ALC meter/ AWR meter will not show anything :(

12758. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 16:55:23 UTC
From: ik8vze
Topic: 12754 Message: 12758

ok do some research on the internet, from the symptoms venture a hypothesis DDS chip on the CAR board,or a problem on the RF unit!I hope and I wish you an easy repair of the fault.
73
----- Original Message -----
From: gsmsupp@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, July 26, 2014 5:53 PM
Subject: Re: [TS-850_450_690] Kenwood TS-850S NO TX

I try to reset (A/B button pressed while power on), but still no TX.
ON AIR led working properly.

ALC meter/ AWR meter will not show anything :(

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12759. TS-450 audio burst then no audio?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 18:47:18 UTC
From: gfarough@...
Topic: 12759 Message: 12759

Hi group
When I switch bands I hear a short burst of audio and then it is gone...No audio any mode?
I have replaced IC5 Upc2002v.
I have replaced electrolytic caps RF board and IF unit board.
Any ideas?
Glen VA7CV
I have tested speaker jack and tested at the speaker pluig

12760. SSB Monitor Circuit Failed Today...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 21:39:20 UTC
From: steven.gehring@...
Topic: 12760 Message: 12760

All,

I was working an EA station just now as my SSB monitor circuit became intermittent, and has seemingly to have failed completely.

Transmitted SSB modulation appears to be unaffected.

Any ideas? Thanks in advance.

Regards,
Steven Gehring

12761. RE: [TS-850_450_690] TS-450 audio burst then no audio?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 23:16:44 UTC
From: Paul Manuel
Topic: 12759 Message: 12761

The squelch is not on, either turned up accidentally by the control or always on due to faulty component?

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

12762. Re: [TS-850_450_690] TS-450 audio burst then no audio?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-26 23:58:35 UTC
From: Glen Farough
Topic: 12759 Message: 12762

Tnx for idea. I was suspecting a squelch trouble. Looking for an internal adjustment in series with squelch control ? Will look service manual squelch circuit
De Glen VA7CV

Sent from my iPhone

> On Jul 26, 2014, at 4:16 PM, "Paul Manuel k4pdm@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
>
>
> The squelch is not on, either turned up accidentally by the control or always on due to faulty component?
>
> Sent from Yahoo Mail for iPhone
>
> From: gfarough@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com>;
> To: <TS-850_450_690@yahoogroups.com>;
> Subject: [TS-850_450_690] TS-450 audio burst then no audio?
> Sent: Sat, Jul 26, 2014 6:47:18 PM
>
>
>
> Hi group
>
> When I switch bands I hear a short burst of audio and then it is gone...No audio any mode?
>
> I have replaced IC5 Upc2002v.
>
> I have replaced electrolytic caps RF board and IF unit board.
>
> Any ideas?
>
> Glen VA7CV
>
> I have tested speaker jack and tested at the speaker pluig
>
>
>
>
>
>
>

12763. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-27 00:24:58 UTC
From: michael
Topic: 12754 Message: 12763

Yep, same problem..

Found out my kid turned the CAR knob all the way to zero...its gotta be at least at no. 6 or at one oclock...

also, my PWR was turned down....

When he pushed the wrong filters...I had no receive...

I have a locked cabinet now.

73
Mike

On Sat, 7/26/14, gsmsupp@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Subject: [TS-850_450_690] Kenwood TS-850S NO TX
To: TS-850_450_690@yahoogroups.com
Date: Saturday, July 26, 2014, 5:09 AM

Hello,

Last
evening i powered up my TS-850S to make some QSO's.
Unfortunately after listening some frequencies i discovered
that my rig is not transmitting, RX is perfect on all bands,
all modes, but i have no TX. It was 100% working few hours
ago...
Also if i try to tune the antenna it
will tune continuous untill some "beeps" are
heard...I suppose it cannot tune because no output power is
present. I tryed also on dummy load with same result.

Anyone else got this problem?
What to check ?

Thanks in advance,
Daniel ,
YO6OHD

12764. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-27 06:05:03 UTC
From: Dany
Topic: 12754 Message: 12764

It was my 1st ideea also...unfortunately i am still looking for a solution

Pe 27.07.2014, la 03:24, "michael n2knw@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> a scris:

>
> Yep, same problem..
>
> Found out my kid turned the CAR knob all the way to zero...its gotta be at least at no. 6
or at one oclock...
>
> also, my PWR was turned down....
>
> When he pushed the wrong filters...I had no receive...
>
> I have a locked cabinet now.
>
> 73
> Mike
> ---
> On Sat, 7/26/14, gsmsupp@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> Subject: [TS-850_450_690] Kenwood TS-850S NO TX
> To: TS-850_450_690@yahoogroups.com
> Date: Saturday, July 26, 2014, 5:09 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Hello,
>
> Last
> evening i powered up my TS-850S to make some QSO's.
> Unfortunately after listening some frequencies i discovered
> that my rig is not transmitting, RX is perfect on all bands,
> all modes, but i have no TX. It was 100% working few hours
> ago...

> Also if i try to tune the antenna it
> will tune continuous untill some "beeps" are
> heard...I suppose it cannot tune because no output power is
> present. I tryed also on dummy load with same result.
>
> Anyone else got this problem?
> What to check ?
>
>
> Thanks in advance,
> Daniel ,
> YO6OHD
>
>
>
>
>
>
>
>
>
>
>
>
>

12765. Re: [TS-850_450_690] SSB Monitor Circuit Failed Today...

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-27 12:23:30 UTC
From: John tf
Topic: 12760 Message: 12765

Try spinning the monitor volume knob & clicking the monitor on /off button
many times , while monitoring to see if there is a reaction .
older rigs often suffer from loss of connection in pots .

John
KD0CAC

On Sat, Jul 26, 2014 at 4:39 PM, steven.gehring@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> All,
>
> I was working an EA station just now as my SSB monitor circuit became
> intermittent, and has seemingly to have failed completely.
>
> Transmitted SSB modulation appears to be unaffected.
>
> Any ideas? Thanks in advance.
>
> Regards,
> Steven Gehring
>
>
>
>
>

12766. Re: TS-450 audio burst then no audio?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-27 21:30:04 UTC
From: gfarough@...
Topic: 12759 Message: 12766

Update on audio trouble TS-450
The new IC5 UPC2002v is operating too warm? Hot to touch
All 5 solder connections seems good?
Maybe something in circuit loading it down?
I can restore audio jumping pin 4 to the speaker jack
The hot audio amp is shutting down?
Fun fun
de Glen VA7CV
Anyone have a very warm IC5 amp?

12767. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-28 18:46:00 UTC
From: Bob Naylor
Topic: 12754 Message: 12767

Is the "carrier" level up half way or so? If it's turned down, there's no output for the auto-tuner.
Bob WE6C

On Saturday, July 26, 2014 11:26 PM, "Dany gsmsupp@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

It was my 1st ideea also...unfortunately i am still looking for a solution

Pe 27.07.2014, la 03:24, "michael n2knw@yahoo.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> a scris:

>
>Yep, same problem..
>
>Found out my kid turned the CAR knob all the way to zero...its gotta be at least at no. 6 or at one oclock...
>
>also, my PWR was turned down....
>
>When he pushed the wrong filters...I had no receive...
>
>I have a locked cabinet now.
>
>73
>Mike
>--
>On Sat, 7/26/14, gsmsupp@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>Subject: [TS-850_450_690] Kenwood TS-850S NO TX
>To: TS-850_450_690@yahoogroups.com
>Date: Saturday, July 26, 2014, 5:09 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>Hello,
>

>Last
>evening i powered up my TS-850S to make some QSO's.
>Unfortunately after listening some frequencies i discovered
>that my rig is not transmitting, RX is perfect on all bands,
>all modes, but i have no TX. It was 100% working few hours
>ago...
>Also if i try to tune the antenna it
>will tune continuous untill some "beeps" are
>heard...I suppose it cannot tune because no output power is
>present. I tryed also on dummy load with same result.
>
>Anyone else got this problem?
>What to check ?
>
>
>Thanks in advance,
>Daniel ,
>YO6OHD
>
>
>
>
>
>
>
>
>
>
>
>
>

12768. Re: [TS-850_450_690] Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-28 19:29:47 UTC
From: ik8vze
Topic: 12754 Message: 12768

I think that something more serious than the regulation of the CAR, can I ask if he ssb cw output in watts and only with the ptt microphone output is zero watts? I guess it must investigate more 'on the RF unit and the final unit
ik8vze-ac2lc Espedito
----- Original Message -----
From: Bob Naylor wotbob01@... [TS-850_450_690]
To: TS-850_450_690@...m
Sent: Monday, July 28, 2014 8:46 PM
Subject: Re: [TS-850_450_690] Kenwood TS-850S NO TX

Is the "carrier" level up half way or so? If it's turned down, there's no output for the auto-tuner.
Bob WE6C

On Saturday, July 26, 2014 11:26 PM, "Dany gsmsupp@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

It was my 1st ideea also...unfortunately i am still looking for a solution

Pe 27.07.2014, la 03:24, "michael n2knw@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> a scris:

Yep, same problem..

Found out my kid turned the CAR knob all the way to zero...its gotta be at least at no. 6 or at one oclock...

also, my PWR was turned down....

When he pushed the wrong filters...I had no receive...

I have a locked cabinet now.

73
Mike

On Sat, 7/26/14, gsmsupp@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Subject: [TS-850_450_690] Kenwood TS-850S NO TX
To: TS-850_450_690@yahoogroups.com
Date: Saturday, July 26, 2014, 5:09 AM

Hello,

Last
evening i powered up my TS-850S to make some QSO's.
Unfortunately after listening some frequencies i discovered
that my rig is not transmitting, RX is perfect on all bands,

all modes, but i have no TX. It was 100% working few hours
ago...
Also if i try to tune the antenna it
will tune continuous untill some "beeps" are
heard...I suppose it cannot tune because no output power is
present. I tryed also on dummy load with same result.

Anyone else got this problem?
What to check ?

Thanks in advance,
Daniel ,
YO6OHD

12769. Re: Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-28 22:11:28 UTC
From: gsmsupp@...
Topic: 12754 Message: 12769

Carrier knob is at maximum as i mentioned before...
There is no tx power in any band/any mode at all.
I was hoping someone will give me some advice on what to check but looks nobody got this problem in the past.

12770. Re: [TS-850_450_690] Re: Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-29 16:55:37 UTC
From: ik8vze
Topic: 12754 Message: 12770

find on page 128-130 of the service manual kenwood ts-850, identify voltages, bias voltages of the BIAS of the final call txb check if it arrives or no power when transmitting. Follow the path starting from the form to get to the end plate 3080 x48-placed in the lower side of the apparatus on the left looking at the front panel. get to pistrina rtx x59-3680 service manual page 159. When the voltage of 8 volts TXB comes from a pnp transistor q152, q152 look at the board to see if it is burnt or unsoldered.
if it is blown replace it with a BC327 soldered directly on the pins of the ticket, sguendo order: the emitter and collector pin 7 to pin 5 and the base blend it with a small wire at the junction of 151 and 152 r (SMD)) side components.
finished txb the voltage on the collector of the new transistr begin to show signs of life, but if its value is instead of 8volt but less than 5 volts will have an overage protection that sends the controller card 7808 x46-d / 4 of line 8 A.
TRASLATE THE LINK PAGE ORIGINAL

http://www.webalice.it/crapellavittorio/electronic/TS850.htm

GOOD LUCK IK8VZE-AC2LC ESPEDITO RIZZUTI

----- Original Message -----
From: gsmsupp@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, July 29, 2014 12:11 AM
Subject: [TS-850_450_690] Re: Kenwood TS-850S NO TX

Carrier knob is at maximum as i mentioned before...
There is no tx power in any band/any mode at all.
I was hoping someone will give me some advice on what to check but looks nobody got this problem in the past.

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12771. Re: [TS-850_450_690] Re: Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-29 17:07:38 UTC
From: Bob Naylor
Topic: 12754 Message: 12771

The "carrier" is turned up at least half way, right? Not the RF power out.

On Tuesday, July 29, 2014 9:55 AM, "'ik8vze' ik8vze@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

□
find on page 128-130 of the service
manual kenwood ts-850, identify voltages, bias voltages of the BIAS of
the final call txb check if it
arrives or no power when transmitting. Follow the path starting from the form to get to the end plate 3080 x48-placed in the lower side of the apparatus on the left looking at the front panel. get to pistrina rtx x59-3680 service manual page 159. When the voltage of 8 volts TXB comes from a pnp
transistor q152, q152 look at the
board to see if it is burnt or unsoldered.
if it is
blown replace it with a BC327 soldered directly on the pins of the ticket, sguendo order: the emitter and collector pin 7 to
pin 5 and the base blend it with a small wire at the junction of 151
and 152 r (SMD)) side components.
finished txb the
voltage on the collector of the
new transistr begin to show signs of life, but if its value is instead of 8volt but less than 5 volts will have an overage protection that sends the controller card 7808 x46-d / 4 of line 8 A.
TRASLATE THE LINK PAGE ORIGINAL

http://www.webalice.it/crapellavittorio/electronic/TS850.htm

GOOD LUCK IK8VZE-AC2LC ESPEDITO RIZZUTI

----- Original Message -----
>From: gsmsupp@... [TS-850_450_690]
>To: TS-850_450_690@yahoogroups..com
>Sent: Tuesday, July 29, 2014 12:11 AM
>Subject: [TS-850_450_690] Re: Kenwood TS-850S NO TX
>
>
>Carrier knob is at maximum as i mentioned before...
>There is no tx power
in any band/any mode at all.
>I was hoping someone will give me some advice
on what to check but looks nobody got this problem in the past.
>
>>_________________________________
>
> Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .
>

12772. Re: [TS-850_450_690] Re: Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-07-29 17:14:45 UTC
From: ik8vze
Topic: 12754 Message: 12772

right! 73 to list de ik8vze-ac2lc Espedito
----- Original Message -----
From: Bob Naylor wotbob01@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, July 29, 2014 7:07 PM
Subject: Re: [TS-850_450_690] Re: Kenwood TS-850S NO TX

The "carrier" is turned up at least half way, right? Not the RF power out.

On Tuesday, July 29, 2014 9:55 AM, "'ik8vze' ik8vze@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:

☐
find on page 128-130 of the service manual kenwood ts-850, identify voltages, bias voltages of the BIAS of the final call txb check if it arrives or no power when transmitting. Follow the path starting from the form to get to the end plate 3080 x48-placed in the lower side of the apparatus on the left looking at the front panel. get to pistrina rtx x59-3680 service manual page 159. When the voltage of 8 volts TXB comes from a pnp transistor q152, q152 look at the board to see if it is burnt or unsoldered.
if it is blown replace it with a BC327 soldered directly on the pins of the ticket, sguendo order: the emitter and collector pin 7 to pin 5 and the base blend it with a small wire at the junction of 151 and 152 r (SMD)) side components.
finished txb the voltage on the collector of the new transistr begin to show signs of life, but if its value is instead of 8volt but less than 5 volts will have an overage protection that sends the controller card 7808 x46-d / 4 of line 8 A.
TRASLATE THE LINK PAGE ORIGINAL

http://www.webalice.it/crapellavittorio/electronic/TS850.htm

GOOD LUCK IK8VZE-AC2LC ESPEDITO RIZZUTI

----- Original Message -----
From: gsmsupp@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups..com
Sent: Tuesday, July 29, 2014 12:11 AM
Subject: [TS-850_450_690] Re: Kenwood TS-850S NO TX

Carrier knob is at maximum as i mentioned before...
There is no tx power in any band/any mode at all.
I was hoping someone will give me some advice on what to check but looks nobody got this problem in the past.

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12773. TS-450S - FM S-Meter OK, no S-Meter in any other mode....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-05 02:52:22 UTC
From: wb4kdi@...
Topic: 12773 Message: 12773

Anybody seen this one before?

S-Meter signal OK at pin 17 CN 4 on digital unit in all modes. There must be another logic signal coming from somewhere else that is turning off the S-Meter display for all modes but FM.

Weird -- Feels like a firmware bug or EPROM lost a bit somewhere.

djb

12774. Re: [TS-850_450_690] TS-450S - FM S-Meter OK, no S-Meter in any other mode....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-05 03:45:32 UTC
From: Jason Ball
Topic: 12773 Message: 12774

RF Gain control adjustment ?

J.

On Tue, Aug 5, 2014 at 12:52 PM, wb4kdi@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Anybody seen this one before?
>
>
> S-Meter signal OK at pin 17 CN 4 on digital unit in all modes. There must
> be another
>
> logic signal coming from somewhere else that is turning off the S-Meter
> display
>
> for all modes but FM.
>
>
> Weird -- Feels like a firmware bug or EPROM lost a bit somewhere.
>
>
> djb
>
>
>

--
--
Teach your kids Science, or somebody else will :/

jason@...
vk2vjb@... <vk2flnx@...>
callsign: vk2vjb

12775. Re: [TS-850_450_690] TS-450S - FM S-Meter OK, no S-Meter in any other mode....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-05 15:11:28 UTC
From: cx8br@adinet.com.uy
Topic: 12773 Message: 12775

Hello, I had a similar problem with my TS850, the smeter not work in any way.
The problem was a 0.01uF capacitor that is not in the schematic diagram, and as decoupling is one of the ACC2 connector pin 6 on the IF unit. In the schematic the wire as mark with "SM" line.
Remove it and the problem disappeared.

I hope the data will help.

73
Alex.
CX8BR

>----Original Message----
>De: TS-850_450_690@yahoogroups.com
>Fecha: 05/08/2014 03:45
>Para: <TS-850_450_690@yahoogroups.com>
>Asunto: Re: [TS-850_450_690] TS-450S - FM S-Meter OK, no S-Meter in any other mode....
>
>RF Gain control adjustment ?
>
>
>J.
>
>
>
>
>On Tue, Aug 5, 2014 at 12:52 PM, wb4kdi@... [TS-850_450_690] <
>TS-850_450_690@yahoogroups.com> wrote:
>
>
>>
>>
>> Anybody seen this one before?
>>
>>
>> S-Meter signal OK at pin 17 CN 4 on digital unit in all modes. There must
>> be another
>>
>> logic signal coming from somewhere else that is turning off the S-Meter
>> display
>>
>> for all modes but FM.
>>

>>
>> Weird -- Feels like a firmware bug or EPROM lost a bit somewhere.
>>
>>
>> djb
>>
>>
>>
>
>
>
>
>
>
>--
>--
>Teach your kids Science, or somebody else will :/
>
>
>jason@...
>vk2vjb@... <vk2flnx@...>
>callsign: vk2vjb
>

12776. New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-15 00:05:47 UTC
From: twilliam@...
Topic: 12776 Message: 12776

Hello Group,
Thank you for having me. I am an Extra Class ham in Southern Ohio licensed about 25 years and have owned and operated a TS-450SAT for about 20 years. I have other radios now but I always go back to my first love and have it on most every night. I have used it on most modes and use a SignaLink for the digital modes.
When I bought it new, that was a tremendous amount of money to me and I longed for some of the accessories but could not afford them. Now that it is an "old" radio I have picked up a few things on eBay, such as both 500Hz CW filters.
I have been watching for an SSB filter (the YK-88S-1) but have only seen the narrow 1.8 kHz version and I don't like the tinny sound of those. Anyone have a lead on a 2.4 kHz filter or have one for sale?
I look forward to being a part of this list. Thanks again for letting me join up.
73,
Tony KB8MVP

12777. Re: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-15 16:02:32 UTC
From: email4utoo@...
Topic: 12776 Message: 12777

Seen at least three today on Ebay , for the YK-88S-1, SSB Filter, good luck , AJ W5heh 73s

12778. Re: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 03:09:06 UTC
From: twilliam@...
Topic: 12776 Message: 12778

Thanks, AJ. I should have noted that the TS-450S takes the plugin version of the YK-88S-1 (The filter module is mounted on a small circuit board) while the ones currently listed on eBay are the solder-in types for the TS-830, 440 and others. I have watched eBay for a long time and have not seen any of the TS-450 type listed.
A couple of responders off-list suggested the Inrad 2.1 kHz filter as better than the original Kenwood filter. I will likely buy one of those as they are still available.
Thanks for all of the help.
73,
Tony KB8MVP

12779. Re: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 11:51:07 UTC
From: A
Topic: 12776 Message: 12779

Tony, Thanks for sharing that tip on the 2.1 inrad Filter exceeding the ol' 2.4 , what power supply are you using with your TS450 ? I plan to use one that is max 20.5 wondering if it will be adequate . 73s , AJ w5heh

12780. Re: [TS-850_450_690] Re: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 14:42:40 UTC
From: Dave Haring
Topic: 12776 Message: 12780

20 will be fine. 15 will handle most SSB but will trip on CW and digi.

On Sat, Aug 16, 2014 at 7:51 AM, A email4utoo@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Tony, Thanks for sharing that tip on the 2.1 inrad Filter exceeding the
> ol' 2.4 , what power supply are you using with your TS450 ? I plan to use
> one that is max 20.5 wondering if it will be adequate . 73s , AJ w5heh
>
>

12781. Question on Selling Loaded TS-850S Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 15:27:36 UTC
From: packardg@...
Topic: 12781 Message: 12781

I just acquired a very nice TS-870 and will be selling my TS-850S station 1995 model year in near mint condition. My question to the forum is this: I have the radio completely loaded - 3 filters, VS-2 and DRU-2. I will be selling the radio with the MC-60 mic and SP-31 speaker. The whole station if sold individually is worth over $1,400. Should I sell it as a package for $1,200 or sell all the components individually. I am having a hard time deciding how to sell the equipment as a package or separately. Thanks.Glenn - K4ZOT

12782. Re: [TS-850_450_690] New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 16:30:49 UTC
From: Bryan Swadener
Topic: 12776 Message: 12782

Tony,

The filters w/ the -1 suffix ARE the plug-in versions. The filters w/o the -1 suffix are solder-in. Also, the YK-88S-1 filter is what comes with the TS-450S (and many other Kenwood HF rigs). You shouldn't need another unless yours is missing or defective.

And, instead of the OEM part, you might consider what InRad has to offer. They tend to have steeper skirts (better selectivity) than what Kenwood offers. They're of course more expensive but, it's a one-time expense. At $200 each, I've purchased their roofing filter for my TWO TS850S rigs, and would do it again. Eventually, I want to switch the other IF filters as well.

vy 73,
Bryan WA7PRC

>_____
>
>Subject: Re: New member and WTB YK-88S-1 Filter
>From: Tony KB8MVP
>Date: Fri Aug 15, 2014 8:31 pm ((PDT))
>
>Thanks, AJ. I should have noted that the TS-450S takes the plugin version of the YK-88S-1 (The filter module is mounted on a small circuit board) while the ones currently listed on eBay are the solder-in types for the TS-830, 440 and others. I have watched eBay for a long time and have not seen any of the TS-450 type listed.
>A couple of responders off-list suggested the Inrad 2.1 kHz filter as better than the original Kenwood filter. I will likely buy one of those as they are still available.
>Thanks for all of the help.
>73,
>Tony KB8MVP
>
>

12783. Fw: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 17:22:38 UTC
From: michael
Topic: 12783 Message: 12783

On Saturday, August 16, 2014 9:11 AM, michael <n2knw@yahoo.com> wrote:

Tony,

This is what I have done with my Kenwood ts 850...Since you are looking for a filter.

I have bought a 'cheap' Trio or Kenwood yk-88s and 88 sn which is of course soldier in used for various rigs like the

kenwood ts 430.

I have then bought someones plugin...again 'cheap' Kenwood cw filter like the yk-88c-1

I have then removed the cw filter from the board...ez two ground points and four lead points.

And then swapped them and installed the yk 88sn (1.8 KHz) onto the board...and thus placed it after solder into the 850.

Enclosed is a pic of my rig with a SN solder in filter on a swapped board...

Let me know how your hunt goes.

Regards,
Mike
N2KNW

[Non-text portions of this message have been removed]

12784. Re: [TS-850_450_690] New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 20:31:26 UTC
From: twilliam@...
Topic: 12776 Message: 12784

Hi Bryan,
I thought that the -1 meant plug-in filters but some of the ones for sale on eBay are marked YK-88S-1 but are solder-in. Perhaps at some point they were desoldered from the carrier boards.
It looks unanimous that the Inrad filters are the way to go. I can get a 2.1 kHz which is narrower yet not so narrow as to sound tinny.
I'm sure you love your 850s - excellent rigs and the roofing filters are a great addition.
Thanks and 73,
Tony KB8MVP

12785. Re: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 20:24:38 UTC
From: twilliam@...
Topic: 12776 Message: 12785

HI AJ,
For many years I used an Astron RS-50M and it has been great but it is very large and heavy. This year I tried a small MFJ switching supply, the 4230MVP. It is tiny and has Power Pole connectors. It was been great for me. When I key down at full power with my TS-450S it draws 17 Amps. You want a supply rated at least that much continuous. The MFJ is rated 25A continuous. So far, I love the little MFJ - I have not picked up any RF interference from it, which is always a risk with switching supplies.
73,
Tony KB8MVP

12786. Re: Fw: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-16 21:00:13 UTC
From: twilliam@...
Topic: 12783 Message: 12786

Mike,
That is a great, creative idea. If I can get the SSB filter in solder-in plus a cheap CW filter in plug-in I can swap modules and have the plug-in SSB filter.
Hams are always thinking outside of the box.
Back to eBay to do more shopping.
73,
Tony KB8MVP

12787. TS-690S AUDIO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-17 15:12:47 UTC
From: steverogers20@...
Topic: 12787 Message: 12787

HI ALL
I HAVE A KENWOOD TS-690S WHEN I PRESS THE AIP BUTTON
THE AUDIO GOS NO SOUND AT ALL PRESS AIP OFF AUDIO RETURNS
ANY IDEAS ANYONE
MANY THANKS

12788. Re: New member and WTB YK-88S-1 Filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-17 15:58:21 UTC
From: email4utoo@...
Topic: 12776 Message: 12788

thanks all who advised on a proper power supply for a ts450 , appreciate your help, 73s, AJ W5heh

12789. Re: [TS-850_450_690] Question on Selling Loaded TS-850S Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-18 18:44:37 UTC
From: Crownhaven
Topic: 12781 Message: 12789

Depends on how much money you need and how much trouble you want to go
to parting out the set-up. You will obviously make more money parting
it out. I also think it would be easier to sell that way.

Steve, N4JQQ

On 8/16/2014 10:27 AM, packardg@... [TS-850_450_690] wrote:
>
> I just acquired a very nice TS-870 and will be selling my TS-850S
> station 1995 model year in near mint condition. My question to the
> forum is this: I have the radio completely loaded - 3 filters, VS-2
> and DRU-2. I will be selling the radio with the MC-60 mic and SP-31
> speaker. The whole station if sold individually is worth over $1,400.
> Should I sell it as a package for $1,200 or sell all the components
> individually. I am having a hard time deciding how to sell the
> equipment as a package or separately. Thanks.Glenn - K4ZOT
>
>

12790. Re: Question on Selling Loaded TS-850S Station

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-18 19:13:59 UTC
From: Chris Kepus
Topic: 12781 Message: 12790

Best way to decide is based on how much effort you want to put into selling it.

First thing I'd do is check the SOLD prices for your stuff on eBay. You'll quick gain a range of values folks are willing to spend. Do the same thing with the individual components you can (or are willing to remove).

Once you've done all the math and pick a price for which you're willing to sell, deduct approximately 16% for the selling cost on eBay/PayPal. Then put it up for sale on this reflector and other non-fee sites. You'll now have a very realistic basis as to whether to accept a given offer.or not. Good luck.

73,

Chris

"Any day above ground is a good day"

[Non-text portions of this message have been removed]

12791. RTTY tones not centered in passband

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-29 21:14:33 UTC
From: kd7gti@...
Topic: 12791 Message: 12791

I am trying to set up my TS-850 for fsk using MMTTY and N1MM. It has a pair of Inrad 400hz filters. Problem is the Mark and Space tones aren't centered in the passband - in fact if I center them using MMTTY, they are about 100hz off of the TX freq. Slope Tune doesn't help and can't find any other adjustments to move the TX to align with RX when centered in the passband. Is this an alignment issue with my rig or do the filters have a problem? I looked back
in the archives of one of the groups and someone suggested this might be the case but that's

where the thread stopped.

Thanks,
73, Doug - N7NM

12792. Re: RTTY tones not centered in passband

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-30 15:30:04 UTC
From: Villy.Madsen@...
Topic: 12791 Message: 12792

Hi Doug

I ran into much of the same issues when I loaded up my ts850 with inrad filters as well

2x2.1 2x270 and a 250hz

One of the problems is that the slope tuning range for each filter is based upon what Kenwood expects to see in that particular slot!

What I usually do on RTTY (I work as many RTTY contests as I can find time for) is use the 2.1 khz with slope tuning...

Remember - the slope tuning is based upon what Kenwood expects to be in each filter slot, so insert the crystals accordingly

Villy VE6SQ

12793. ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-31 13:03:51 UTC
From: elo2@...
Topic: 12793 Message: 12793

Just purchased a beautiful 850s, currently use it with an MC85.

Using processor on the radio and hi boost selected

Tx audio seems very flat and not great without the proc and high boost.

Just wondered how other people are setting up the radio and what mics they are using ?

Regards

Russ

12794. TS-850 display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-31 18:24:52 UTC
From: Zack Widup
Topic: 7493 Message: 12794

Finally got around to fixing the display problem on my TS-850. The culprit was C18, 470 uF @ 16v. It had leaked and corroded the board at its connections. A couple jumper wires fixed that. I replaced it with a 470 @ 25 volts. Bigger cap but there's LOTS of room in this area of the board.

They couldn't have made that display board any easier to get out, could they? Five screws and one ribbon connector.
:-)

73, Zack W9SZ

12795. Re: [TS-850_450_690] TS-850 display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-08-31 18:44:59 UTC
From: ik8vze
Topic: 7493 Message: 12795

Very nice Zack W9SZ congratulations
73 de Espedito ik8vze & ac2lc
----- Original Message -----
From: Zack Widup w9sz.zack@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, August 31, 2014 8:24 PM
Subject: [TS-850_450_690] TS-850 display

Finally got around to fixing the display problem on my TS-850. The
culprit was C18, 470 uF @ 16v. It had leaked and corroded the board at
its connections. A couple jumper wires fixed that. I replaced it with
a 470 @ 25 volts. Bigger cap but there's LOTS of room in this area of
the board.

They couldn't have made that display board any easier to get out,
could they? Five screws and one ribbon connector.
:-)

73, Zack W9SZ

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12796. For Sale: Exc. Cond TS-850S - serial #70M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-01 03:33:46 UTC
From: packardg@...
Topic: 12796 Message: 12796

For Sale: An excellent condition and operating Kenwood TS-850S 100 watt 160-10M transceiver with built-in auto antenna tuner. This is a difficult to find last production run of the TS-850S – serial number #70M with the “newer DDS chips”. Overall condition is a 9.5+/10. Included is the original manual, hand microphone, YK-88S-1 SSB filter, power cord and original Kenwood shipping box with foam inserts. I am selling the radio because I found a great deal on an end of production run TS-870S and can not afford to keep both radios. Price: $750 + shipping. Prefer PayPal or USPS MO. Radio will be double boxed, securely packaged and insured.

Extras – sold individually or can be sold as a complete package – see below.

MC-60A mic – VGC with manual: $75.
SP-31 matching TS-850S Speaker with three filers – EC: $90.
DRU-2 Digital Recording Unit (voice & CW) - $90.
VS-2 Voice Synthesizer Unit - $75.
YG-455C-1 500 Hz CW filter - $90.
YK-88SN-1 1.8 KHz SSB Filter - $90.
Original Kenwood TS-850 Sales Brochure (color – 8 pages) – EC $20.
Original Kenwood 1995 General Radio Catalog (color – 8 pages) – EC $15.

Complete package is $1,100 (includes all items above – nearly $200 savings). Package will only be broken up after this post is posted for three days. I would prefer to sell as a complete package especially the filters which really boost the performance of this radio. Also, the DRU-2 recording unit is a very nice addition to the radio especially when contesting. The VS-2 Voice Synthesizer is also a great addition for any Hams with eyesight issues. To find all of these extras in one TS-850S is very rare these days. All of the extras installed makes it a very fine radio.

Thanks,

Glenn – K4ZOT
packardg@bellsouth.net mailto:packardg@bellsouth.net

12797. Re: [TS-850_450_690] TS-850 display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-01 16:13:31 UTC
From: Bob Naylor
Topic: 7493 Message: 12797

Zack, I assume you have to get the front panel off first??? Is that tricky? I've never had to do it.
Bob WE6C

On Sunday, August 31, 2014 11:44 AM, "'ik8vze' ik8vze@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

☐
Very nice Zack W9SZ congratulations
73 de Espedito
ik8vze & ac2lc
----- Original Message -----
>From: Zack Widup w9sz.zack@... [TS-850_450_690]
>To: TS-850_450_690@yahoogroups.com
>Sent: Sunday, August 31, 2014 8:24 PM
>Subject: [TS-850_450_690] TS-850 display
>
>
>Finally got around to fixing the display problem on my TS-850. The
>culprit was C18, 470 uF @ 16v. It had leaked and corroded the board
at
>its connections. A couple jumper wires fixed that. I replaced it
with
>a 470 @ 25 volts. Bigger cap but there's LOTS of room in this area
of
>the board.
>
>They couldn't have made that display board any easier
to get out,
>could they? Five screws and one ribbon
connector.
>:-)
>
>73, Zack W9SZ
>
>
>>_____
>
> Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus .
>

12798. Wiring Harness/Coax Jumper Connections

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-01 16:22:37 UTC
From: k0lsr@...
Topic: 12798 Message: 12798

I bought a TS-850 from a ham who had removed most of the components to replace the wiring harness. Does anyone know of any source that shows or describes exactly which points each coax jumper connects? I have gotten some information from photos online but there must have been some set of instructions for us during construction at Kenwood. Any help will be appreciated.

12799. Re: [TS-850_450_690] TS-850 display

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-01 16:28:12 UTC
From: Zack Widup
Topic: 7493 Message: 12799

Actually, no; it is extremely easy.

All the cables to the front panel are at the bottom. So I removed the top two screws for the front panel, loosened the two lower ones a bit and pivoted the front panel downward to a right angle with the chassis. The display board is right there. Remove five screws and one ribbon cable and it's out. It couldn't get any easier.

73, Zack W9SZ

On 9/1/14, Bob Naylor wotbob01@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:
> Zack, I assume you have to get the front panel off first??? Is that tricky?
> I've never had to do it.
> Bob WE6C
>
>
> On Sunday, August 31, 2014 11:44 AM, "'ik8vze' ik8vze@...
> [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
>
>
>
>
>
> □
> Very nice Zack W9SZ congratulations
> 73 de Espedito
> ik8vze & ac2lc
> ----- Original Message -----
>>From: Zack Widup w9sz.zack@... [TS-850_450_690]
>>To: TS-850_450_690@yahoogroups.com
>>Sent: Sunday, August 31, 2014 8:24 PM
>>Subject: [TS-850_450_690] TS-850 display
>>
>>
>>Finally got around to fixing the display problem on my TS-850. The
>>culprit was C18, 470 uF @ 16v. It had leaked and corroded the board
> at
>>its connections. A couple jumper wires fixed that. I replaced it
> with
>>a 470 @ 25 volts. Bigger cap but there's LOTS of room in this area
> of
>>the board.
>>
>>They couldn't have made that display board any easier
> to get out,

>>could they? Five screws and one ribbon
> connector.
>>:-)
>>
>>73, Zack W9SZ
>>
>>
>>>_____
>>
>> Questa e-mail è priva di virus e malware perché è attiva la protezione
>> avast! Antivirus .
>>
>

12800. TS-450S for a TS-690 Trade plus cash

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-01 16:27:27 UTC
From: n9bx73@...
Topic: 12800 Message: 12800

This may seem far fetched but I would like to trade a Great working TS-450S around a 9/10 Very small scratches on top, you would need magnifier to see them for a TS-690S. But maybe someone wants this radio without six meters.

Bruce N9BX 73

12803. Re: Kenwood TS-850S NO TX

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-06 22:41:53 UTC
From: gsmsupp@...
Topic: 12754 Message: 12803

UPDATE

Looks like one of DDS chips was damaged.
My luck was that i found fully working DDS boards with new DDS chips YM66312 on ebay :)
Lucky that i found it, unfortunately that took out 280 usd from my pocket.

My TS850 is working now since 2 days :)

12804. Auto tuner for TS-440 and TS-450 are they the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 01:45:41 UTC
From: malard@...
Topic: 12804 Message: 12804

Hello everyone,

Would anyone know if the auto tuners for the ts-440 and 450 are interchangeable? I have a auto tuner for a ts-440 and would like to install it in my ts-450. The part#'s are different, but they look the same. Just wondering if someone would know.

Thanks
Alex
W6ACT

12805. TS-850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 12:54:10 UTC
From: elo2@...
Topic: 12805 Message: 12805

Does anyone have a complete list of the problematic capacitors for the 850 please ?

12806. Re: ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 13:10:35 UTC
From: elo2@...
Topic: 12793 Message: 12806

Anyone ?

12807. Re: [TS-850_450_690] Re: ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 15:35:00 UTC
From: Dan Raney
Topic: 12793 Message: 12807

I know you had asked for a " list" of the problematic caps on the 850 but I don't have or know of one. It is MY opinion that the BEST answer though, is to replace ALL of them! However, the most problematic caps, seem to be the caps (again, all of them) on the CAR board......as well as the digital display board. Hope this helps a little as you seem to be quite anxious. Good luck!

Sent from my Verizon Wireless 4G LTE DROID

"elo2@btinternet.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

><!-- /* start of attachment style */ .ygrp-photo-title{ clear: both; font-size: smaller; height: 15px; overflow: hidden; text-align: center; width: 75px; } div.ygrp-photo{ background-position: center; background-repeat: no-repeat; background-color: white; border: 1px solid black; height: 62px; width: 62px; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div.attach-table div.attach-row { clear: both; } div.attach-table div.attach-row div { float: left; /* margin: 2px;*/ } p { clear: both; padding: 15px 0 3px 0; overflow: hidden; } div.ygrp-file { width: 30px; valign: middle; } div.attach-table div.attach-row div div a { text-decoration: none; } div.attach-table div.attach-row div div span { font-weight: normal; } div.ygrp-file-title { font-weight: bold; } /* end of attachment style */ --> <!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } -->
>
>Anyone ?
>
>

12808. Re: [TS-850_450_690] ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 16:01:53 UTC
From: Zack Widup
Topic: 12793 Message: 12808

I also am using the MC85 mic. My operation os about 95% CW and 2-3% digial, so I don't to a lot of SSB operation. But I have not had any reports of poor audio on transmit.

73, Zack W9SZ

On Sun, Aug 31, 2014 at 8:03 AM, elo2@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Just purchased a beautiful 850s, currently use it with an MC85.
>
>
> Using processor on the radio and hi boost selected
>
>
> Tx audio seems very flat and not great without the proc and high boost.
>
>
> Just wondered how other people are setting up the radio and what mics they
> are using ?
>
>
> Regards
>
>
> Russ
>
>
>

12809. RE: [TS-850_450_690] Re: ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 16:14:57 UTC
From: Tom Bilello
Topic: 12793 Message: 12809

If you are going to replace capacitors, replace them all. The radio has enough age that i would think that full replacement is the best option. If you don't want to go through the trouble of determining all the values needed and take the time to source them, on eBay, you can buy SMD cap kits for the carrier board and you can buy a complete package of 113 electrolytic capacitors that cover everything else except the power supply. Since almost all the caps are sold in packages and require no work on your part, i would probably also take the time to look at the schematics and replace the caps in the power supply.

Capacitors will change value with age. They may not necessarily be bad, but if enough of them go out of spec, even a little, the cumulative effect can cause problems. Even simply changing some of them in a circuit can be problematic. Since all the caps have probably aged at very close to the same rate, replacing some of them can restore part of the circuit and further stress the remaining out of spec caps.

I wish you luck on your journey. Make sure you have the proper tools and skill set to work with multilayer boards and SMD components. Also, do not be tempted to use lead free solder for the rework. The mixing of lead free and leaded solder, even if there is just a tiny bit left on the solder pads, can cause problems. Lead free solder is not eutectic and when mixed with lead alloy solder, which is eutectic, the resulting mixture could suffer microscopic cracking, causing a poor solder joint.

Tom "Wolfie" BIlello, NW0LF

VE Liaison

Daytona Beach Amateur Radio Association

H-386-423-3277

C-386-690-9412

<http://www.dbara.org/> http://www.dbara.org

VE-patch1_2

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

Sent: Sunday, September 07, 2014 9:11 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: ts-850 audio

Anyone ?

[Non-text portions of this message have been removed]

12810. Re: Auto tuner for TS-440 and TS-450 are they the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 16:48:57 UTC
From: k0lsr@...
Topic: 12804 Message: 12810

Good Morning Alex,

The stock auto tuner units for the TS-440 and TS-450 are not interchangeable. Unfortunately, I can't think of any models that share the same tuner unit except of course for the 450/690 series. I wish you good luck in finding a good unit for your TS-450.

Daniel
K0LSR
www.ts-850resource.net

12811. Re: [TS-850_450_690] TS-850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 20:13:22 UTC
From: John tf
Topic: 12805 Message: 12811

The radios that were earlier up to about 5-6 million serial number had counterfeit electrolytic [the aluminum cans] both through hole & surface mount] .
Then after that , any electrolytic caps that get to 20 yrs. or older .
If not the aluminum cans - electrolytic , then leave in place .

John
Kd0CAC

On Sun, Sep 7, 2014 at 7:54 AM, elo2@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Does anyone have a complete list of the problematic capacitors for the 850
> please ?
>
>
>

12812. Re: Auto tuner for TS-440 and TS-450 are they the same?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-07 23:03:46 UTC
From: malard@...
Topic: 12804 Message: 12812

Thanks Daniel,

I thought so, as I looked over the schematic for both tuners. It's very hard to find an auto tuner for the 450. There is one on Ebay for $250. lol You must be crazy to pay that kind of money for an internal tuner.

Thanks for your help
W6ACT

12813. Re: [TS-850_450_690] ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-08 03:39:11 UTC
From: Alan Riley
Topic: 12793 Message: 12813

I use a Yamaha CM-500 headset with mine, processor on, no hi boost.

Alan, KD5R

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Sunday, August 31, 2014 8:03 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts-850 audio

Just purchased a beautiful 850s, currently use it with an MC85.

Using processor on the radio and hi boost selected

Tx audio seems very flat and not great without the proc and high boost.

Just wondered how other people are setting up the radio and what mics they are using ?

Regards

Russ

12814. Re: [TS-850_450_690] TS-850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-08 03:45:22 UTC
From: Alan Riley
Topic: 12805 Message: 12814

I copied this from a post I made a few months back. Maybe it will help:

“I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.

The 50 mil one has never had to have any capacitors replaced but I have had to replace several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics
on the carrier board (9 of the 11 were leaking, but no damage to the board).

I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what
appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration may have been from something else but decided to replace all them while I was in there.

C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all
four caps associated with that stage while I was in there (C187, C167, C182, and C184).”

Alan, KD5R

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Sunday, September 07, 2014 7:54 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 capacitors

Does anyone have a complete list of the problematic capacitors for the 850 please ?

12815. Re: [TS-850_450_690] ts-850 audio

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-08 04:58:35 UTC
From: John Kramer
Topic: 12793 Message: 12815

Best audio out of a TS-850, is to get an Icom SM-8 desk mic, and wire it for Kenwood

73
John

On 08 Sep 2014, at 5:39 AM, 'Alan Riley' arr44@suddenlink.net [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

> I use a Yamaha CM-500 headset with mine, processor on, no hi boost.
>
> Alan, KD5R
>
>
>
> From: mailto:TS-850_450_690@yahoogroups.com
> Sent: Sunday, August 31, 2014 8:03 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] ts-850 audio
>
>
>
> Just purchased a beautiful 850s, currently use it with an MC85.
>
>
>
> Using processor on the radio and hi boost selected
>
>
>
> Tx audio seems very flat and not great without the proc and high boost.
>
>
>
> Just wondered how other people are setting up the radio and what mics they are using ?
>
>
> Regards
>
>
> Russ
>
>
>

12816. Re: [TS-850_450_690] TS-850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-08 05:02:19 UTC
From: John Kramer
Topic: 12805 Message: 12816

There was a guy that was selling capacitor kits for the TS-850 recently on eBay, with instructions

I bought a kit and replaced all mine which were just starting to leak

73
John

On 08 Sep 2014, at 5:45 AM, 'Alan Riley' arr44@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
> I copied this from a post I made a few months back. Maybe it will help:
>
> “I have two TS-850SATs here, one in the 30 mil s/n range and the other in the 50 mil range.
>
> The 50 mil one has never had to have any capacitors replaced but I have had to replace
> several on the 30 mil one. On the 30 mil one, I have had to replace all of the electrolytics
> on the carrier board (9 of the 11 were leaking, but no damage to the board).
>
> I replaced all three electrolytics (C7, C8, and C18) on the display board after finding what
> appeared to be a slight bit of leakage around the (+) lead of C18. The slight discoloration
> may have been from something else but decided to replace all them while I was in there.
>
> C187 on the IF board (audio section) failed (bad odor and rumble in audio) so I replaced all
> four caps associated with that stage while I was in there (C187, C167, C182, and C184).”
>
> Alan, KD5R
>
> From: mailto:TS-850_450_690@yahoogroups.com
> Sent: Sunday, September 07, 2014 7:54 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] TS-850 capacitors
>
>
>
> Does anyone have a complete list of the problematic capacitors for the 850 please ?
>
>
>

12817. Re: [TS-850_450_690] TS-850 capacitors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-08 14:06:04 UTC
From: Zack Widup
Topic: 12805 Message: 12817

I replaced all the electrolytics on the carrier board of my TS-850 a couple months ago. I think I used the SMD electrolytics which were rated at the next higher voltage. These are the Mouser part numbers: 647-UUD1E100MCL (10 uF) and 647-UUD1E470MCL (4.7 uF). I think 6 of the 10 uF caps were leaking on my unit but no damage to board patterns.

A few weeks ago my display started flickering and sometimes going out altogether, so a week ago I replaced C18, the 470 uF cap, on the display board. I did have to put on a couple jumpers, as the solder connections for the caps were corroded by the leaking. I did not replace the other two electrolytics (C7 and C8) because they weren't leaking and I didn't have replacements at the time. The display works fine now. It is so easy to get to that I figured if there are any problems with the other two caps I can replace them in an hour.

73, Zack W9SZ

On Sun, Sep 7, 2014 at 10:45 PM, 'Alan Riley' arr44@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I copied this from a post I made a few months back. Maybe it will help:
>
> “I have two TS-850SATs here, one in the 30 mil s/n range and the other in
> the 50 mil range.
>
> The 50 mil one has never had to have any capacitors replaced but I have
> had to replace
> several on the 30 mil one. On the 30 mil one, I have had to replace all
> of the electrolytics
> on the carrier board (9 of the 11 were leaking, but no damage to the
> board).
>
> I replaced all three electrolytics (C7, C8, and C18) on the display board
> after finding what
> appeared to be a slight bit of leakage around the (+) lead of C18. The
> slight discoloration
> may have been from something else but decided to replace all them while I
> was in there.
>
> C187 on the IF board (audio section) failed (bad odor and rumble in audio)
> so I replaced all
> four caps associated with that stage while I was in there (C187, C167,
> C182, and C184).”
>

> Alan, KD5R
>
> *From:* mailto:TS-850_450_690@yahoogroups.com
> <TS-850_450_690@yahoogroups.com>
> *Sent:* Sunday, September 07, 2014 7:54 AM
> *To:* TS-850_450_690@yahoogroups.com
> *Subject:* [TS-850_450_690] TS-850 capacitors
>
>
>
> Does anyone have a complete list of the problematic capacitors for the 850
> please ?
>
>
>

12818. Auto tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-10 13:07:16 UTC
From: malard@...
Topic: 12818 Message: 12818

Hello,

Is the auto tuner for the TS-450s and the TS-690s the same?

Thanks
Alex

12819. Re: Auto tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-11 14:13:18 UTC
From: YAMAHAXS650H@...
Topic: 12818 Message: 12819

According to my service manual AT is used just for TS-450SAT and not for 6 meters. Part number ATUNIT/AT-450 (X53-3370-00). So it should work.

ALAN, NY2G

12820. Re: Auto tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-12 13:35:51 UTC
From: malard@...
Topic: 12818 Message: 12820

Thanks Alan,

That's what I needed to know

Alex
W6ACT

12821. YK-88S1 Plug in filter board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-13 12:14:35 UTC
From: malard@...
Topic: 12821 Message: 12821

Hello everyone,

I have the YK-88s1 filter without the plug in board. I have been looking for the board, but I cannot find one anywhere. There are none on ebay. Does anyone know where to purchase one? or possible trade for my solder in yk-88s1 for the yk-88s1 plugin filter.

Thanks
Alex
W6ACT

12822. Re: [TS-850_450_690] YK-88S1 Plug in filter board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-13 16:16:54 UTC
From: michael
Topic: 12821 Message: 12822

Alex,

I got tired of waiting for a decent price for the plug in filter for the 850.

I saw a cheap plug in cw filter and swapped the yk 88sn with it...
I already had the solder in one.

Good Luck,
Mike
N2KNW

On Saturday, September 13, 2014 11:22 AM, "malard@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:

Hello everyone,

I have the YK-88s1 filter without the plug in board. I have been looking for the board, but I cannot find one anywhere. There are none on ebay. Does anyone know where to purchase one? or possible trade for my solder in yk-88s1 for the yk-88s1 plugin filter.

Thanks
Alex
W6ACT

12823. Re: [TS-850_450_690] YK-88S1 Plug in filter board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-14 01:22:39 UTC
From: malard@...
Topic: 12821 Message: 12823

Hi Mike,

I'm not sure what you mean. Do you have a YK-88s1 filter or the plug in board itself?

Thanks
Alex
W6ACT

12824. Re: [TS-850_450_690] YK-88S1 Plug in filter board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-14 04:13:40 UTC
From: N2MHO
Topic: 12821 Message: 12824

Alex, try checking w International Radio, but make sure they can tell you
if the hole pattern on their board is the same as Kenwood's.

Mike n2mho

On Sat, Sep 13, 2014 at 8:14 AM, malard@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello everyone,
>
> I have the YK-88s1 filter without the plug in board. I have been looking
> for the board, but I cannot find one anywhere. There are none on ebay. Does
> anyone know where to purchase one? or possible trade for my solder in
> yk-88s1 for the yk-88s1 plugin filter.
>
> Thanks
> Alex
> W6ACT
>
>
>
>

12825. Re: [TS-850_450_690] YK-88S1 Plug in filter board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-14 20:38:22 UTC
From: Bryan Swadener
Topic: 12821 Message: 12825

The thing is, the OEM Kenwood filters aren't all that great.
Better to buy an InRad #88 filter and be done with it.
Compare the specifications:

Mfr: KenwoodMfr PN: YK88S-1
BW @ -6dB: 2.4KHz
BS @ -60dB: 4.4KHz
Shape Factor: 1.833:1

Mfr: InRad
Mfr PN: 88
BW @ -6dB: 2.8KHz
BW @ -60dB: 4.2KHz
Shape Factor: 1.5:1

You can see that the InRad filter has steeper skirts. While it is a
tad wider at -6dB, it is narrower at -60dB, You'll have less adjacent
channel interference (aka "bleedover"). I can't believe I wrote that
last word. Yes, at $130, it costs more. ONE TIME.

I've been collecting InRad filters for both of my TS850S rigs. So far,
I've purchased two new roofing filters and a couple of used CW filters
to replace the Kenwood stuff. Compared to Kenwood filters, used
InRad filters don't come available very often. There's a reason for that.

If you call InRad, requesting one of their boards to install a Kenwood
filter, don't be surprised you get the above... at best.

vy 73,
Bryan WA7PRC

Subject: YK-88S1 Plug in filter board
>
>From: W6ACT
>Date: Sat Sep 13, 2014 8:22 am
>
>Hello everyone,
>
>I have the YK-88S1 filter without the plug in board.
>I have been looking for the board, but I cannot find
>one anywhere. There are none on ebay. Does anyone
>know where to purchase one? or possible trade for
>my solder in yk-88s1 for the yk-88s1 plugin filter.
>
>Thanks
>Alex

>W6ACT
>
>_____
>Subject: Re: YK-88S1 Plug in filter board
>Posted by: N2MHO
>Date: Sat Sep 13, 2014 9:14 pm
>
>Alex, try checking w International Radio, but make sure
>they can tell you if the hole pattern on their board is the
>same as Kenwood's.
>
>Mike N2MHO
>
>

12826. Hello, and Thanks In Advance; Lots of Questions!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-19 11:11:39 UTC
From: viragoxv@...
Topic: 12826 Message: 12826

Hello to the Group!
I've just purchased a Kenwood TS-850SAT to take the load off my little Yaesu FT-857D.
So far, I LOVE this radio! It pairs very well with my mini-G5RV antenna.
One issue I have is with the authors of the manual! Some real "holes" in this document!
Here's two questions I have....so far....
1. The spec.'s say the receiver goes down to 100khz, yet I can tune my VFO down to 30khz???
2. I managed to figure out how to save frequencies, but am stumbling with their recall???
Thanks for allowing my to join and "pick" you collective brains....Michael, N3QIG

12827. Re: [TS-850_450_690] Hello, and Thanks In Advance; Lots of Questions!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-19 15:35:29 UTC
From: Zack Widup
Topic: 12826 Message: 12827

Hi Michael,

It's a great radio, isn't it?

I did the mod to remove the attenuation for the broadcast band. I have no problems with intermod or overload from local AM stations as a result. It isn't extremely sensitive below 100 kHz. I can receive WWVB on 60 KHz fairly well with mine.

As for the memories, there is a set of buttons to the right of the tuning knob for A, B and M VFO's. If you push the "M" RX button, it will select the set of memories. There are 99 memories. You can go through them by rotating the "M.CH/VFO CH." knob. You can select the memory you wish to store something in with this knob, then push the A RX button Tune in to the frequency you with to store and then push the "M.IN" button. It should store the frequency in that memory and you can go back to it with the "M" RX button and "M.CH/VFO CH." knob. After you have one or more memories stored, you can load them into the A or B VFO's by selecting that memory and pushing the "M>VFO" button.

I hope this helps, and have fun!

73, Zack W9SZ

On Fri, Sep 19, 2014 at 6:11 AM, viragoxv@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello to the Group!
> I've just purchased a Kenwood TS-850SAT to take the load off my little
> Yaesu FT-857D.
> So far, I LOVE this radio! It pairs very well with my mini-G5RV antenna.
> One issue I have is with the authors of the manual! Some real "holes" in
> this document!
> Here's two questions I have....so far....
> 1. The spec.'s say the receiver goes down to 100khz, yet I can tune my
> VFO down to 30khz???
> 2. I managed to figure out how to save frequencies, but am stumbling with
> their recall???
> Thanks for allowing my to join and "pick" you collective
> brains....Michael, N3QIG
>
>

12828. Re: [TS-850_450_690] Hello, and Thanks In Advance; Lots of Questions!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-19 18:49:48 UTC
From: Bob Naylor
Topic: 12826 Message: 12828

Zack, What do you hear on 60KC? IF my 2 clocks RX i, hen I should be able to hear something on my 850.
Bob WE6C

On Friday, September 19, 2014 8:35 AM, "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Hi Michael,

It's a great radio, isn't it?

I did the mod to remove the attenuation for the broadcast band. I have no problems with intermod or overload from local AM stations as a result. It isn't extremely sensitive below 100 kHz. I can receive WWVB on 60 KHz fairly well with mine.

As for the memories, there is a set of buttons to the right of the tuning knob for A, B and M VFO's. If you push the "M" RX button, it will select the set of memories. There are 99 memories. You can go through them by rotating the "M.CH/VFO CH." knob. You can select the memory you wish to store something in with this knob, then push the A RX button Tune in to the frequency you with to store and then push the "M.IN" button. It should store the frequency in that memory and you can go back to it with the "M" RX button and "M.CH/VFO CH." knob. After you have one or more memories stored, you can load them into the A or B VFO's by selecting that memory and pushing the "M>VFO" button.

I hope this helps, and have fun!

73, Zack W9SZ

On Fri, Sep 19, 2014 at 6:11 AM, viragoxv@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>Hello to the Group!
>I've just purchased a Kenwood TS-850SAT to take the load off my little Yaesu FT-857D.
>So far, I LOVE this radio! It pairs very well with my mini-G5RV antenna.
>One issue I have is with the authors of the manual! Some real "holes" in this document!
>Here's two questions I have....so far....
>1. The spec.'s say the receiver goes down to 100khz, yet I can tune my VFO down to 30khz???
>2. I managed to figure out how to save frequencies, but am stumbling with their recall???
>Thanks for allowing my to join and "pick" you collective brains....Michael, N3QIG

12829. Re: [TS-850_450_690] Hello, and Thanks In Advance; Lots of Questions!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-19 23:34:03 UTC
From: viragoxv@...
Topic: 12826 Message: 12829

Thanks Zack! I'll try your suggestions!

Now I'm trying to get an IF-232C unit to work with the radio. I bought a converter cable to allow connecting to my computer via a USB port rather than a 232. Installed the cable driver, but HRD 6.2.3.... still won't recognize the radio, even if I use the auto-detect options.

One line of the error message suggests I assure the radio is not in "packet communication mode"....can't seem to find any reference to this anywhere.

12830. TS-850SAT CAT Control using IF-232C

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-20 00:33:11 UTC
From: viragoxv@...
Topic: 12830 Message: 12830

Can't seem to get the IF-232C to talk to the radio....getting an error for the cable from the IF-232C to my computer. The IF-232C's communication port (RS-232?) had an adapter installed to accept a 9-pin DIN. I bought a 9-pin DIN to USB cable so I could connect with my computer. I installed the cable driver but still get a "This device cannot start. (Code10)" error.

The problem could be with the data transfer through this mess. Is there a modern, USB driven replacement for the IF-232C? I'd like to use the IF-232C, bt am at a loss for ideas.

Thanks! Mike, N3QIG

12831. Re: [TS-850_450_690] TS-850SAT CAT Control using IF-232C

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-20 03:42:59 UTC
From: Tom Osborne
Topic: 12830 Message: 12831

HI Mike

You can try eBay. I got cables for my Kenwood TS-450's there. Just do
a search for 'TS-850 cat cable.' 73
Tom W7WHY

On 9/19/2014 5:33 PM, viragoxv@... [TS-850_450_690] wrote:
>
> Can't seem to get the IF-232C to talk to the radio....getting an error
> for the cable from the IF-232C to my computer. The IF-232C's
> communication port (RS-232?) had an adapter installed to accept a
> 9-pin DIN. I bought a 9-pin DIN to USB cable so I could connect with
> my computer. I installed the cable driver but still get a "This
> device cannot start. (Code10)" error.
>
> The problem could be with the data transfer through this mess. Is
> there a modern, USB driven replacement for the IF-232C? I'd like to
> use the IF-232C, bt am at a loss for ideas.
>
> Thanks! Mike, N3QIG
>

12832. Re: [TS-850_450_690] TS-850SAT CAT Control using IF-232C

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-20 13:52:39 UTC
From: Jerry Szymczak
Topic: 12830 Message: 12832

Mike,

You might try https://radioarena.co.uk .

I purchased my CAT cable from this supplier. It was literally "Plug &
Play" to connect my TS-850 to my PC.

73's
Jerry

On Fri, Sep 19, 2014 at 8:33 PM, viragoxv@ptdprolog.net [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Can't seem to get the IF-232C to talk to the radio....getting an error for
> the cable from the IF-232C to my computer. The IF-232C's communication
> port (RS-232?) had an adapter installed to accept a 9-pin DIN. I bought a
> 9-pin DIN to USB cable so I could connect with my computer. I installed
> the cable driver but still get a "This device cannot start. (Code10)" error.
>
> The problem could be with the data transfer through this mess. Is there a
> modern, USB driven replacement for the IF-232C? I'd like to use the
> IF-232C, bt am at a loss for ideas.
>
> Thanks! Mike, N3QIG
>
>

12833. RE: [TS-850_450_690] TS-850SAT CAT Control using IF-232C

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-21 18:00:22 UTC
From: Tom Bilello
Topic: 12830 Message: 12833

Do I assume you are using a proper, known good serial cable? Are you sure that it isn't a null modem cable or a specialty cable? I have a serial cable for connecting APC SmartUPS APCs to the computer but the pinout is apparently different because it wouldn't work with Ham Radio Deluxe, I had to dig out the real serial cable. The USB to serial adapter, does it have the PRolific or FTDI chipset? If it is the Prolific chipset, that is part of your problem. The Prolific chipset is kind of a fake driver chipset. Get the FTDI. Anything with the Prolific chipset is intermittent at best. I mistakenly bought a Prolific cable for my Baofeng HT and it does give me fits, though not enough to make me want to spend more money for a FTDI cable as i can make it work. What kind of computer are you using? Doesn't your computer have a serial port? If you have a desktop you can add a serial card. They aren't expensive. I added a card to my HP Z210 small form factor desktop, I just had to get a low profile card. I have my TS-850 connected through my IF-232 device and my TS-940 connected by a Piexx add on RS-232 board because it was available and much cheaper than an original IF-10 board. I hope I gave you food for thought. By the way, just make sure that you have your serial port programmed properly(4800, 8, none, 1, none) and, if you are using HRD, make sure that CTS and RTS are checked. Hope this helps out. I love my TS-850 and TS-940. I won't sell either of them.

Tom "Wolfie" BIlello, NW0LF

VE Liaison

Daytona Beach Amateur Radio Association

H-386-423-3277

C-386-690-9412

<http://www.dbara.org/> http://www.dbara.org

VE-patch1_2

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Friday, September 19, 2014 8:33 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850SAT CAT Control using IF-232C

Can't seem to get the IF-232C to talk to the radio....getting an error for the cable from the IF-232C to my computer. The IF-232C's communication port (RS-232?) had an adapter installed to accept a 9-pin DIN. I bought a 9-pin DIN to USB cable so I could connect with my computer. I installed the cable driver but still get a "This device cannot start. (Code10)" error.

The problem could be with the data transfer through this mess. Is there a modern, USB driven replacement for the IF-232C? I'd like to use the IF-232C, bt am at a loss for ideas.

Thanks! Mike, N3QIG

[Non-text portions of this message have been removed]

12834. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-23 15:18:24 UTC
From: wb0hhm@...
Topic: 12197 Message: 12834

Hi
I am wondering if anybody ended up getting any YM66312 IC's from China and
it worked out. I see that it is a old posting

Ray

12835. Re: YM66312 chip from China

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-24 12:29:41 UTC
From: ok1vaw@...
Topic: 12197 Message: 12835

With few bad experiences with even faked components from China I strongly not recommend, or be very carefull.
ok1vaw

12836. TS-450 tuner and bad TX relay?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-24 12:45:38 UTC
From: ok1vaw@...
Topic: 12836 Message: 12836

Hello,
I am using the TS-450 with internal tuner as a secondary radio by my parents. As far as I have used there a few ugly portable antennas, the tuner worked sometimes sure with greater SWR than 3. In the manual the SWR below 3 is given as a limit, but the ability of the Kenwood's tuner to tune most of impedances is commonly known, but I was not able to find, if this situation (when worse SWR is correctly tuned by the tuner) could damage the tuner by stressing too much the relay contacts by high voltage or high current than allowed.

I am experiencing now a situation, that I tune the antenna (even with a modest swr below 3) with tuner, but after trying to PPT with full power 100W it seems, that there is a intermittent contact on the TX path or even I here something from the radio, which I compare to sound of sparking or similar, sometimes it changes the TX state between good and fail erratically, but I can confirm, that the problem is not in antenna itself. In this situation the SWR meter goes high, the TX control put the power down, but the radio case itself is "RF HOT", I feeled the buring of the high frequency current in this situation, so it seems that the power does not reach the output connector.
Opened the radio, I have looked to the most mentioned problem with the bad contact of the output TX connector, but it seems to be okay there.
Could anybody inform me, if he meets with similar problem and probably what was the reason? I bought the main TX/RX relay from Digikey, but I suspect the relays in the tuner too, after years of work and thousands of cycles it could be weared.
Looking forward to any relevant info and thanks for reading,

ok1vaw, Vojtech, Prague.

12837. Re: [TS-850_450_690] TS-450 tuner and bad TX relay?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-24 15:26:41 UTC
From: michael
Topic: 12836 Message: 12837

Hi,

I had a crack in my glass diode and had to change it out...

with something like this

Kenwood TS-850S etc, DSA-301LA Gas Discharge Surge Arrestor Replacement

Kenwood TS-850S etc, DSA-301LA Gas Discharge Surge ...
US $14.61 New in Consumer Electronics, Radio Communication, Ham, Amateur Radio
View on www.ebay.com Preview by Yahoo

See if yours is cloudy...

Good luck,
N2KNW

On Wednesday, September 24, 2014 8:45 AM, "ok1vaw@volny.cz [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Hello,
I am using the TS-450 with internal tuner as a secondary radio by my parents. As far as I have used there a few ugly portable antennas, the tuner worked sometimes sure with greater SWR than 3. In the manual the SWR below 3 is given as a limit, but the ability of the Kenwood's tuner to tune most of impedances is commonly known, but I was not able to find, if this situation (when worse SWR is correctly tuned by the tuner) could damage the tuner by stressing too much the relay contacts by high voltage or high current than allowed.

I am experiencing now a situation, that I tune the antenna (even with a modest swr below 3) with tuner, but after trying to PPT with full power 100W it seems, that there is a intermittent contact on the TX path or even I here something from the radio, which I compare to sound of sparking or similar, sometimes it changes the TX state between good and fail erratically, but I can confirm, that the problem is not in antenna itself. In this situation the SWR meter goes high, the TX control put the power down, but the radio case itself is "RF HOT", I feeled the buring of the high frequency current in this situation, so it seems that the power does not reach the output connector.
Opened the radio, I have looked to the most mentioned problem with the bad contact of the output TX connector, but it seems to be okay there.
Could anybody inform me, if he meets with similar problem and probably what was the reason? I bought the main TX/RX relay from Digikey, but I suspect the relays in the tuner too, after years of work and thousands of cycles it could be weared.
Looking forward to any relevant info and thanks for reading,

ok1vaw, Vojtech, Prague.

12838. Re: TS-450 tuner and bad TX relay?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-25 14:35:57 UTC
From: T. Scott Griffin
Topic: 12838 Message: 12838

Hi Vojtech,

Just a thought but you may have high Rf in the shack due to the temporary antenna you are using. The Rf will cause sparking and erratic behavior of the rig. I had a similar situation with a Buddistick antenna I was using, and it caused my CW keyer to give extra dots plus I could feel it on my fingers when keying.

To cure the Rf in the shack either change to an antenna like a dipole or insert an Rf choke into the transmission line after the radio.

Hope this idea helps.

73s Scott N6CIC

Sent from Windows Mail

12839. Setting Up Kenwood TS-850SAT for PSK/RTTY/etc.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-25 19:15:01 UTC
From: viragoxv@...
Topic: 12839 Message: 12839

OK, I've bought a Kenwood TS-850SAT and wish to set it up for PSK/RTTY/ etc.

I have the SignaLink USB (with Kenwood appropriate cable and Plug & Play Module) hooked up and a CAT cable connected to my PC. I'm running HRD/DM-780, and am decoding just fine, but can't seem to contact anyone. The antenna SWR is way down, the radio's mode is set for FSK, and the SignaLink TX is set about halfway.

I'd worked digital for about 3 years using my Yaesu FT-857D, the SignaLink (with Yaesu appropriate cable and Plug & Play Module), CAT cable, and DM-780 with no problems.

Any thoughts? Thanks in advance! Mike, N3QIG

12840. Re: [TS-850_450_690] Setting Up Kenwood TS-850SAT for PSK/RTTY/etc.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-25 22:32:14 UTC
From: Bruce Osterberg
Topic: 12839 Message: 12840

On 9/25/2014 3:15 PM, viragoxv@... [TS-850_450_690] wrote:
>
> OK, I've bought a Kenwood TS-850SAT and wish to set it up for
> PSK/RTTY/ etc.
>
> I have the SignaLink USB (with Kenwood appropriate cable and Plug &
> Play Module) hooked up and a CAT cable connected to my PC. I'm
> running HRD/DM-780, and am decoding just fine, but can't seem to
> contact anyone. The antenna SWR is way down, the radio's mode is set
> for FSK, and the SignaLink TX is set about halfway.
>
> I'd worked digital for about 3 years using my Yaesu FT-857D, the
> SignaLink (with Yaesu appropriate cable and Plug & Play Module), CAT
> cable, and DM-780 with no problems.
>
> Any thoughts? Thanks in advance! Mike, N3QIG
>
>
Hello:

Set Mode to SSB, remember you are using AFSK not true FSK.

Bruce N9BX 73

12841. Re: [TS-850_450_690] Setting Up Kenwood TS-850SAT for PSK/RTTY/etc.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-25 23:11:28 UTC
From: viragoxv@...
Topic: 12839 Message: 12841

I tried that initially but there was no output; like keying the mic without saying anything on SSB.

12842. Re: [TS-850_450_690] Setting Up Kenwood TS-850SAT for PSK/RTTY/etc.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-25 23:25:42 UTC
From: viragoxv@...
Topic: 12839 Message: 12842

Bruce,

I spoke too soon! Once I set my "mic" as being the SignaLink, I was able to use USB and made my first digital contact with the TS-850S!

Thanks! Mike, N3QIG

12843. Re: [TS-850_450_690] Setting Up Kenwood TS-850SAT for PSK/RTTY/etc.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-26 00:59:27 UTC
From: Bruce Osterberg
Topic: 12839 Message: 12843

On 9/25/2014 7:25 PM, viragoxv@... [TS-850_450_690] wrote:
>
> Bruce,
>
> I spoke too soon! Once I set my "mic" as being the SignaLink, I was
> able to use USB and made my first digital contact with the TS-850S!
>
> Thanks! Mike, N3QIG
>
>
RR Mike:

Glad you are on Digital!!

73 Bruce N9BX

12844. 450 * 690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-26 04:05:18 UTC
From: fransuti
Topic: 12844 Message: 12844

I've had a 450 for some years now, working good a little display problem. I bought a 690 for parts that had a vco problem. I found the board on ebay cheap and I bought it. For my surprise the radio came out working pretty good. Came out with the same display problem, sideways looks perfect. Af goes up to 40 when you turn it on, in 10 min. Goes down. Believe leaking cap. And audio is a little low. Any hints where I should start looking. Thanks ahead.

Sent from my T-Mobile 4G LTE Device

12845. Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-30 12:17:27 UTC
From: viragoxv@...
Topic: 12845 Message: 12845

I'm finding a need for a headset (earphones and microphone) and mic foot switch for my Kenwood TS-850SAT.

Try as I might, I can't seem to locate anything offered on the web....anyone have any advice/leads on finding such a set-up?

Thanks! Mike, N3QIG

12846. Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-30 18:59:14 UTC
From: Ken Winterling
Topic: 12845 Message: 12846

Mike,

Did you try googling, for example, "ham radio headsets" and "ham radio footswitches"?

Ken
WA2LBI

On Tue, Sep 30, 2014 at 8:17 AM, viragoxv@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

> I'm finding a need for a headset (earphones and microphone) and mic foot
> switch for my Kenwood TS-850SAT.
>
>
> Try as I might, I can't seem to locate anything offered on the
> web....anyone have any advice/leads on finding such a set-up?
>
> Thanks! Mike, N3QIG
>

12847. Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-30 20:25:25 UTC
From: Alan Riley
Topic: 12845 Message: 12847

Mike,

I use a Yamaha CM-500 headset, W2ENY mic adaptor, and homebrew
hand-held PTT switch with my TS-850. Foot switches are available
from MFJ, Heil, etc.

73,
Alan, KD5R

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 30, 2014 7:17 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

I'm finding a need for a headset (earphones and microphone) and mic foot switch for my Kenwood TS-850SAT.

Try as I might, I can't seem to locate anything offered on the web....anyone have any advice/leads on finding such a set-up?

Thanks! Mike, N3QIG

12848. Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-30 20:41:25 UTC
From: Tom Osborne
Topic: 12845 Message: 12848

HI Mike

I am hard of hearing and wear hearing aids. I got a set of Radio Shack cordless headphones some time back and I really like them. They have a volume control that lets me set them at a comfortable level with my 'aids out. With most other 'phones, I had problems with squealing and not being able to adjust them right with the 'aids in. Also, not having a cord is a real plus!!

I also have a Heil headphone/mic combo that I used to use. I took the boom mic off the 'phones and put some velcro on the piece that used to connect to the Heil headphones and a piece of velcro on the headphones. Now when I do a SSB contest, I just connect the mic and go. It works very well.

For a foot switch, an economical (say cheap) way to go is pick up an old foot pedal from a sewing machine repair shop (they usually just throw them away) and put a switch in it. I have 2 of them here that I've used for many moons. The ones I have are made of metal and are very robust. 73
Tom W7WHY

>
> I'm finding a need for a headset (earphones and microphone) and mic
> foot switch for my Kenwood TS-850SAT.
>
> Try as I might, I can't seem to locate anything offered on the
> web....anyone have any advice/leads on finding such a set-up?
>
> Thanks! Mike, N3QIG
>

12849. Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-09-30 23:02:57 UTC
From: Crownhaven
Topic: 12845 Message: 12849

Heil has everything you need.....

On 9/30/2014 3:41 PM, Tom Osborne w7why@... [TS-850_450_690] wrote:
>
> HI Mike
>
> I am hard of hearing and wear hearing aids. I got a set of Radio Shack
> cordless headphones some time back and I really like them. They have a
> volume control that lets me set them at a comfortable level with my
> 'aids out. With most other 'phones, I had problems with squealing and
> not being able to adjust them right with the 'aids in. Also, not having
> a cord is a real plus!!
>
> I also have a Heil headphone/mic combo that I used to use. I took the
> boom mic off the 'phones and put some velcro on the piece that used to
> connect to the Heil headphones and a piece of velcro on the headphones.
> Now when I do a SSB contest, I just connect the mic and go. It works
> very well.
>
> For a foot switch, an economical (say cheap) way to go is pick up an old
> foot pedal from a sewing machine repair shop (they usually just throw
> them away) and put a switch in it. I have 2 of them here that I've used
> for many moons. The ones I have are made of metal and are very robust. 73
> Tom W7WHY
>
> >
> > I'm finding a need for a headset (earphones and microphone) and mic
> > foot switch for my Kenwood TS-850SAT.
> >
> > Try as I might, I can't seem to locate anything offered on the
> > web....anyone have any advice/leads on finding such a set-up?
> >
> > Thanks! Mike, N3QIG
> >
>
>

12850. Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-01 01:06:20 UTC
From: Tom Osborne
Topic: 12845 Message: 12850

On 9/30/2014 4:02 PM, Crownhaven crownhaven@...
[TS-850_450_690] wrote:
>
> Heil has everything you need.......
>
>

If you don't wear hearing aids :-) Heil is a great setup but didn't work for me, that's why I had to go to to something else. 73
Tom W7WHY

12851. Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-01 04:57:43 UTC
From: ik8vze
Topic: 12845 Message: 12851

You can use the headset heil sound made in the usa with a footswitch, you can even put two microphone capsules that more 'close to the right, and the more' wide for normal QSO, I currently have a system with heil sound model pro-Plus Set with pedal and switch, if you have an amp you have to pass the switch on the amplifier .Avoid are fond of microphones studio audio, you should use headphones and microphones for amateur radio amateur radio, however, if you keep the impedance of the microphone from 50k-a 500 ohm ts 850 will have a good audio response, provided that the setting of alc and the compressor is not very thorough, you can also adapt some surplus military cap, are at a lowest cost, the pedal switch you have to lug on the socket microphone bypass it first with a plug rCA connector before 8 din kenwood microphone jack, picking up the pin ptt-standby, I repeat if you want heil sound has all the kit headset and foot switch
73 de ik8vze & ac2lc Rizzuti Espedito
----- Original Message -----
From: Ken Winterling wa2lbi@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, September 30, 2014 8:59 PM
Subject: Re: [TS-850_450_690] Kenwood TS-850SAT Headset and Foot Switch???

Mike,

Did you try googling, for example, "ham radio headsets" and "ham radio footswitches"?

Ken
WA2LBI

On Tue, Sep 30, 2014 at 8:17 AM, viragoxv@ptdprolog.net [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

I'm finding a need for a headset (earphones and microphone) and mic foot switch for my Kenwood TS-850SAT.

Try as I might, I can't seem to locate anything offered on the web....anyone have any advice/leads on finding such a set-up?

Thanks! Mike, N3QIG

Questa e-mail è priva di virus e malware perché è attiva la protezione avast! Antivirus.
http://www.avast.com

12852. The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-08 15:52:32 UTC
From: cpa2000@...
Topic: 12852 Message: 12852

I am thinking about buying aTS-850 and I want to use it on 160, 75 & 40 AM as well as SSB.

Will it produce a decent AM signal?

Are any mods required to get it to sound good on AM?

Do I need to add an AM filter?

I'll be running it with an Amp Supply LK450 (single 3-500) & would like to get about 200 watts out on AM.

Any experience out there?

12853. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-08 17:03:35 UTC
From: kkyahoo
Topic: 12852 Message: 12853

Hi,

On receive the AM sounds quite toppy on the internal speaker, but there is a tone control to smooth the edges off. The filters in the rig as standard are not bad, select 6k at the 1st IF, and 6k at the second, and you will be ok.

I bought the Kenwood 8.83/1st IF 6k wide am filter, it's better than the standard one but I find that I never use it. In fact I often run the first IF straight through just relying on the 6k in the second, I just like the sound! For hifi AM you can use the 12k standard filter at the second IF which sounds good on strong signals.

On tx output is 25W max carrier. Be aware that the mod is low level and if you overdrive the carrier, the mod can sound SSB like. If you have some external processing then AM on the 850 sounds great. (There's no internal processor built in on AM). The hi boost that you can select on the front panel makes the AM signal very intelligible. There is also a secret menu that allows you to select a 12Khz wide TX bandwidth, instead of the standard 6k, which allows you transmit very nice quality AM, if band conditions allow!

Overall a great rig, only let down by the lack of processing on AM. If you can get the DSP100, AM is generated digitally and sounds so clean.

On SSB the transmitted audio is excellent, likewise on receive with v good agc with no horrible distortion on initial transients.

Here is a website that focuses on quality audio from the 850:

http://www.ka0ka.com/index.html

73

Kevin

G8LYV
----- Original Message -----
From: cpa2000@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 08, 2014 4:52 PM
Subject: [TS-850_450_690] The TS-850 on AM?

I am thinking about buying aTS-850 and I want to use it on 160, 75 & 40 AM as well as SSB.

Will it produce a decent AM signal?

Are any mods required to get it to sound good on AM?

Do I need to add an AM filter?

I'll be running it with an Amp Supply LK450 (single 3-500) & would like to get about 200 watts out on AM.

Any experience out there?

12854. For Sale: 448-3090-xx If Board - Plus long story behind why I am selling it

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-08 20:29:07 UTC
From: Bob Bruno - K2KI
Topic: 12854 Message: 12854

Hi all,
I have for sale a X48-3090-xx If board for both the 450 and 690.
I am asking $100.00 plus shipping from Vermont 05459.

Please allow me to regale you a story behind my needing to sell this.

As some of you might recall, I was looking for a new IF board that had the dreaded capacitor leak problem for my TS-690.
I barked and barked on the list but no one had one.

The leak destroyed many of the traces that selects which filter on board will be active plus an audio line and a couple more I didn't bother to find out what the were. I scrubbed the board thoroughly and removed the soldered in filters to clean them plus the board beneath them. I also did a point to point wiring with #30 Kynar wire to repair the eaten traces Hot gluing the wires into place.

After all this, I took the narrow CW filter from my trusty TS-940 and installed it in the 690. After doing this, I found the the filter would not select. I went into the hidden menu and made sure to reset the radio and to also make sure that the filter was installed.
Still no joy. The rest of the filters would activate but the 250Hz filter would act as though it was dead. no sound at all.

I then went over the entire filter select lines plus input and output lines. The filter select lines were working.
I then decided to look for another IF board that did not have the cap leak problem. I finally found one on EPAY and bought it for $125.00 plus $13.00 and change to have it shipped to me. When it came, I gave the caps a good looking at. They were replaced with a 50V variety.

I put the board in, reset the radio, installed the 250Hz Filter and made sure it was selected in menu. This was going to work... RIGHT?
WRONG!!! I still had the same problem. UGGH (Here is where I start pulling my hair out and jumping up and down while spouted words that no person should even hear). What was going on?????

I scratched my head and left the radio alone for a couple of days. A few days later I had an idea. I knew that the 250Hz filter worked in the 940 so that couldn't be the problem RIGHT?

WRONG!!!!!

I noticed that inserting or removing the filter from the 940 required almost brute force to remove it and upon inserting the filter, I needed to insert one side whilst pushing on the connector pins on the other

side with a small plastic tool to get the pins to align with the holes and this would allow the filter to become seated.

After doing this, I had an Epiphany... What if it was something wrong with the filter itself? I broke out my trusty head magnifier, soldering station and my trusty Cubic Zirconium encrusted tweezers and examined the 250 Hz filter board thoroughly. Guess what... There was a hairline crack where the solder connection for the connector meets the trace on the filter board. This is the line that activates the filter.

Since the filter was firmly connected to the 940, I came to the conclusion that the pressure put on the contacts caused the offending contact to be pushed together with the trace causing the connection to make a more solid connection to the solder connection. (note that the filter plugs easily into the 680's IF board)

Once I repaired that connection plus re soldering the others, the 690 was back in business. I feel sort of proud that I not only repaired a board that was a total mess but I did what I would consider a professional repair job on the 690 IF board and was able to troubleshoot the problem with the filter.

I tested the new IF board I bought and it worked flawlessly. I plan on using the one I repaired instead of the new one. Just so I can say, I fixed it and it works!
Now, I have a good IF board that I no longer need.

So, that's my story. I hope it may help someone in the future who is experiencing the same problem.
If you wish to contact me with regards to buying the board I have for sale, then drop me a line offlist.

Thanks for reading this!

--
73...
Bob de k2ki
k2ki@...
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

12855. Re: The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-08 20:59:51 UTC
From: cpa2000@...
Topic: 12852 Message: 12855

Thank you Kevin.

How does one access the "secret menu" to change the xmit BW?

12856. For sale YK-88SN-1 filter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-09 04:28:59 UTC
From: i5skk.qrp@...
Topic: 12856 Message: 12856

Hallo to the group,
I recently got an " used, but quite unused" (hi) TS850 at a very nice as and I want to join it the "old" TS930.
I'm an only W OM, as SSB is for some friend in my area and not more, and placed the two CW narrow filters in the 850 and so I now have an SSB narrow YK-88N-1 1,8 kHz filter that I don't use anymore.

I think a good price could be 60 euro + shipping. (I'm in Italy)
If anyone need it please be free to drop an email: i5skk.qrp(at)gmail.com

Best 73 and cu on the air.

Alex I5SKK ex I0SKK

12857. Re: [TS-850_450_690] Re: The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-09 06:37:01 UTC
From: kkyahoo
Topic: 12852 Message: 12857

The routine is as follows, 01 is the function that you need.

Pressing SCAN + TX-M.CH will set the radio into its extended function mode. These options can be scrolled via the M.CH/VFO CH. switch. The following are the extended functions:

00 - This is the ROM Checksum displayed as a 4-digit hexadecimal number This cannot be changed.

01 - Allow filter selection in transmit. Initially set OFF.

02 - Antenna tuner power down. Initially set to OFF.

03 - Antenna tuner non-stop mode. When set to on, the antenna tuner will not stop when the lowest VSWR is found. Initially set to OFF.

04 - Store mode, and filter settings prior to changing bands, or channels. Initially set to ON.

05 - Display -HELLO- on digitial display, and send it in Morse code on power up. Initially set OFF.

06 - Turn full LCD display ON on power on. Initially set OFF.

07 - Turn Subtone ON or OFF. Initiálly set ON. Note that even when set off, the TONE indicator will be lit on the display.

08 - Unknown. Initially set OFF.
----- Original Message -----
From: cpa2000@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 08, 2014 9:59 PM
Subject: [TS-850_450_690] Re: The TS-850 on AM?

Thank you Kevin.

How does one access the "secret menu" to change the xmit BW?

12858. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 01:49:37 UTC
From: Steve Gehring
Topic: 12852 Message: 12858

Hello,

The TS-850S produces a terrific signal on AM. Here's how to do it.

1. Set the rig's RF Power (PWR) control fully clockwise for 100 Watts nominal power output (peak power on AM, which is equivalent to 100 Watts carrier power on CW).
2. Adjust your Mic Gain (MIC) for the setting that just produces a slight ALC reading on SSB.
3. Key the microphone on AM, and adjust the Carrier (CAR) for 20 to 25 Watts keyed and unmodulated RF carrier power output.

You're good to go now. Speak normally like you do on SSB. What you should see is this:
1. Similar ALC defection (keep in down and in the normal range)
2. RF Power meter deflecting upwards towards 50 Watts or so. Actual peak power should approach 100 Watts.

Good Luck. They really do sound good.

73.

On Wed, Oct 8, 2014 at 7:52 AM, cpa2000@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I am thinking about buying aTS-850 and I want to use it on 160, 75 & 40 AM
> as well as SSB.
>
>
> Will it produce a decent AM signal?
>
> Are any mods required to get it to sound good on AM?
>
> Do I need to add an AM filter?
>
>
> I'll be running it with an Amp Supply LK450 (single 3-500) & would like to
> get about 200 watts out on AM.
>
>
>
> Any experience out there?
>
>
>

>
>
>
>

12859. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 01:55:03 UTC
From: Steve Gehring
Topic: 12852 Message: 12859

Oh... forgot to mention:

You do NOT need an AM filter.
Set both IF filter section options to 6 KHz only.

And, use my previous directions, adjusting the carrier for 25 Watts (or
less) and the mic gain for full modulation, but well withing the ALC range.

Good Luck and 73.

Steve, NL7W

On Wed, Oct 8, 2014 at 7:52 AM, cpa2000@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I am thinking about buying aTS-850 and I want to use it on 160, 75 & 40 AM
> as well as SSB.
>
>
> Will it produce a decent AM signal?
>
> Are any mods required to get it to sound good on AM?
>
> Do I need to add an AM filter?
>
>
> I'll be running it with an Amp Supply LK450 (single 3-500) & would like to
> get about 200 watts out on AM.
>
>
>
> Any experience out there?
>
>
>
>
>
>
>
>

12860. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 09:25:13 UTC
From: kkyahoo
Topic: 12852 Message: 12860

Agreed, keep the mod peaks well away from the 100W limit of the rig or you will cause the alc to turn the carrier down, a common effect on a lot of rigs. The mod is generated in the balanced modulator which is unbalanced using the carrier control in AM. Overmodulating causes it to sound horrible. If you have ever heard a TS50 in AM you will know what I mean! The overmod does not break the carrier like the old plate and screen mod or like a series modulator, it folds over the zero point of the carrier as observed on a scope as you start to go into DSB mode.

----- Original Message -----
From: Steve Gehring steven.gehring@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 10, 2014 2:49 AM
Subject: Re: [TS-850_450_690] The TS-850 on AM?

Hello,

The TS-850S produces a terrific signal on AM. Here's how to do it.

1. Set the rig's RF Power (PWR) control fully clockwise for 100 Watts nominal power output (peak power on AM, which is equivalent to 100 Watts carrier power on CW).

2. Adjust your Mic Gain (MIC) for the setting that just produces a slight ALC reading on SSB.

3. Key the microphone on AM, and adjust the Carrier (CAR) for 20 to 25 Watts keyed and unmodulated RF carrier power output.

You're good to go now. Speak normally like you do on SSB. What you should see is this:
1. Similar ALC defection (keep in down and in the normal range)

2. RF Power meter deflecting upwards towards 50 Watts or so. Actual peak power should approach 100 Watts.

Good Luck. They really do sound good.

73.

On Wed, Oct 8, 2014 at 7:52 AM, cpa2000@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

I am thinking about buying aTS-850 and I want to use it on 160, 75 & 40 AM as well as SSB.

Will it produce a decent AM signal?

Are any mods required to get it to sound good on AM?

Do I need to add an AM filter?

I'll be running it with an Amp Supply LK450 (single 3-500) & would like to get about 200 watts out on AM.

Any experience out there?

12861. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 14:41:41 UTC
From: cpa2000@...
Topic: 12852 Message: 12861

So this mod [http://www.ka0ka.com/am_mods.html http://www.ka0ka.com/am_mods.html] isn't necessary for high quality AM?

12863. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 19:48:31 UTC
From: steven.gehring@...
Topic: 12852 Message: 12863

This mod is OVERKILL!

Just use a good sounding mic with the rig. I personally use a Shure 522 with a response similar to a Heil Goldline. It directly drive the front panel's mic input jack and mic audio amplifier circuit, and sounds great on the air. I somewhat "close talk" the 522, lips within about an inch, and leave the audio tailoring "high-boost" circuit on all the time (most of my voice ops is on SSB).

Just follow my previous directions:
1. RF Power (PWR) control fully clockwise.
2.Carrier (CAR) adjusted for equal to or less than 25 Watts (unmodulated AM carrier).
3. Adjust microphone gain (MIC) for your normal SSB setting initially, then fine tune the mic gain for minimal ALC deflection.

If you follow these steps, you'll sound great! 20 to 25 Watts will drive most kilowatt output amplifiers beautifully also. I drive my Alpha 374A to a carrier level of 200 Watts. That equates to a rig carrier level of 20 Watts, adjusted with the CAR control (not the PWR control, leave that fully clockwise).

73 de Steve, NL7W

12864. Errata in my previous message (For sale x48-3090xx IF board)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 21:57:50 UTC
From: Bob Bruno - K2KI
Topic: 12864 Message: 12864

Hi folks,
I posted a forsale message for an x48-3090xx board. I typo-ed the
subject line.
Here are the details:

I have for sale a X48-3090-xx If board for both the 450 and 690.
I am asking $100.00 plus shipping from Vermont 05459.

--
73...
Bob de k2ki
k2ki@...
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

12865. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 15:46:12 UTC
From: kkyahoo
Topic: 12852 Message: 12865

Hi, It bypasses the mike preamp in the rig as I recall, so gets you the best audio out of the rig. Not something I think you absolutely have to do to sound good though.

By the way I bought the filter board for the 2nd/455kHz IF from INRAD. I fitted the board with a wire link and it's enabled in the 500Hz position. Not much difference to my ears on receive than when the 12kHz is enabled.

73

----- Original Message -----
From: cpa2000@yahoo.com [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 10, 2014 3:41 PM
Subject: Re: [TS-850_450_690] The TS-850 on AM?

So this mod [http://www.ka0ka.com/am_mods.html] isn't necessary for high quality AM?

12866. Re: [TS-850_450_690] The TS-850 on AM?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-10 21:04:39 UTC
From: cpa2000@...
Topic: 12852 Message: 12866

OK - got it. Sounds good.

12867. vox on or send in cw

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-10-28 15:42:14 UTC
From: joel.guiheneuf@...
Topic: 12867 Message: 12867

hello dear freinds
i now new on the group and tkans for the acception
with the TS 450S and KEYER PICOKEYER
i discover each point and i have a question :
in the check list for transmission in cw; we have to put VOX ON
NO TOUCH REC/SEND .
but i have in qso a bad sound and on echo for the return and control my signal
idea of the mistake ?
best regards
73qro
F8EZZ JOEL

12868. Re: vox on or send in cw

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-04 16:09:19 UTC
From: dmueller421@...
Topic: 12867 Message: 12868

Hello Joel,

If you do not wish to use VOX, then you will have to manually push the SEND/REC button each time you wish to send. The VOX delay is on the bottom right side of the TS450, it will adjust the delay for send/receive. Fully anti-clockwise is almost like QSK.

73
Dave AA3EE

12869. TS850 mute due tyo a bolt

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-04 12:09:45 UTC
From: i5skk.qrp@...
Topic: 12869 Message: 12869

Hallo guys I've a question if it was happened to someone esle here.
This morning I was working in the shack and listening the 7MHz band CW; it was raining but nothing more, when a sudden bolt made the main AC line off. I live in a little village outside the city and so it is normal; I shitched on and all was agin on tha web router, the freezer but.. tthe TS85o was mute at all. In TX it is ok, nothing different but in RX nothing at all, just in AM/FM I hear an hiss in the speaker but CW and SSB nothing. In andvance to make the search I'm asking if someone else experienced this trouble and in the case what was the foult; otherwise I'll do the serach beginning the AF line and going back. What I'm quite sure it's ok is the PLL as in TX nothing is wrong, but what's now I don't know...

Many thanks for ANY answer, help and suggestion.

73

Alex I5SKK

12870. Re: [TS-850_450_690] Re: vox on or send in cw

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-04 18:10:49 UTC
From: joel guiheneuf
Topic: 12867 Message: 12870

Hello DAVE
thanks for your answord
its ok now and the quality sound of the operate is good without qsb and echo
73
F8EZZ JOEL

----- Original Message -----
From: dmueller421@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 04, 2014 5:09 PM
Subject: [TS-850_450_690] Re: vox on or send in cw

Hello Joel,

If you do not wish to use VOX, then you will have to manually push the SEND/REC button each time you wish to send. The VOX delay is on the bottom right side of the TS450, it will adjust the delay for send/receive. Fully anti-clockwise is almost like QSK.

73
Dave AA3EE

Ce courrier électronique ne contient aucun virus ou logiciel malveillant parce que la protection avast! Antivirus est active.
http://www.avast.com

12871. Re: [TS-850_450_690] TS850 mute due tyo a bolt

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-04 19:14:35 UTC
From: Dennis
Topic: 12869 Message: 12871

I had a similar experience. It has been many years ago. I think the tech replaced 5 capacitors in the receive circuitry. Sorry I could not be more specific, but they were surface mount components and beyond my abilities. 73

Dennis W8YS

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 04, 2014 7:09 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850 mute due tyo a bolt

Hallo guys I've a question if it was happened to someone esle here.
This morning I was working in the shack and listening the 7MHz band CW; it was raining but nothing more, when a sudden bolt made the main AC line off. I live in a little village outside the city and so it is normal; I shitched on and all was agin on tha web router, the freezer but.. tthe TS85o was mute at all. In TX it is ok, nothing different but in RX nothing at all, just in AM/FM I hear an hiss in the speaker but CW and SSB nothing. In andvance to make the search I'm asking if someone else experienced this trouble and in the case what was the foult; otherwise I'll do the serach beginning the AF line and going back. What I'm quite sure it's ok is the PLL as in TX nothing is wrong, but what's now I don't know...

Many thanks for ANY answer, help and suggestion.

73

Alex I5SKK

12872. TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-05 01:05:16 UTC
From: rzacharkow@...
Topic: 12872 Message: 12872

The TS-450 manual calls for a 6mm phone plug to use in the CW key jack. Where might I get one of these as online I am seeing typically 1/4 inch plugs (which I assume is too large).

Please correct me if I am wrong.

Thanks

Rick N1NIJ

12873. Re: [TS-850_450_690] TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-05 02:14:08 UTC
From: Steven KA9MOT
Topic: 12872 Message: 12873

6mm = 1/4 inch
On Nov 4, 2014 7:44 PM, "rzacharkow@... [TS-850_450_690]" <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> The TS-450 manual calls for a 6mm phone plug to use in the CW key jack.
> Where might I get one of these as online I am seeing typically 1/4 inch
> plugs (which I assume is too large).
>
>
> Please correct me if I am wrong.
>
>
> Thanks
>
>
> Rick N1NIJ
>
>

12874. Re: [TS-850_450_690] TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-05 06:03:16 UTC
From: joel guiheneuf
Topic: 12872 Message: 12874

hello

1/4 inch = 6,35mm
is correct in the world
have a good day
.....
1/4 de pouce a toujours fait 6,35mm dans le monde entier depuis le premier jour ou il a fallu faire vivre les 2 systemes et travailler avec
.....
bonne journée à tous et bonne fin de semaine
73 et 88 qra
joel F8EZZ
----- Original Message -----
From: Steven KA9MOT ka9mot@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 05, 2014 3:14 AM
Subject: Re: [TS-850_450_690] TS-450 straight key plug

6mm = 1/4 inch

On Nov 4, 2014 7:44 PM, "rzacharkow@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

The TS-450 manual calls for a 6mm phone plug to use in the CW key jack. Where might I get one of these as online I am seeing typically 1/4 inch plugs (which I assume is too large).

Please correct me if I am wrong.

Thanks

Rick N1NIJ

Ce courrier électronique ne contient aucun virus ou logiciel malveillant parce que la protection avast! Antivirus est active.
http://www.avast.com

12875. Re: [TS-850_450_690] TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-05 06:19:49 UTC
From: joel guiheneuf
Topic: 12872 Message: 12875

HELLO I COME BACK

25,4/4=6,35 25,40000000000000000/4=6,35
good for precision in mecanicalwork
73 de f8ezz joel
----- Original Message -----
From: Steven KA9MOT ka9mot@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 05, 2014 3:14 AM
Subject: Re: [TS-850_450_690] TS-450 straight key plug

6mm = 1/4 inch

On Nov 4, 2014 7:44 PM, "rzacharkow@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

The TS-450 manual calls for a 6mm phone plug to use in the CW key jack. Where might I get one of these as online I am seeing typically 1/4 inch plugs (which I assume is too large).

Please correct me if I am wrong.

Thanks

Rick N1NIJ

Ce courrier électronique ne contient aucun virus ou logiciel malveillant parce que la protection avast! Antivirus est active.
http://www.avast.com

12876. Re: [TS-850_450_690] TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-05 14:37:12 UTC
From: Tom Waraksa
Topic: 12872 Message: 12876

The TS-450 cw key jack is indeed a 1/4" phone jack.
Best 73's,
Tom AF8P

On Wednesday, November 5, 2014 2:04 AM, "'joel guiheneuf' joel.guiheneuf@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

☐HELLO I COME BACK 25,4/4=6,35 25,40000000000000000/4=6,35 good for precision in mecanicalwork 73 de f8ezz joel
----- Original Message ----- From: Steven KA9MOT ka9mot@... [TS-850_450_690] To: TS-850_450_690@...m Sent: Wednesday, November 05, 2014 3:14 AM Subject: Re: [TS-850_450_690] TS-450 straight key plug
6mm = 1/4 inch On Nov 4, 2014 7:44 PM, "rzacharkow@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

The TS-450 manual calls for a 6mm phone plug to use in the CW key jack. Where might I get one of these as online I am seeing typically 1/4 inch plugs (which I assume is too large). Please correct me if I am wrong.
Thanks
Rick N1NIJ

| | Ce courrier électronique ne contient aucun virus ou logiciel malveillant parce que la protection Antivirus avast! est active. |

<!--

12877. Re: [TS-850_450_690] TS850 mute due tyo a bolt

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-05 07:26:17 UTC
From: i5skk.qrp@...
Topic: 12869 Message: 12877

Thanks Danny,
in fact I think it's not so easy for me too and I'll send the rig to tech...
Many thanks anyway.

73

Alex I5SKK

12878. Re: TS850 mute due tyo a bolt

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-06 02:27:45 UTC
From: Tom
Topic: 12869 Message: 12878

Try doing a factory reset...don't remember how but you hold in a couple of buttons while turning on the power switch. It may cure your problem.

12879. Re: TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 00:38:47 UTC
From: rzacharkow@...
Topic: 12872 Message: 12879

Thanks and 73's.

12880. Re: TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 00:39:26 UTC
From: rzacharkow@...
Topic: 12872 Message: 12880

Many thanks, 73.

12881. Another TS-450 and Straight Key Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 00:38:10 UTC
From: rzacharkow@...
Topic: 12881 Message: 12881

Hello to all in the group once again! This week I received a Kent KT-1 straight key I ordered from one of the national stores. This is supposed to be a high quality key and it sure feels as such. It comes with a cable attached and you supply the plug.

OK, here is my concern (or most likely, paranoia). The TS-450 manual says on pp 11 and 22 to "always" use shielded line from the key to the transceiver. The cable that comes with the Kent is not shielded. Is this cable something I should change out for shielded (the manual is making me nervous here), or what would be the negative consequences of simply using the supplied cable?

Yeah, I am naive, but I would appreciate your input here as I don't want to do damage to the 450 (I am the original owner and have taken good care of the radio through the years).

Thanks in advance folks.

Rick Zacharkow de N1NIJ

12882. Re: TS-450 straight key plug

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 00:41:28 UTC
From: rzacharkow@...
Topic: 12872 Message: 12882

Thank you! 73

12883. TS-450 sensitivity adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 04:43:12 UTC
From: Tom Osborne
Topic: 12883 Message: 12883

Is there a control for adjusting the sensitivity of the TS-450SAT? I have 2 of them here, but one of them is about 10 dB lower in sensitivity than the other according to the S-meter. I'd like to find an adjustment to try and peak it up some.

Thanks and 73
Tom W7WHY

12884. TS-850S DC plug pinout

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 11:53:02 UTC
From: hans.ostnell@...
Topic: 12884 Message: 12884

Hi!

Can anyone help me with the pinout of the 13.8V DC Connector on the back side of the rig? As I see, it uses a 6-pin connector, but only 4 pins are used.

Happy for any help.

73,

Hans / LA2MOA
Vardo island, Arctic Norway
EU-141, KQ50ni

12885. Re: Another TS-450 and Straight Key Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 13:16:19 UTC
From: T. Scott Griffin
Topic: 12885 Message: 12885

Hi Rick,

I use the shielded cable that you can get at Radio Shack from my key to the keyer and from the keyer to the TS-450. The reason I think the manual says that is to keep any stray Rf in the radio shack out of the keyer circuit. I also own a TS-440S and that manual also specifies using shielded cable from the key to the transceiver.

Hope that helps. Enjoy you new Kent key.

Scott, N6CIC

Sent from Windows Mail

12886. Re: Another TS-450 and Straight Key Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 14:57:42 UTC
From: dmueller421@...
Topic: 12881 Message: 12886

The radio won't know if the wire is shielded. It's probably recommended to prevent picking up RF in the shack etc.

If you want, I'll hook up my J-37 with some speaker wires to my 450 as a guinea pig.

Dave AA3EE

12887. Re: [TS-850_450_690] Re: Another TS-450 and Straight Key Question

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 16:46:08 UTC
From: Tom Waraksa
Topic: 12881 Message: 12887

Shielded cable would be nice and is recommended but I have used many straight keys without it.
73,
Tom AF8P

On Friday, November 7, 2014 10:36 AM, "dmueller421@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

The radio won't know if the wire is shielded. It's probably recommended to prevent picking up RF in the shack etc.
If you want, I'll hook up my J-37 with some speaker wires to my 450 as a guinea pig.

Dave AA3EE

12888. Re: [TS-850_450_690] TS-850S DC plug pinout

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-07 19:05:31 UTC
From: John Nitzke
Topic: 12884 Message: 12888

Hans,

For the TS-850:

Positive 13.8 VDC goes to both Pin 1 and Pin 4.

Negative is Pin 2 and Pin 5.

On my factory cable, pins 3 and 6 are not connected. There
are not even any metal terminals in those positions.

Looking at the back of the radio:

```
Top
-------------------------------------
| 3 none 2 Neg 1 Pos |
| |
| |
| 6 none 5 Neg 4 Pos |
-------------------------------------
```

73 de KF4KI
-John

At 06:53 AM 11/7/2014, you wrote:
>
>
>Hi!
>
>
>Can anyone help me with the pinout of the 13.8V DC Connector on the
>back side of the rig? As I see, it uses a 6-pin connector, but only
>4 pins are used.
>
>
>Happy for any help.
>
>
>73,
>
>
>Hans / LA2MOA
>
>Vardo island, Arctic Norway
>
>EU-141, KQ50ni
>

>
>----------
>Posted by: hans.ostnell@...

12889. Re: [TS-850_450_690] TS-850S DC plug pinout

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-08 10:39:40 UTC
From: hans.ostnell@...
Topic: 12884 Message: 12889

John,

Many thanks for this! Yes, that was what I suspected, but great to get it confirmed. Would be a pity to make mistakes when making a new DC-harness to my recently purchased TS-850SAT, which was delivered without...

Thnx again!

Hans / LA2MOA
Vardo island, EU-141
KQ50ni

12890. C99 and C101 ratings?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-17 16:12:12 UTC
From: darklupine@...
Topic: 12890 Message: 12890

So, my TS-450 just had the C-104 cap dump it's guts onto the IF board. Looking around, some people suggest that the C99 and C101 caps also can commonly fail in a similar way. I found the rating for the C104 cap, but I'm having trouble finding the ratings for the other two. I can't find it on the caps themselves. Does anyone know what these are?

I've also seen C20 suggested as something to replace. Is that a good idea?

I'm hoping that the elecrolytic goo didn't damage the traces enough that I'll have to add jumpers, but I guess we'll see.

Thanks
Sean KB1YOQ

12891. rx delay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-18 03:46:21 UTC
From: lw3ewz@...
Topic: 12891 Message: 12891

Dear friends

I have a problema with mi ts-850
i have delay in rx after tx
the tx is good but when leave tx the rx return after 15 secs.. during this time not receive.
I have a caps in dds (car unit) with leakage. i change some caps .
maybe nb don work , and m-in buton dont Works too.
any ideas
thanks in advance
gus
lw3ewz

12892. Re: [Bulk] [TS-850_450_690] rx delay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-18 17:26:27 UTC
From: Tom Osborne
Topic: 12891 Message: 12892

Check VOX delay.

Sent from my iPhone

> On Nov 17, 2014, at 7:46 PM, "lw3ewz@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:
>
> Dear friends
>
>
>
> I have a problema with mi ts-850
>
> i have delay in rx after tx
>
> the tx is good but when leave tx the rx return after 15 secs.. during this time not
receive.
>
> I have a caps in dds (car unit) with leakage. i change some caps .
>
> maybe nb don work , and m-in buton dont Works too.
>
> any ideas
>
> thanks in advance
>
> gus
>
> lw3ewz
>
>

12893. Where to buy NEW cables for TS-450/TS-850's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-20 03:51:55 UTC
From: zclobes@...
Topic: 12893 Message: 12893

Does anyone have any sources (Digikey, Mouser, etc) for any of the cables inside of the Kenwood rigs? Specifically I'm looking for a NEW source of ribbon cables, but part numbers for the little ?molex? connectors and RF connectors would be nice too.

I'm looking for new parts sources, not used surplus. If anyone can help, I'd greatly appreciate it.

Zack Clobes, W0ZC

12894. Re: rx delay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-23 01:25:45 UTC
From: lw3ewz@...
Topic: 12891 Message: 12894

I chek the vox but the vox is not problem

12895. Broken MIC pot (R05-3462-05)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-24 20:24:44 UTC
From: uvisintini@...
Topic: 12895 Message: 12895

Hi, I finally was able to break (bend) the shaft of the MIC-pot. Can't control the mic gain anymore (ALC way out of control) I checked the Kenwood website and the East repair shop, to find out it is not available anymore. Does any body know the value of this pot and some kind of replacement.
Thanks, 73 de KF4KUL

12896. Re: [TS-850_450_690] Broken MIC pot (R05-3462-05)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-24 20:42:12 UTC
From: John tf
Topic: 12895 Message: 12896

eBay , all kinds of parts

John
KD0CAC

On Mon, Nov 24, 2014 at 2:24 PM, uvisintini@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi, I finally was able to break (bend) the shaft of the MIC-pot. Can't
> control the mic gain anymore (ALC way out of control) I checked the Kenwood
> website and the East repair shop, to find out it is not available anymore.
> Does any body know the value of this pot and some kind of replacement.
>
> Thanks, 73 de KF4KUL
>
>
>

12897. Re: [TS-850_450_690] Broken MIC pot (R05-3462-05)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-24 21:00:49 UTC
From: NIGEL FENTON
Topic: 12895 Message: 12897

Let me look tonight after work, I may have a spare.

Regards
Nigel G0JKN

From: "John tf john.faughn@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, 24 November 2014, 15:42
Subject: Re: [TS-850_450_690] Broken MIC pot (R05-3462-05)

eBay , all kinds of parts

John
KD0CAC
On Mon, Nov 24, 2014 at 2:24 PM, uvisintini@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>Hi, I finally was able to break (bend) the shaft of the MIC-pot. Can't control the mic gain anymore (ALC way out of control) I checked the Kenwood website and the East repair shop, to find out it is not available anymore. Does any body know the value of this pot and some kind of replacement.
>Thanks, 73 de KF4KUL

12898. TS-450 S-meter adjust

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-26 02:48:58 UTC
From: Tom Osborne
Topic: 12898 Message: 12898

Hi All

How do you adjust the S-meter on the TS-450? Thanks and 73
Tom W7WHY

12899. TS-850SAT , AM mode no carrier when PTT pressed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-28 18:57:35 UTC
From: ab6st@...
Topic: 12899 Message: 12899

I need help troubleshooting my TS_850SAT.
Full output power on CW, SSB, FM modes.
However, when on AM mode, I press the PTT
and no output. when I talk on the mike, the power
meter shows output based on how strong I speak on the mike.

The symptom is the same even when the carrier control is in mid or full position.

any ideas or experience with this problem ?

73;

Conrad AB6ST

12900. troubleshooting my TS_850SAT.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-28 21:19:14 UTC
From: Stewart Braud
Topic: 12900 Message: 12900

AM MODE!!!!
Thank of old CB days.

Stew K5STA

12901. Re: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-28 21:21:09 UTC
From: michael
Topic: 12899 Message: 12901

Hi,It happened to me a few times on a under 3 million serial number850. I had to reset it to factory specs, (hard reboot) andmake sure I had the correct filters on...I noticed if I pushed a filter slot I didn't have, it would not tx/rx.
73'sMike
From: "ab6st@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 28, 2014 1:57 PM
Subject: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

  I need help troubleshooting my TS_850SAT.Full output power on CW, SSB, FM modes.However, when on AM mode, I press the PTT and no output. when I talk on the mike, the powermeter shows output based on how strong I speak on the mike.
The symptom is the same even when the carrier control is in mid or full position.
any ideas or experience with this problem ?
73;
Conrad AB6ST <!--

12902. Re: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-28 22:20:24 UTC
From: Tom Kutz
Topic: 12899 Message: 12902

Could this be caused but low voltage on the memory battery?

Tom WA0LRE

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Friday, November 28, 2014 3:21 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

Hi,
It happened to me a few times on a under 3 million serial number
850. I had to reset it to factory specs, (hard reboot) and
make sure I had the correct filters on...I noticed if I pushed a
filter slot I didn't have, it would not tx/rx.

73's

Mike

From: "ab6st@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 28, 2014 1:57 PM
Subject: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

I need help troubleshooting my TS_850SAT.
Full output power on CW, SSB, FM modes.
However, when on AM mode, I press the PTT
and no output. when I talk on the mike, the power
meter shows output based on how strong I speak on the mike.

The symptom is the same even when the carrier control is in mid or full position.

any ideas or experience with this problem ?

73;

Conrad AB6ST

12903. Re: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-30 00:11:23 UTC
From: Conrad San Diego
Topic: 12899 Message: 12903

Thanks for reply Mike.I looked at schematic diagram, and found on the IF board , the voltage on IC3 (Balance Modulator) pin 2 is around 2.6V it should be 3.86 V.I adjusted VR8 and the carrier output on AM mode is now at 50 watts.
73;Conrad San Diego
AB6ST
From: "michael n2knw@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 28, 2014 3:21 PM
Subject: Re: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

  Hi,It happened to me a few times on a under 3 million serial number850. I had to reset it to factory specs, (hard reboot) andmake sure I had the correct filters on...I noticed if I pushed a filter slot I didn't have, it would not tx/rx.
73'sMike
From: "ab6st@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 28, 2014 1:57 PM
Subject: [TS-850_450_690] TS-850SAT , AM mode no carrier when PTT pressed

  I need help troubleshooting my TS_850SAT.Full output power on CW, SSB, FM modes.However, when on AM mode, I press the PTT and no output. when I talk on the mike, the powermeter shows output based on how strong I speak on the mike.
The symptom is the same even when the carrier control is in mid or full position.
any ideas or experience with this problem ?
73;
Conrad AB6ST

12904. TS-450 Autotuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-30 18:16:43 UTC
From: jim.w0em@...
Topic: 12904 Message: 12904

Hi,

The local radio club (Pikes Peak Radio Amateur Association) has a TS-450 with autotuner that will not auto tune. It can be tuned manually. It will not tune on any band. I'm aware that it was designed not to tune on 160 meters. Anyone have any ideas or clues as to where to start troubleshooting?

Thanks and 73,

Jim H., W0EM

12905. Re: [TS-850_450_690] TS-450 Autotuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-11-30 19:55:30 UTC
From: joel guiheneuf
Topic: 12904 Message: 12905

hello JIM A and everybody

have you the instruction manual?
"it will not tune on any band "
what is the ros before try to tune ? have you the barrgraf?

in first test with a dummyload
73 qro
f8ezz joel

hello
avez vous le manuel utilisateur?=instruction manuel
etes vous sur la bonne antenne ?
etes vous en puissance minimum?
combien avez vous de tos avant réglage ?
avez vous d'abord essayé avec votre dummyload 50 ohms
à suivre

salutations
f8ezz joel

----- Original Message -----
From: jim.w0em@... [TS-850_450_690]
To: TS-850_450_690@...m
Sent: Sunday, November 30, 2014 7:16 PM
Subject: [TS-850_450_690] TS-450 Autotuner

Hi,

The local radio club (Pikes Peak Radio Amateur Association) has a TS-450 with autotuner that will not auto tune. It can be tuned manually. It will not tune on any band. I'm aware that it was designed not to tune on 160 meters. Anyone have any ideas or clues as to where to start troubleshooting?

Thanks and 73,

Jim H., W0EM

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
http://www.avast.com

12906. Re: TS-450 Autotuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-01 04:06:31 UTC
From: Mel Cruts
Topic: 12904 Message: 12906

Hi,
Be sure Carrier Control has not been turned down too low. It will not tune if the CAR control is not properly set.
73,
Mel - KF6OZ

12907. Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-02 08:21:33 UTC
From: Ervin Hegedüs
Topic: 12907 Message: 12907

Hi Folks,

I'm newbie here - my callsign is HA2OS, I'm a happy owner of a TS-850.

I'ld like to monitoring the band, what my receiver is "hearing", not just the audio output. I've an SDR (rtl-2838), and an LNB with 20MHz LO - now theoretically I can "hear" the 850's IF output.

But there isn't any signal at the output of SDR, when I connect the LNB to IF output.

If I connect the real antenna, I can hear the broadcast stations and markers on 40m band.
When I send signals from my rig, that also visible on the SDR, with a provisional antenna.

So, I think the LNB and SDR works as well.

On the Softrock SDR list, I got the info, here is this group, and may be somebody can help me.

So, what's the TS-850's IF output signal level? And what's the matched impedance?

Thanks,

73:

Ervin
HA2OS

12908. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-03 09:12:58 UTC
From: Bryan Swadener
Topic: 12907 Message: 12908

Hi Ervin,
Since I didn't find the output level listed in any manual, I recall doing some deductive reasoning to approximate the wideband IF output level of the TS850. I found the sensitivity of my SM-220 -- if I recall correctly it is only a few mV/cm. And so, the maximum output level of the TS850 is very low... on the order of 20mV.
I wanted to drive my olde Heathkit SB-620 'Scanalyzer' (with the input amplifier switched to function as a mixer), and needed close to a volt across a few K-ohms to drive it. Since the TS850S' IF output is Lo-Z (likely 50 ohms), I was able to use four MAR-3 MMICs (about 10dB/unit) to get enough level to make it work. I hope that helps.
vy 73,Bryan WA7PRC
PS: Funny photo on QRZ!

Subject: Question about IF output
From: Ervin Hegedüs
Date: Tue Dec 2, 2014

Hi Folks,

I'm newbie here - my callsign is HA2OS, I'm a happy owner of a TS-850.

I'ld like to monitoring the band, what my receiver is "hearing", not just the audio output. I've an SDR (rtl-2838), and an LNB with 20MHz LO - now theoretically I can "hear" the 850's IF output.

But there isn't any signal at the output of SDR, when I connect the LNB to IF output.

If I connect the real antenna, I can hear the broadcast stations and markers on 40m band.
When I send signals from my rig, that also visible on the SDR, with a provisional antenna.

So, I think the LNB and SDR works as well.

On the Softrock SDR list, I got the info, here is this group, and may be somebody can help me.

So, what's the TS-850's IF output signal level? And what's the matched impedance?

Thanks,

73:

Ervin
HA2OS

12909. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-03 10:59:57 UTC
From: ik8vze
Topic: 12907 Message: 12909

thanks for the info I also use a sm-220 on output if, and sensitivity is like saying you're very low, a good test for food for thought in the future
ik8vze ac2lc Espedito
----- Original Message -----
From: Bryan Swadener bswadener@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Cc: airween@...
Sent: Wednesday, December 03, 2014 10:12 AM
Subject: Re: [TS-850_450_690] Question about IF output

Hi Ervin,

Since I didn't find the output level listed in any manual, I recall doing some deductive reasoning to approximate the wideband IF output level of the TS850. I found the sensitivity of my SM-220 -- if I recall correctly it is only a few mV/cm. And so, the maximum output level of the TS850 is very low... on the order of 20mV.

I wanted to drive my olde Heathkit SB-620 'Scanalyzer' (with the input amplifier switched to function as a mixer), and needed close to a volt across a few K-ohms to drive it. Since the TS850S' IF output is Lo-Z (likely 50 ohms), I was able to use four MAR-3 MMICs (about 10dB/unit) to get enough level to make it work. I hope that helps.

vy 73,
Bryan WA7PRC

PS: Funny photo on QRZ!

Subject: Question about IF output
From: Ervin Hegedüs
Date: Tue Dec 2, 2014

Hi Folks,

I'm newbie here - my callsign is HA2OS, I'm a happy owner of a TS-850.

I'ld like to monitoring the band, what my receiver is "hearing", not just
the audio output. I've an SDR (rtl-2838), and an LNB with 20MHz LO - now
theoretically I can "hear" the 850's IF output.

But there isn't any signal at the output of SDR, when I connect the LNB to
IF output.

If I connect the real antenna, I can hear the broadcast stations and
markers on 40m band.
When I send signals from my rig, that also visible on the SDR, with a
provisional antenna.

So, I think the LNB and SDR works as well.

On the Softrock SDR list, I got the info, here is this group, and may be somebody can help me.

So, what's the TS-850's IF output signal level? And what's the matched impedance?

Thanks,

73:

Ervin
HA2OS

Questa e-mail è stata controllata per individuare virus con Avast antivirus.
http://www.avast.com

12910. Re: Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-03 11:41:53 UTC
From: yahoo@...
Topic: 12907 Message: 12910

Ervin

I connected a "softrock" SDR reciever to the IF out of my TS-850 (now a TS-870), and you do need to amplify the IF out, though I only required one MAR MMIC.

It is not clear from your original question if you are fully aware of the output frequencies from the IF output socket.

It is the 8.83 MHz IF that is output, so your SDR center frequency needs to be on this frequency (you are monitoring the IF not the antenna signals).

The 8.83 MHz IF is after the 73.05 first IF, so it will have a limited band width of only a few tens of kHz, tailing off at the edges.

So to get the IF frequencies into your SDR you must first tune your SDR to 8.83MHz, then tune the TS-850 into the signals you want to monitor.

You will see quite a bit of spectrum either side of the signals, and you can tune your SDR around these signals, but no more than about 40 kHz.

regards

Peter

12911. Re: [TS-850_450_690] Re: Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-03 12:10:49 UTC
From: Ervin Hegedüs
Topic: 12907 Message: 12911

Hi Peter,

thanks for you answer,

my SDR isn't the Softrock (yet), now I'm using an RTL USB dongle
(RTL2838u). That works from 24MHz to up a few GHz...
That's the reason, cause I have an LNB, which mixes the IF signal upper to
20MHz. Then the SDR hears the IF signal as 28830kHz.

The 40kHz bandwith isn't problem - even, may be it's good :). In most
cases, the 40kHz is enough (usually I'm working on CW).

Anything else is clear, I'll see, what's the "MAR MMIC", and how can I get
one of that.

73,

Ervin
HA2OS

On Wed, Dec 3, 2014 at 12:41 PM, yahoo@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Ervin
>
> I connected a "softrock" SDR reciever to the IF out of my TS-850 (now a
> TS-870), and you do need to amplify the IF out, though I only required one
> MAR MMIC.
>
> It is not clear from your original question if you are fully aware of the
> output frequencies from the IF output socket.
>
> It is the 8.83 MHz IF that is output, so your SDR center frequency needs
> to be on this frequency (you are monitoring the IF not the antenna signals).
>
> The 8.83 MHz IF is after the 73.05 first IF, so it will have a limited
> band width of only a few tens of kHz, tailing off at the edges.
>
> So to get the IF frequencies into your SDR you must first tune your SDR to
> 8.83MHz, then tune the TS-850 into the signals you want to monitor.
>
> You will see quite a bit of spectrum either side of the signals, and you
> can tune your SDR around these signals, but no more than about 40 kHz.
>
> regards

>
> Peter
>
>

12912. Re: Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-03 17:48:18 UTC
From: dmueller421@...
Topic: 12907 Message: 12912

MMICs are internally matched 50 Ohm amplifiers, very simple to use. Mini Circuits and other vendors make them. Gain from 10 to 20 dB depending on model, power output 0 dBm to 20 dBm.

MAR is the series, like MAR-1, MAR-6 etc. Also ERA series, and MSA (from Avantek long ago).

You need a bias resistor, a decoupling capacitor and a DC blocking capacitor, and sometimes a small choke. 50 Ohm input and output.

Regards,
Dave AA3EE

---In TS-850_450_690@yahoogroups.com, <airween@...> wrote :

Anything else is clear, I'll see, what's the "MAR MMIC", and how can I get one of that.

73,

Ervin

HA2OS

12913. Re: [TS-850_450_690] Re: Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-04 08:29:07 UTC
From: Ervin Hegedüs
Topic: 12907 Message: 12913

Hi Dave,

thanks for the infos,

I've found MMIC closest to me, as I see, the MAR1 is enough for me.

I'll check this out,

73,
Ervin
HA2OS

On Wed, Dec 3, 2014 at 6:48 PM, dmueller421@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> MMICs are internally matched 50 Ohm amplifiers, very simple to use. Mini
> Circuits and other vendors make them. Gain from 10 to 20 dB depending on
> model, power output 0 dBm to 20 dBm.

>
> MAR is the series, like MAR-1, MAR-6 etc. Also ERA series, and MSA (from
> Avantek long ago).
>
> You need a bias resistor, a decoupling capacitor and a DC blocking
> capacitor, and sometimes a small choke. 50 Ohm input and output.
>
> Regards,
> Dave AA3EE
>
>
> ---In TS-850_450_690@yahoogroups.com, <airween@...> wrote :
>
>
> Anything else is clear, I'll see, what's the "MAR MMIC", and how can I get
> one of that.
>
>
> 73,
>
> Ervin
> HA2OS
>
>
>
>

12914. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-04 19:18:32 UTC
From: Bryan Swadener
Topic: 12907 Message: 12914

All,

In looking at the TS850S schematics, the bandwidth available at the IF OUT jack is whatever is allowed by the lumped element (L-C) frontend bandpass filters. My panadapters (Kenwood SM220 and Heathkit SB620) and lab spectrum analyzer (Advantest R4131B) all show signals well over +/- 50 KHz. The only reason for sweeping a narrow span is the small size of the displays. A modern computer monitor screen has no such limitation.

The "Monolythic Microwave Integrated Circuits" (MMICs) I used was the MAR3 because I had them, and their low frequency limit was acceptable. Not all MMICs are capable of operation into the low MHz region. MMICs and other suitable amplifiers are available from various sources. Mini-Circuits is one source.

Because my SB620's input amplifier was necessarily switched to function as a mixer instead, gain was reduced, and I needed many tens of decibels of gain in order to see the low IF output (approximately 20mV) from my TS850S. Ervin may or may not need much gain (I was unable to determine his unit's sensitivity).

The TS850S has TWO IF chains. One passes thru the roofing filter and onward thru the rest of the receiver as normal. The second chain starts at a tap BEFORE the roofing filter, and mixes down to 8.83 MHz in a second 2nd mixer that Kenwood notes as the "Noise Blanker Mixer", and onward to the noise blanker. That wide bandwidth 8.83 MHz signal is one reason the noise blanker is so effective. Kenwood also provided that signal to the IF OUT jack on the rear panel.

As I mentioned off-list, one problem with a panadapter is the varying signal level, caused by the receiver AGC. It will pump up/down with signal(s) that make it thru the normal signal path to the AGC detector in the receiver. I had considered using a pair of Analog Devices AD603 VCA (Voltage Controlled Amplifier) ICs to invert the response. At around 9 MHz, each IC has about 40dB of gain control, using a DC source. In LTSPICE, I modeled two in cascade, and had 80dB control range. That type of IC may be more useful than a MMIC that has a fixed gain. Analog Devices' produces many variations and their website (www.analog.com) has a convenient parametric selector tool.

vy 73,
Bryan WA7PRC

> Re: Question about IF output
> Posted by: Ervin Hegedüs
> Date: Wed Dec 3, 2014
>
> Hi Peter,
>
> thanks for you answer,
> my SDR isn't the Softrock (yet), now I'm using an RTL USB dongle
> (RTL2838u). That works from 24MHz to up a few GHz...
> That's the reason, cause I have an LNB, which mixes the IF signal upper to

> 20MHz. Then the SDR hears the IF signal as 28830kHz.
>
>
> The 40kHz bandwith isn't problem - even, may be it's good :). In most
> cases, the 40kHz is enough (usually I'm working on CW).
>
>
> Anything else is clear, I'll see, what's the "MAR MMIC", and
> how can I get one of that.
>
> 73,
>
> Ervin
> HA2OS
>
>>
>>
>> Ervin
>>
>> I connected a "softrock" SDR reciever to the IF out of my TS-850
> (now a
>> TS-870), and you do need to amplify the IF out, though I only required one
>> MAR MMIC.
>>
>> It is not clear from your original question if you are fully aware of the
>> output frequencies from the IF output socket.
>>
>> It is the 8.83 MHz IF that is output, so your SDR center frequency needs
>> to be on this frequency (you are monitoring the IF not the antenna
> signals).
>>
>> The 8.83 MHz IF is after the 73.05 first IF, so it will have a limited
>> band width of only a few tens of kHz, tailing off at the edges.
>>
>> So to get the IF frequencies into your SDR you must first tune your SDR to
>> 8.83MHz, then tune the TS-850 into the signals you want to monitor.
>>
>> You will see quite a bit of spectrum either side of the signals, and you
>> can tune your SDR around these signals, but no more than about 40 kHz.
>>
>> regards
>>
>> Peter

12915. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-04 19:34:47 UTC
From: Jordan Arndt
Topic: 12907 Message: 12915

The LP-Pan system for the TS-850S can and will display a flat response over the entire 192Khz display. There are some residual "peaks and valleys" in the response, due to the effects of the 850 filter ckt immediately downstream of the IF tap, but they are still within a few dBs of 'normal' response on the display....

I had intended to experiment with the removal of these "peaks and valleys" by making the downstream filtering switchable via a small RF relay however I have not been able to get the time to attempt such an experiment...

73...Jordan VE6ZT

----- Original Message -----
From: Bryan Swadener bswadener@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 04, 2014 12:18 PM
Subject: Re: [TS-850_450_690] Question about IF output

All,

In looking at the TS850S schematics, the bandwidth available at the IF OUT jack is whatever is allowed by the lumped element (L-C) frontend bandpass filters. My panadapters (Kenwood SM220 and Heathkit SB620) and lab spectrum analyzer (Advantest R4131B) all show signals well over +/- 50 KHz. The only reason for sweeping a narrow span is the small size of the displays. A modern computer monitor screen has no such limitation.

The "Monolythic Microwave Integrated Circuits" (MMICs) I used was the MAR3 because I had them, and their low frequency limit was acceptable. Not all MMICs are capable of operation into the low MHz region. MMICs and other suitable amplifiers are available from various sources. Mini-Circuits is one source.

Because my SB620's input amplifier was necessarily switched to function as a mixer instead, gain was reduced, and I needed many tens of decibels of gain in order to see the low IF output (approximately 20mV) from my TS850S. Ervin may or may not need much gain (I was unable to determine his unit's sensitivity).

The TS850S has TWO IF chains. One passes thru the roofing filter and onward thru the rest of the receiver as normal. The second chain starts at a tap BEFORE the roofing filter, and mixes down to 8.83 MHz in a second 2nd mixer that Kenwood notes as the "Noise Blanker Mixer", and onward to the noise blanker. That wide bandwidth 8.83 MHz signal is one reason the noise blanker is so effective. Kenwood also provided that signal to the IF OUT jack on the rear panel.

As I mentioned off-list, one problem with a panadapter is the varying signal level, caused by the receiver AGC. It will pump up/down with signal(s) that make it thru the normal signal path to the AGC detector in the receiver. I had considered using a pair of Analog Devices AD603 VCA (Voltage Controlled Amplifier) ICs to invert the response. At around 9 MHz, each IC has about 40dB of gain control, using a DC source. In LTSPICE, I modeled two

in cascade, and had 80dB control range. That type of IC may be more useful than a MMIC that has a fixed gain. Analog Devices' produces many variations and their website (www.analog.com) has a convenient parametric selector tool.

vy 73,
Bryan WA7PRC

> Re: Question about IF output
> Posted by: Ervin Hegedüs
> Date: Wed Dec 3, 2014
>
> Hi Peter,
>
> thanks for you answer,
> my SDR isn't the Softrock (yet), now I'm using an RTL USB dongle
> (RTL2838u). That works from 24MHz to up a few GHz...
> That's the reason, cause I have an LNB, which mixes the IF signal upper to
> 20MHz. Then the SDR hears the IF signal as 28830kHz.
>
>
> The 40kHz bandwith isn't problem - even, may be it's good :). In most
> cases, the 40kHz is enough (usually I'm working on CW).
>
>
> Anything else is clear, I'll see, what's the "MAR MMIC", and
> how can I get one of that.
>
> 73,
>
> Ervin
> HA2OS
>
>>
>>
>> Ervin
>>
>> I connected a "softrock" SDR reciever to the IF out of my TS-850
> (now a
>> TS-870), and you do need to amplify the IF out, though I only required one
>> MAR MMIC.
>>
>> It is not clear from your original question if you are fully aware of the
>> output frequencies from the IF output socket.
>>
>> It is the 8.83 MHz IF that is output, so your SDR center frequency needs
>> to be on this frequency (you are monitoring the IF not the antenna
> signals).
>>
>> The 8.83 MHz IF is after the 73.05 first IF, so it will have a limited
>> band width of only a few tens of kHz, tailing off at the edges.
>>
>> So to get the IF frequencies into your SDR you must first tune your SDR to

>> 8.83MHz, then tune the TS-850 into the signals you want to monitor.
>>
>> You will see quite a bit of spectrum either side of the signals, and you
>> can tune your SDR around these signals, but no more than about 40 kHz.
>>
>> regards
>>
>> Peter

12916. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-04 21:50:01 UTC
From: Ervin Hegedüs
Topic: 12907 Message: 12916

Bryan,

many-many thanks for your precise answer again!

A few questions again:
- you wrote, that the signals are over +/- 50kHz - that means, the full bandwith is 100kHz? I think that's more than enough for me :)
- a simple MMIC (MAC3, as you wrote) will enough for me to drive the LNB? Which capacitors and resistors did you used?

73,

Ervin
HA2OS

On Thu, Dec 4, 2014 at 8:18 PM, Bryan Swadener bswadener@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> All,
>
> In looking at the TS850S schematics, the bandwidth available at the IF OUT jack is whatever is allowed by the lumped element (L-C) frontend bandpass filters. My panadapters (Kenwood SM220 and Heathkit SB620) and lab spectrum analyzer (Advantest R4131B) all show signals well over +/- 50 KHz. The only reason for sweeping a narrow span is the small size of the displays. A modern computer monitor screen has no such limitation.
>
> The "Monolythic Microwave Integrated Circuits" (MMICs) I used was the MAR3 because I had them, and their low frequency limit was acceptable. Not all MMICs are capable of operation into the low MHz region. MMICs and other suitable amplifiers are available from various sources. Mini-Circuits is one source.
>
> Because my SB620's input amplifier was necessarily switched to function as a mixer instead, gain was reduced, and I needed many tens of decibels of gain in order to see the low IF output (approximately 20mV) from my TS850S. Ervin may or may not need much gain (I was unable to determine his unit's sensitivity).
>
> The TS850S has TWO IF chains. One passes thru the roofing filter and onward thru the rest of the receiver as normal. The second chain starts at a tap BEFORE the roofing filter, and mixes down to 8.83 MHz in a second 2nd

> mixer that Kenwood notes as the "Noise Blanker Mixer", and onward to the

> noise blanker. That wide bandwidth 8.83 MHz signal is one reason the noise
> blanker is so effective. Kenwood also provided that signal to the IF OUT
> jack on the rear panel.
>
> As I mentioned off-list, one problem with a panadapter is the varying
> signal level, caused by the receiver AGC. It will pump up/down with
> signal(s) that make it thru the normal signal path to the AGC detector in
> the receiver. I had considered using a pair of Analog Devices AD603 VCA
> (Voltage Controlled Amplifier) ICs to invert the response. At around 9 MHz,
> each IC has about 40dB of gain control, using a DC source. In LTSPICE, I
> modeled two in cascade, and had 80dB control range. That type of IC may be
> more useful than a MMIC that has a fixed gain. Analog Devices' produces
> many variations and their website (www.analog.com) has a convenient
> parametric selector tool.
>
> vy 73,
> Bryan WA7PRC

>
> > Re: Question about IF output
> > Posted by: Ervin Hegedüs
> > Date: Wed Dec 3, 2014
> >
> > Hi Peter,
> >
> > thanks for you answer,
> > my SDR isn't the Softrock (yet), now I'm using an RTL USB dongle
> > (RTL2838u). That works from 24MHz to up a few GHz...
> > That's the reason, cause I have an LNB, which mixes the IF signal upper
> to
> > 20MHz. Then the SDR hears the IF signal as 28830kHz.
> >
> >
> > The 40kHz bandwith isn't problem - even, may be it's good :). In most
> > cases, the 40kHz is enough (usually I'm working on CW).
> >
> >
> > Anything else is clear, I'll see, what's the "MAR MMIC", and
> > how can I get one of that.
> >
> > 73,
> >
> > Ervin
> > HA2OS
> >
> >>
> >>
> >> Ervin
> >>
> >> I connected a "softrock" SDR reciever to the IF out of my TS-850
> > (now a

> >> TS-870), and you do need to amplify the IF out, though I only required
> one
> >> MAR MMIC.
> >>
> >> It is not clear from your original question if you are fully aware of
> the
> >> output frequencies from the IF output socket.
> >>
> >> It is the 8.83 MHz IF that is output, so your SDR center frequency needs
> >> to be on this frequency (you are monitoring the IF not the antenna
> > signals).
> >>
> >> The 8.83 MHz IF is after the 73.05 first IF, so it will have a limited
> >> band width of only a few tens of kHz, tailing off at the edges.
> >>
> >> So to get the IF frequencies into your SDR you must first tune your SDR
> to
> >> 8.83MHz, then tune the TS-850 into the signals you want to monitor.
> >>
> >> You will see quite a bit of spectrum either side of the signals, and you
> >> can tune your SDR around these signals, but no more than about 40 kHz.
> >>
> >> regards
> >>
> >> Peter
>
>

12917. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-05 02:48:10 UTC
From: myyahoo@...
Topic: 12907 Message: 12917

My other thought - what is the impedance of the IF output of the rig?

A 50 ohm input may not be a good load if the IF output impedance is higher. Looking at the specs for the SM-230, The scope has a 1 megohm input impedance, but the input impedance of the IF input is not specified. I'd suggest testing the output before acquiring an MMIC. A good test is to put an oscilloscope on the output, then see if putting a 50 ohm load and watching the level. The output should drop by approximately half if the output impedance if 50 ohms.

If a 50 ohm load causes much more drop then you need a higher input impedance preamp than an MMIC provides, otherwise you could impact the rig.

Another indicator - if the rig goes quiet when connecting a 50 ohm load to the IF output - don't do it...

- Richard, VE7CVS

12918. Re: [TS-850_450_690] TS-450 Autotuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-05 07:39:03 UTC
From: joel guiheneuf
Topic: 12904 Message: 12918

i JIM
have you found the mistake?
best regards
73qro
f8ezz joel

il serait interressant qu'à chaque question posée l'information de la solution mise en application et de son résultat soit communiquée en retour à tous les membres de la liste .
thanks

----- Original Message -----
From: jim.w0em@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 30, 2014 7:16 PM
Subject: [TS-850_450_690] TS-450 Autotuner

Hi,

The local radio club (Pikes Peak Radio Amateur Association) has a TS-450 with autotuner that will not auto tune. It can be tuned manually. It will not tune on any band. I'm aware that it was designed not to tune on 160 meters. Anyone have any ideas or clues as to where to start troubleshooting?

Thanks and 73,

Jim H., W0EM

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.

http://www.avast.com

12919. Re: [TS-850_450_690] Re: Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-06 01:02:25 UTC
From: Bryan Swadener
Topic: 12907 Message: 12919

In no particular order...
There are TWO 8.83 MHz signal paths. The first is the normal path (through the roofing filter) for the signal that exits the AF output. The bandwidth is narrow. We don't do anything with that. The other path (NOT through the roofing filter) passes through a "second 2nd mixer". Kenwood calls this the "Noise Blanker Mixer", and the bandwidth is limited by only the L-C bandpass filter on the frontend (hundreds of KHz wide).
According to the schematic of the RF Unit, Q15 (a dual gate MOSFET) is the "second 2nd mixer". The output from Q15 passes through transformer L64, C150, and L65 to CN7 jack. R117 (56 Ohms) provides terminates it. The wire harness connects CN7 to the IF OUT jack on the rear panel. That sure looks like (about) 50 ohms to me!
Going back to using my Heath SB-620 w/ Heath SB-102 and later SM-220, SB-620 and Advantest R4131B w/ Kenwood TS120S, TS130S and now TS-850S, it has always bothered me that the displayed level of signals outside the passband would go down/up as signals inside the passband went up/down. This is effect is caused by receiver AGC (or MGC) action.

The Analog Devices pn AD603 is a Variable Gain Amplifier (VGA), with gain adjustable using a DC control voltage. It has a 42dB adjustment range (+9 dB to +51 dB at 9 MHz). Using LTSpice, I simulated two cascaded AD603s for ~ 80dB adjustment range. The concept is to invert the rig's AGC voltage, and apply it to the VGA to stabilize the level when strong signals in the receiver passband decrease the receiver gain (and pip amplitude outside the passband). This is what an expander does. MMICs are not adjustable and have much greater un-needed bandwidth.

N8LP's LP-Pan would be a lot more attractive if it had a wider bandwidth and didn't take so much PC resources. Elecraft's standalone P3 at least uses its own hardware and can use an external display. I understand they're working on wider bandwidth.
Bryan WA7PRC

Subject: Re: Question about IF output
From: Ervin HA2OS
Date: Thu Dec 4, 2014

Hi Dave,

thanks for the infos,

I've found MMIC closest to me, as I see, the MAR1 is enough for me.

I'll check this out,

73,
Ervin
HA2OS
****

>> Ervin
>>

>> I connected a "softrock" SDR reciever to the IF out of my TS-850
> (now a
>> TS-870), and you do need to amplify the IF out, though I only required one
>> MAR MMIC.
>>
>> It is not clear from your original question if you are fully aware of the
>> output frequencies from the IF output socket.
>>
>> It is the 8.83 MHz IF that is output, so your SDR center frequency needs
>> to be on this frequency (you are monitoring the IF not the antenna
> signals).
>>
>> The 8.83 MHz IF is after the 73.05 first IF, so it will have a limited
>> band width of only a few tens of kHz, tailing off at the edges.
>>
>> So to get the IF frequencies into your SDR you must first tune your SDR to
>> 8.83MHz, then tune the TS-850 into the signals you want to monitor.
>>
>> You will see quite a bit of spectrum either side of the signals, and you
>> can tune your SDR around these signals, but no more than about 40 kHz.
>>
>> regards
>>
>> Peter
****

Subject: Re: Question about IF output
From: Jordan VE6ZT
Date: Thu Dec 4, 2014

The LP-Pan system for the TS-850S can and will display a flat response over the entire 192Khz display. There are some residual "peaks and valleys" in the response, due to the effects of the 850 filter ckt immediately downstream of the IF tap, but they are still within a few dBs of 'normal' response on the display....

I had intended to experiment with the removal of these "peaks and valleys" by making the downstream filtering switchable via a small RF relay however I have not been able to get the time to attempt such an experiment...

73...Jordan VE6ZT

****

Subject: Re: Question about IF output
From: Richard VE7CVS
Date: Thu Dec 4, 2014

My other thought - what is the impedance of the IF output of the rig?

A 50 ohm input may not be a good load if the IF output impedance is higher. Looking at the specs for the SM-230, The scope has a 1 megohm input impedance, but the input impedance of the IF input is not specified. I'd suggest testing the output before acquiring an MMIC. A

good test is to put an oscilloscope on the output, then see if putting a 50 ohm load and watching the level. The output should drop by approximately half if the output impedance if 50 ohms.

If a 50 ohm load causes much more drop then you need a higher input impedance preamp than an MMIC provides, otherwise you could impact the rig.

Another indicator - if the rig goes quiet when connecting a 50 ohm load to the IF output - don't do it...

- Richard, VE7CVS

12920. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-06 14:04:08 UTC
From: Ervin Hegedüs
Topic: 12907 Message: 12920

HI Richard,

On Fri, Dec 5, 2014 at 3:48 AM, myyahoo@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> My other thought - what is the impedance of the IF output of the rig?
>
I don't know - that would be good to know it,

> A 50 ohm input may not be a good load if the IF output impedance is
> higher. Looking at the specs for the SM-230, The scope has a 1 megohm input
> impedance, but the input impedance of the IF input is not specified. I'd
> suggest testing the output before acquiring an MMIC. A good test is to put
> an oscilloscope on the output, then see if putting a 50 ohm load and
> watching the level. The output should drop by approximately half if the
> output impedance if 50 ohms.
>
> If a 50 ohm load causes much more drop then you need a higher input
> impedance preamp than an MMIC provides, otherwise you could impact the rig.
>
I don't have any instrument to check that,

> Another indicator - if the rig goes quiet when connecting a 50 ohm load to
> the IF output - don't do it...
>
when I conncted the LNB to IF output, the rig didn't do anything, eg no
didn't gone quiet... is it enough info?

Thanks, and 73,

Evin, HA2OS

- Richard, VE7CVS
>
>

12921. S-meter adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-06 16:29:01 UTC
From: Tom Osborne
Topic: 12921 Message: 12921

HI All

I asked the a couple weeks ago and never saw an answer.

Is there a way to adjust the S-meter sensitivity on the TS-450? Thanks
and 73
Tom W7WHY

12922. Re: S-meter adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-06 20:59:12 UTC
From: j_thefox@...
Topic: 12921 Message: 12922

Hi,

S-meter adj. is fairly straightforward as described page 121 and 122 of the TS-450 Kenwood service manual (available for download if you do not have it yet).

73,

Jean-Luc - F4GEQ

12923. Re: [TS-850_450_690] Re: S-meter adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-06 23:27:22 UTC
From: Tom Osborne
Topic: 12921 Message: 12923

I looked at that and it said to hold down AIP, XIT and Scan and power on. Set to menu number 8.

I did that but on menu 8 it is blank. Where is the adjustment? Thanks and 73
Tom W7WHY

On 12/6/2014 12:59 PM, j_thefox@... [TS-850_450_690] wrote:
>
> Hi,
>
> S-meter adj. is fairly straightforward as described page 121 and 122
> of the TS-450 Kenwood service manual (available for download if you do
> not have it yet).
>
> 73,
>
> Jean-Luc - F4GEQ
>
>

12924. Re: [TS-850_450_690] Re: S-meter adjustment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-07 04:26:48 UTC
From: j_thefox@...
Topic: 12921 Message: 12924

Hi Tom,

Sorry to ask: did you hook up yr voltmeter to the SM test point of IF board and check the 0.6 Volt +/-0.01, and if not adjust it with VR5 as described in table of page 122?

73,
Jean-Luc - F4GEQ

12925. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-07 09:00:31 UTC
From: Bryan Swadener
Topic: 12907 Message: 12925

As I've described three times now, the impedance presented by the source to the IF OUT jack is approximately 50 ohms. All it takes is a look at the schematic of the RF Unit printed circuit board...
The output of the second 2nd Mixer (what Kenwood calls the Noise Blanker Mixer) passes through L64 (a step-down transformer), C150, and L65 (another step-down transformer). It then is connected to CN7 on the RF Unit, which has R117 (56 Ohms) connected across it. CN7 is connected to the IF OUT jack on the rear panel.
That would be the place to connect a AD603 or similar VCA (Voltage Controlled Amplifier), with inverted input from the rig's AGC to keep the average level constant. The input resistance is 100 ohms, shunted by 2 pF.
Even a MMIC would work, even though it has less gain and no way to control the gain. If you use fixed gain, you WILL see signals across the band appear to go up/down inverse to the level of signals that make it thru the IF chain and act on the AGC detector.
vy 73,Bryan WA7PRC

Subject: Re: Question about IF output
From: Ervin Hegedüs
Date: Sat Dec 6, 2014

I don't know - that would be good to know it,

> A 50 ohm input may not be a good load if the IF output impedance is
> higher. Looking at the specs for the SM-230, The scope has a 1 megohm input
> impedance, but the input impedance of the IF input is not specified. I'd
> suggest testing the output before acquiring an MMIC. A good test is to put
> an oscilloscope on the output, then see if putting a 50 ohm load and
> watching the level. The output should drop by approximately half if the
> output impedance if 50 ohms.
>
> If a 50 ohm load causes much more drop then you need a higher input
> impedance preamp than an MMIC provides, otherwise you could impact the rig.
>

I don't have any instrument to check that,

> Another indicator - if the rig goes quiet when connecting a 50 ohm load to
> the IF output - don't do it...
>
when I conncted the LNB to IF output, the rig didn't do anything, eg no
didn't gone quiet... is it enough info?

Thanks, and 73,

Evin, HA2OS

12926. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-07 09:48:31 UTC
From: Ervin Hegedüs
Topic: 12907 Message: 12926

Hi Bryan,

yes, then I read it - but I've answered the last e-mail to Richard, and I
didn't realized your e-mail - sorry for that.

Well, I think now little bit cleaner, what need to do - I'll look at the
AD603 amplifier. There are several diagram on the internet - do you have a
prefered?

Many thanks again for your help,

73:
Ervin
HA2OS

On Sun, Dec 7, 2014 at 10:00 AM, Bryan Swadener bswadener@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> As I've described three times now, the impedance presented by the source
> to the IF OUT jack is approximately 50 ohms. All it takes is a look at the
> schematic of the RF Unit printed circuit board...
>
> The output of the second 2nd Mixer (what Kenwood calls the Noise Blanker
> Mixer) passes through L64 (a step-down transformer), C150, and L65 (another
> step-down transformer). It then is connected to CN7 on the RF Unit, which
> has R117 (56 Ohms) connected across it. CN7 is connected to the IF OUT jack
> on the rear panel.
>
> That would be the place to connect a AD603 or similar VCA (Voltage
> Controlled Amplifier), with inverted input from the rig's AGC to keep the
> average level constant. The input resistance is 100 ohms, shunted by 2 pF.
>
> Even a MMIC would work, even though it has less gain and no way to control
> the gain. If you use fixed gain, you WILL see signals across the band
> appear to go up/down inverse to the level of signals that make it thru the
> IF chain and act on the AGC detector.
>
> vy 73,
> Bryan WA7PRC
>
> Subject: Re: Question about IF output
> From: Ervin Hegedüs
> Date: Sat Dec 6, 2014
>

> I don't know - that would be good to know it,
>
> > A 50 ohm input may not be a good load if the IF output impedance is
> > higher. Looking at the specs for the SM-230, The scope has a 1 megohm
> input
> > impedance, but the input impedance of the IF input is not specified. I'd
> > suggest testing the output before acquiring an MMIC. A good test is to
> put
> > an oscilloscope on the output, then see if putting a 50 ohm load and
> > watching the level. The output should drop by approximately half if the
> > output impedance if 50 ohms.
> >
> > If a 50 ohm load causes much more drop then you need a higher input
> > impedance preamp than an MMIC provides, otherwise you could impact the
> rig.
> >
>
> I don't have any instrument to check that,
>
> > Another indicator - if the rig goes quiet when connecting a 50 ohm load
> to
> > the IF output - don't do it...
> >
> when I conncted the LNB to IF output, the rig didn't do anything, eg no
> didn't gone quiet... is it enough info?
>
> Thanks, and 73,
>
> Evin, HA2OS
>
>
>

12927. Re: [TS-850_450_690] Question about IF output

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-07 17:54:31 UTC
From: myyahoo@...
Topic: 12907 Message: 12927

Since you're looking at using the RTL and a PC to do the display, you could also sample the AGC voltage via digital-to-analog converter and do the reverse-AGC in software, and use fixed amplification between the IF output and the RTL unit.

In either case you're going to need some test gear to align the setup. It depends on whether you are more comfortable/experienced with analog electronics or computer programming.

- Richard, VE7CVS

12928. Re: rx delay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-10 11:39:32 UTC
From: lw3ewz@...
Topic: 12891 Message: 12928

The problem now is when the rig is warm up.
No delay in rx when the rig is on recently , and receiver is ok but when the rig warm up begin the delay appears at more hot more delay and decreased the receiver signal , when i put the rig in tx the receiver is normal again and after few minutes come again lost sensitivity.
Any ideas
Thanks in advance
Gus
lw3ewz

12929. Re: [TS-850_450_690] Re: rx delay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-10 15:50:31 UTC
From: cx8br@adinet.com.uy
Topic: 12891 Message: 12929

Gus, como andas?
Vichaste los 4066 que conmutan en el AGC y aledaños?, me paso algo asi con otro equipo, andaba bien un rato y luego empezaba a bajar sensibilidad incrementandose la lectura del AGC en el smeter, como si fuera disminuyendo el RFgain.
Resulto ser un 4066 lo cambie y fue santo remedio.

Saludos
Alex
CX8BR

>----Original Message----
>De: TS-850_450_690@yahoogroups.com
>Fecha: 10/12/2014 11:39
>Para: <TS-850_450_690@yahoogroups.com>
>Asunto: [TS-850_450_690] Re: rx delay
>
>The problem now is when the rig is warm up.
> No delay in rx when the rig is on recently , and receiver is ok but when the rig warm up begin the delay appears at more hot more delay and decreased the receiver signal , when i put the rig in tx the receiver is normal again and after few minutes come again lost sensitivity.
> Any ideas
> Thanks in advance
> Gus
>lw3ewz
>
>
>

12930. Re: [TS-850_450_690] Re: rx delay

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-10 16:44:01 UTC
From: lw3ewz@...
Topic: 12891 Message: 12930

Hola Alex

Voy a revisar.. el kilombo empezó con un mic en corto en la alimentación (8v) después empezó a prenderse la luz de tx mientas recibia,, me fije en la Car Unit.. y los capacitores estaban jodidos.. los cambie y el problema se fue , ahora cuando lo prendes anda barbaro des pues de un par de horas que empieza a calentar te empieza a retrasar la recepción y si lo dejas que caliente mas , te baja la recepción , le das al ptt y te vuelve a andar bien por un rato y después empieza a bajar de nuevo es como si los 8v que tiene que tener en recepción van cayendo..

Espero haberme explicado mas o menos..

El equipo estéticamente esta inmaculado pasa que no lo usaban hace tiempo.

73

gus
lw3ewz

12931. Slope Tune Hi-Cut Causing Freq Shift!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-10 21:26:33 UTC
From: steven.gehring@...
Topic: 12931 Message: 12931

All,

After all these years, my TS-850's slope tune "high-cut" is shifting the transceive frequency right along with the high-cut. This is NOT good.

I haven't looked at the circuit, though has anyone run into this before? Does anyone have an idea what happened?

I was going to use the 850 for the 10M contest this weekend...

NL7W

12932. Re: [TS-850_450_690] TS-450 Autotuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-10 20:40:42 UTC
From: jim.w0em@...
Topic: 12904 Message: 12932

Hi,

I've not found why it does not tune in auto mode. As I said it tunes very well when tuning manually. I've followed the procedures exactly in the manual to autotune and it doesn't work. I'm guessing the detector diodes may need replacing. The reason for asking the question was hoping someone had encountered this before and could give me some hints as to how to repair it.

Does anyone have a schematic on the autotuner?

Any constructive comments would be appreciated.

73,

Jim H., W0EM

12933. Re: [TS-850_450_690] TS-450 Autotuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-11 06:56:10 UTC
From: N6EV - Paul Carreiro
Topic: 12904 Message: 12933

Jim,
To your knowledge, has the autotuner ever worked in this rig? If not, or your don't know, check that the jumper on the filter board has been properly cut during the process of installing the tuner. Ask me how I know! :)
Ok, I'll tell you anyway. :) I installed my autotuner shortly after purchasing my TS690 new. It never worked for me and I just got by with an external tuner. It wasn't until years later while I had the rig open tracking down another problem that I noticed the jumper had not been cut. As soon as I cut it, the tuner tuned properly. The jumper bypasses the tuner RF path, essentially shorting the input to the output of the tuner. You can see why the tuner would not have any affect in this case.

Anyway.. it's an outside shot.. but thought I would offer it up as a lesson learned.

Good luck
Paul N6EV

At 12:40 PM 12/10/2014, you wrote:
>Hi,
>
>I've not found why it does not tune in auto mode. As I said it
>tunes very well when tuning manually. I've followed the procedures
>exactly in the manual to autotune and it doesn't work. I'm guessing
>the detector diodes may need replacing. The reason for asking the
>question was hoping someone had encountered this before and could
>give me some hints as to how to repair it.
>
>Does anyone have a schematic on the autotuner?
>
>Any constructive comments would be appreciated.
>
>73,
>Jim H., W0EM

12934. TS-850 - best Inrad SSB filter configuration

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-12 05:16:45 UTC
From: darren.ream@...
Topic: 12934 Message: 12934

I am thinking of treating myself and my 850 to a new set of filters. I was thinking a pair of Inrads would be good for the casual operating I do, so I've settled on the 2800 Hz filter and the 2100 Hz filter. These will perform as the ragchew and DX filters. I will be transmitting through the filters as well. I have that feature enabled in the menu which gives me the flexibility to transmit through whichever filter combination I want.

The question is which way is the better configuration: the 2.1 in the 455 IF and the 2.8 in the 8.83 IF? Or the other way around?

One consideration is that I want to make sure I put the 2.8 filter in the side that removes the unwanted sideband. That way I can always have the 2.8 filter active and then cascade them for 2.1 DX ops. If either of the filters can remove the unwanted sideband, then I'll probably just go ahead and put the 2.1 in the 455. The 2.1 has a better shape factor in the 455 IF, maybe that's reason enough

Anybody have any experience with this?

Thanks,
Darren, AF7JD

12935. TS-450 Desensitivity Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-22 01:58:54 UTC
From: Chris
Topic: 12935 Message: 12935

Thanks in advance for your help.
Bought a TS-450 new in 1992 and ran it for 4 years ... no issues. It then spent 18 years in its box. Dropped it back in line last week. Signal reports are fantastic (all on 15 meters) ... it's hooked to an AL-811H. The issue is on receive. When unkeying the mic, receive audio is fine (volume) for a few seconds and then desenses like the attenuator is activated. I can still hear the audio but have to turn up the volume. A couple of clicks of the mic PTT may or may not cure the problem. Some QSOs are fine ... others are attenuated ... some require many PTT pushes. There's no real pattern.
Suggestions?
Chris KochenourWD1W

12936. Re: [TS-850_450_690] TS-450 Desensitivity Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-22 06:45:23 UTC
From: John Kramer
Topic: 12935 Message: 12936

Hi

Are you sure it is a de-sense problem, or volume problem ? A very common problem in the TS-450 is a capacitor
that is almost guaranteed to start leaking after 10 years. Symptoms are the volume becomes weaker and weaker
over time. The liquid that leaks out, destroys the board if left too long.
Wether this is the problem or not, you must get those capacitors replaced, as they will likely have already started
leaking, and is a time bomb waiting to go off.

73

On 22 Dec 2014, at 3:58 AM, Chris ckochenour@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Thanks in advance for your help.

Bought a TS-450 new in 1992 and ran it for 4 years ... no issues. It then spent 18 years in its box. Dropped it back in line last week. Signal reports are fantastic (all on 15 meters) ... it's hooked to an AL-811H. The issue is on receive. When unkeying the mic, receive audio is fine (volume) for a few seconds and then desenses like the attenuator is activated. I can still hear the audio but have to turn up the volume. A couple of clicks of the mic PTT may or may not cure the problem. Some QSOs are fine ... others are attenuated ... some require many PTT pushes. There's no real pattern.

Suggestions?

Chris Kochenour
WD1W

12937. Re: [TS-850_450_690] TS-450 Desensitivity Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-22 16:14:43 UTC
From: Bob Naylor
Topic: 12935 Message: 12937

I've seen this problem a few times. Each time it was an antenna connection. Tapping the PTT brought the RX back up to normal. Sometimes the RX would slowly go down until the PTT was pressed again. Try a different antenna etc.This doesn't mean to ignore the CAP issue that John mentions below.Bob WE6C
From: "John Kramer jkramer@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, December 21, 2014 10:45 PM
Subject: Re: [TS-850_450_690] TS-450 Desensitivity Issue

  Hi
Are you sure it is a de-sense problem, or volume problem ? A very common problem in the TS-450 is a capacitorthat is almost guaranteed to start leaking after 10 years. Symptoms are the volume becomes weaker and weaker over time. The liquid that leaks out, destroys the board if left too long. Wether this is the problem or not, you must get those capacitors replaced, as they will likely have already startedleaking, and is a time bomb waiting to go off.
73
On 22 Dec 2014, at 3:58 AM, Chris ckochenour@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Thanks in advance for your help.
Bought a TS-450 new in 1992 and ran it for 4 years ... no issues. It then spent 18 years in its box. Dropped it back in line last week. Signal reports are fantastic (all on 15 meters) ... it's hooked to an AL-811H. The issue is on receive. When unkeying the mic, receive audio is fine (volume) for a few seconds and then desenses like the attenuator is activated. I can still hear the audio but have to turn up the volume. A couple of clicks of the mic PTT may or may not cure the problem. Some QSOs are fine ... others are attenuated ... some require many PTT pushes. There's no real pattern.
Suggestions?
Chris KochenourWD1W

12938. Re: [TS-850_450_690] TS-450 Desensitivity Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-22 16:50:34 UTC
From: Tom Osborne
Topic: 12935 Message: 12938

Hi John

Take the top off and when this happens, wiggle the wire that goes from the coax jack to the board. Sometimes this comes loose and will give you the symptoms you describe. You need to re-solder the wire to the board. It happened to both my TS-450's.

It also might be the relay. 73
Tom W7WHY

On 12/21/2014 10:45 PM, John Kramer jkramer@... [TS-850_450_690] wrote:
>
> Hi
>
>
> Are you sure it is a de-sense problem, or volume problem ? A very
> common problem in the TS-450 is a capacitor
> that is almost guaranteed to start leaking after 10 years. Symptoms
> are the volume becomes weaker and weaker
> over time. The liquid that leaks out, destroys the board if left too
> long.
> Wether this is the problem or not, you must get those capacitors
> replaced, as they will likely have already started
> leaking, and is a time bomb waiting to go off.
>
> 73

12939. Re: [TS-850_450_690] TS-450 Desensitivity Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-22 13:46:57 UTC
From: Tom Waraksa
Topic: 12935 Message: 12939

There is a large electrolytic cap in series with the speaker that started leaking on my rig that gave the same symptoms. Not at home so I dont have the cap designator or value. Need to replace the cap and clean the board. Check the pcb vias to insurw they are ok.

Tom AF8P

Sent from Yahoo Mail on Android

12940. ts450s no xmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-23 00:50:30 UTC
From: rfago@...
Topic: 12940 Message: 12940

ts450s no xmit nno red light nothing at all..seems as though the key up cicuit is not working...

12941. Re: [TS-850_450_690] ts450s no xmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-23 02:23:42 UTC
From: Steven KA9MOT
Topic: 12940 Message: 12941

I'd start by making sure the mic was good. Does this radio have a TX Lock?

Steve KA9MOT

On Mon, Dec 22, 2014 at 6:50 PM, rfago@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> ts450s no xmit nno red light nothing at all..seems as though the key up
> cicuit is not working...
>
>
>

12942. Re: [TS-850_450_690] TS-450 Desensitivity Issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-23 22:29:10 UTC
From: Bob Naylor
Topic: 12935 Message: 12942

It looks like I'm not the only one that's seen this problem related to the antenna. I hope this is all it is.Bob WE6C
From: "Tom Osborne w7why@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 22, 2014 8:50 AM
Subject: Re: [TS-850_450_690] TS-450 Desensitivity Issue

  Hi John

Take the top off and when this happens, wiggle the wire that goes from
the coax jack to the board. Sometimes this comes loose and will give
you the symptoms you describe. You need to re-solder the wire to the
board. It happened to both my TS-450's.

It also might be the relay. 73
Tom W7WHY

On 12/21/2014 10:45 PM, John Kramer jkramer@... [TS-850_450_690]
wrote:
>
> Hi
>
>
> Are you sure it is a de-sense problem, or volume problem ? A very
> common problem in the TS-450 is a capacitor
> that is almost guaranteed to start leaking after 10 years. Symptoms
> are the volume becomes weaker and weaker
> over time. The liquid that leaks out, destroys the board if left too
> long.
> Wether this is the problem or not, you must get those capacitors
> replaced, as they will likely have already started
> leaking, and is a time bomb waiting to go off.
>
> 73

12943. Re: [TS-850_450_690] ts450s no xmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-23 19:19:46 UTC
From: NIGEL FENTON
Topic: 12940 Message: 12943

Stupid question but are you in band?

G0JKN

From: "Steven KA9MOT ka9mot@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, 22 December 2014, 21:23
Subject: Re: [TS-850_450_690] ts450s no xmit

I'd start by making sure the mic was good. Does this radio have a TX Lock?

Steve KA9MOT
On Mon, Dec 22, 2014 at 6:50 PM, rfago@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>ts450s no xmit nno red light nothing at all..seems as though the key up cicuit is not working...

12944. Re: [TS-850_450_690] ts450s no xmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-24 20:49:24 UTC
From: a1aop@...
Topic: 12940 Message: 12944

As per page 52 of the manual make sure menu item 19 says OFF. To access the menu, press LSB/USB on power up, select UP/DOWN arrows to adjust then press CLEAR to exit menu and check. Jerry N3HAM

12945. Re: [TS-850_450_690] ts450s no xmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-24 18:09:26 UTC
From: rfago@...
Topic: 12940 Message: 12945

wrong problem...I put 26.6 volts on remote connector and now it wont xmit it was put on pin3 and ground I wired it wrong did I take the relay out or what???

12946. That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-25 13:54:24 UTC
From: Chris
Topic: 12946 Message: 12946

Happy Holidays!
Thanks for the help on the desensitivity issue. A number of people have mentioned a common issue with a leaky electrolytic capacitor. Is that something I can check myself? Where is it located? How do I get to it to give it a visual inspection? Once located and inspected, should the electrolytic capacitor need replacing ... is this something "the average ham" can handle or does the radio need to be shipped to a repair center. If this is something the average ham can tackle, what is the part number, specs, capacity, size, etc. of this capacitor? Are there other (easier) alternatives / substitutes? Sounds like an order to Mouser or Digi-Key.
Thanks, in advance, for your help.
Chris KochenourWD1W

12947. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-25 20:09:27 UTC
From: John tf
Topic: 12946 Message: 12947

Chris ,
I did a lot of research on which HF rig I wanted and then its faults &
fixes before I bought one [and then later a 2nd] .
The TS-850 was what I ended up with .
Some of the links that I found for this & other issues ,
http://usuaris.tinet.cat/vxjf/TS850.htm
http://jvgavila.com/wb7.htm
http://w0cp.com/tech%20tips.htm#TS-850
http://www.cqham.ru/ts850repair.htm
http://www.radiomods.co.nz/kenwood/kenwoodts850.html
http://www.ka0ka.com/rx_mods.html
http://oz1bxm.dk/TS850/ts850-repair.html
http://www.g4ifb.com/html/ts850_mod.html#ALC
Check all part numbers , spec.s agains service manual , because some I have
found have not all been correct numbers .
Many of these links refer to each other .
Wether you can manage the repairs , its not possible for me to say , I have
been doing all my own repairs .

John
KD0CAC

12948. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-25 19:21:06 UTC
From: archieaa@...
Topic: 12946 Message: 12948

The cap that leaked in mine was the DC blocking cap for the output of the Audio amp. when looking at the main board you could see the leaked stuff from it on the board and that caused all sorts of odd things to happen. I removed the cap, cleaned to board, installed a new one and have had no problems after that. If memory serves it was the largest cap on the board and was a different color than the others. I hope that helps.

Archie N8OBM

12949. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-26 13:49:29 UTC
From: wa5tku@...
Topic: 12946 Message: 12949

Chris, am writing this from memory but I know for sure the cap is C104. It is a radial lead electrolytic cap on the top side of the board. If and when you replace I would suggest you use a cap with a higher working voltage than the original. I don't remember the original's working voltage. You have to disconnect several cable and remove several screws to get at the bottom of the board to unsolder C104. The next step is to slide the board toward the front of the radio so the connectors that protrude through the back will clear as you lift up on the board. I think you only have to disconnect the ribbon cables to the board but when you have the radio open you can see what has to be disconnected. In my radio the corrosive crud that spewed out of the bad cap eat its way through the trace of the AGC line. I would recommend you replace the cap as soon as you notice the audio level dropping off or just a preventive measure. This would prevent the repair I had to do with the AGC etch. C104 is in series with the speaker so as it goes bad the max audio level will go down to the point of no audio. I think the working voltage for the cap is low for the max voltage the cap can see.

73,

Wes
WA5TKU

12950. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 01:38:41 UTC
From: myyahoo@...
Topic: 12946 Message: 12950

The capacitor should be at least 25 volts, it is a 12-13 volt swing feeding an inductive load (the speaker) and the original is rated at either 10 or 15 volts (don't have the schematic in front of me).

It's no wonder that this cap pours its innards out, it is extremely underrated in this circuit.

- Richard, VE7CVS

12951. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 15:54:31 UTC
From: T. Scott Griffin
Topic: 12951 Message: 12951

What is the capacitance of this capacitor (c-104)? I will replace it with a 25 volt version.

Thank you, Scott, N6CIC

Sent from Windows Mail

12952. Temperature

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 17:39:18 UTC
From: Bob Naylor
Topic: 12940 Message: 12952

Hi all, I have a temporary shack in my basement. I expect temperatures in the basement this winter to be in the 30's(F) during the night and early mornings this winter.Do you guys think I should bring my 850 inside on these cold nights?73 and happy new year! Bob WE6C

12953. Re: Temperature

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 17:58:42 UTC
From: kenwoodts850@...
Topic: 12940 Message: 12953

I do not know abut the cold but one thing that would worry me is condensation. If you have a warm day the radio could end up with condensation on and in it if the dew point rises above the temperature of the radio. That could be possible if objects in the cellar do not warm up as quickly as the outside air. I have seen that happen in my garage so I do not leave tools out there in the winter.

12954. Re: Temperature

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 17:57:24 UTC
From: David Rust
Topic: 12940 Message: 12954

Bob, I leave mine turned on 24/7. I have had an 850s, but now have a 450s, never turn it off. Keeps right on going.

12955. Re: Temperature

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 18:27:31 UTC
From: myyahoo@...
Topic: 12940 Message: 12955

I'd be concerned about condensation happening with the temperature changes, not just in the rig but in any gear allowed to go through big temperature swings. One trick is to leave a couple (old-fashioned incandescent) light bulbs turned on near the equipment to keep it a little warmer than the surroundings, it helps keep the rig dry.

Taking it in when not using it, though, would be the best protection. You might want to use the light bulbs for a single overnight, but bring it in when you're not going to use it for several days.

12956. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 18:33:03 UTC
From: myyahoo@...
Topic: 12951 Message: 12956

The original cap is 470 uF at 10 volts. It never had a chance! :-)

- Richard, VE7CVS

12957. Re: [TS-850_450_690] Re: Temperature

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-27 23:44:24 UTC
From: Bob Naylor
Topic: 12940 Message: 12957

Thank you guys for calling that to my attention. So far I've been covering all the equipment with a towel when not in use. So far moisture hasn't been an issue however the WX is now just beginning to change so I'll be more aware of that. Until last week my coldest temps were high 30'sF but the last couple nights/mornings have been down to freezing with forecasts in the mid 20's this coming week.
Hopefully the shack will move into the spare bedroom this spring. This is a new QTH for me and moving isn't as easy as it was when I was 30!
73 and happy new year to all! Bob WE6C
From: "myyahoo@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 27, 2014 10:27 AM
Subject: [TS-850_450_690] Re: Temperature

I'd be concerned about condensation happening with the temperature changes, not just in the rig but in any gear allowed to go through big temperature swings. One trick is to leave a couple (old-fashioned incandescent) light bulbs turned on near the equipment to keep it a little warmer than the surroundings, it helps keep the rig dry.

Taking it in when not using it, though, would be the best protection. You might want to use the light bulbs for a single overnight, but bring it in when you're not going to use it for several days.

12958. Re: That Pesky (Leaky) Electrolytic Capacitor in a TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-29 15:35:19 UTC
From: T. Scott Griffin
Topic: 12951 Message: 12958

Thank you Richard and others for your c104 postings. I have placed an order on eBay for a 470uf 25 volt radial capacitor and will install it on arrival. I don’t know that my original capacitor (c104) has given me trouble, but will do the replacement to prevent future problems.

73s, Scott, N6CIC

Sent from Windows Mail

12959. DSP-100 not activating

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-30 18:16:17 UTC
From: Jose V. Gavila
Topic: 12959 Message: 12959

Hi all,

I am working on a TS-850/DSP-100 set. What happens is that the TS-850 seems to miss the DSP-100 detection, as it does not switch on the IC12 switch on the IF UNIT (which routes the IF signals to the DSP-100 if present)

I wonder how the TS-850 detects that there is a DSP-100 connected, as that seems to be the problem. Any hint?

Thanks and Happy 2015!

JOSE

PS: the TS-850S is not at fault, as neither are the cables. Both have been checked with a working DSP-100

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12960. DSP-100 fixed :-)!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-30 19:59:18 UTC
From: Jose V. Gavila
Topic: 12960 Message: 12960

Hi all,

I answer myself ;-)... The first thing that the DSP-100 does when powered up is to send a CAT-like command to the TS-850 by means of the CONT IN connector PIN 2. You can see with an oscilloscope the data frame at L21 on the DSP-100. Each time you change RX or TX ON or OFF, a signal is sent. The TS-850 answers back by means of a DSP-3 connector line. I don't know exactly which signal uses but, if you disconnect that connector and power-up the DSP-100, you get a continuous query from the DSP-100, until you connect it.

Well, what happened on my faulty unit is that there was no data transmission at any moment from the DSP-100. As the CPU which manages that transmission is IC37, I have checked the obvious things: RESET signal, which was OK, and CLOCK... which was not :-)!. So I have taken out the XTAL (X2), have given it some light shocks on the workbench (as a way to dislodge any internal dust) and, once I have put it back on the unit, it worked!!!

So it seems X2 is (was?) faulty. Now the DSP works flawlessly. I will try to get a new XTAL (which, BTW, is a 9.216MHz one)

Well, now I know some more about how the DSP-100 works!

I hope this info helps other people to get their units going.

Best regards and Happy 2015!

JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

12961. Re: [TS-850_450_690] DSP-100 fixed :-)!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2014-12-30 20:22:09 UTC
From: ik8vze
Topic: 12960 Message: 12961

jose is very good we're all reading and learning, the dsp 100 working now? ok well we hope that will always work, jose when you have time because you are an expert of the TS 790 I have a problem on the sub-receiver receives a signal from very small s7 of the main read signal s 3 on the sub, but only weak signals. Merry Christmas to all the list felices deseos de ano nuevo Auguri di buon anno
bye de ik8vze espedito
----- Original Message -----
From: 'Jose V. Gavila' eb5agv@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 30, 2014 8:59 PM
Subject: [TS-850_450_690] DSP-100 fixed :-)!

Hi all,

I answer myself ;-)... The first thing that the DSP-100 does when powered up is to send a CAT-like command to the TS-850 by means of the CONT IN connector PIN 2. You can see with an oscilloscope the data frame at L21 on the DSP-100. Each time you change RX or TX ON or OFF, a signal is sent. The TS-850 answers back by means of a DSP-3 connector line. I don't know exactly which signal uses but, if you disconnect that connector and power-up the DSP-100, you get a continuous query from the DSP-100, until you connect it.

Well, what happened on my faulty unit is that there was no data transmission at any moment from the DSP-100. As the CPU which manages that transmission is IC37, I have checked the obvious things: RESET signal, which was OK, and CLOCK... which was not :-)!. So I have taken out the XTAL (X2), have given it some light shocks on the workbench (as a way to dislodge any internal dust) and, once I have put it back on the unit, it worked!!!

So it seems X2 is (was?) faulty. Now the DSP works flawlessly. I will try to get a new XTAL (which, BTW, is a 9.216MHz one)

Well, now I know some more about how the DSP-100 works!

I hope this info helps other people to get their units going.

Best regards and Happy 2015!

JOSE

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

Questa e-mail è stata controllata per individuare virus con Avast antivirus.
http://www.avast.com

12962. Re: DSP-100 fixed :-)!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-06 20:09:33 UTC
From: oe3jtb@...
Topic: 12960 Message: 12962

Hi Jose look here
4 * 9.216 Mhz HC49/4H crystal HC49/S xtal Oscillator http://www.ebay.co.uk/itm/4-9-216-Mhz-HC49-4H-crystal-HC49-S-xtal-Oscillator-/300527749217?pt=UK_BOI_Electrical_Components_Supplies_ET&hash=item45f8d98861

http://www.ebay.co.uk/itm/4-9-216-Mhz-HC49-4H-crystal-HC49-S-xtal-Oscillator-/300527749217?pt=UK_BOI_Electrical_Components_Supplies_ET&hash=item45f8d98861

4 * 9.216 Mhz HC49/4H crystal HC49/S xtal Oscillator http://www.ebay.co.uk/itm/4-9-216-Mhz-HC49-4H-crystal-HC49-S-xtal-Oscillator-/300527749217?pt=UK_BOI_Electrical_Components_Supplies_ET&hash=item45f8d98861 4 * 9.216 Mhz HC49/4H crystal HC49/S xtal Oscillator in Business, Office & Industrial, Electrical & Test Equipment, Components & Supplies | eBay

View on www.ebay.co.uk http://www.ebay.co.uk/itm/4-9-216-Mhz-HC49-4H-crystal-HC49-S-xtal-Oscillator-/300527749217?pt=UK_BOI_Electrical_Components_Supplies_ET&hash=item45f8d98861
Preview by Yahoo

BTW are you a step further with the TS-850 tuner fault?
73 Alex OE3JTB

12963. Memory battery in the TS450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-13 05:21:44 UTC
From: Phil
Topic: 12963 Message: 12963

Hi,
I got the beast today on a swap. Think I'm going to like it very much.
I did pull the top and bottom covers to examine it, and lit looks like
I'll need to replace C104 (from what I see in the group files that's a
common fault). Just the barest trace of a bit of corrosion under it.

Also, I think the memory battery will need to be replaced, the display
was 14.000 when I first turned it on. Where is the battery located? I
didn't see it under either the top or bottom cover.

I was lucky, this radio has the 1.8kHz SSB filter installed. As soon as
I get a chance I'll be putting 250Hz filters in both of the CW positions
as I'll probably want to use it to listen to NDB's (longwave beacons)
also. A quick check showed that it performs quite nicely in the
200-500kHz range.

The man I got it from said he also has the matching Desk mike that he'll
drop off next time he comes by, so that's good news.

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

12964. Would you do this swap? (long story)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-12 04:06:47 UTC
From: Phil
Topic: 12964 Message: 12964

Hi All,

I posted the following to the NDB (Longwave beacon) list and thought I'd re-post it here.

After this I'll send an email to the group introducing myself and with some questions. I'd be especially interested in what anyone who has/had both an Icom IC-735 AND a TS-450SAT.

****
As you can see from my signature line, I have a number of radios Over the last 60 years I've bought, sold and swapped hundreds of them, some of them not staying in the shack very long. I do much less of that now as finances dictate that I pretty much stick with what I have, with an occasional purchase/swap of a "low end" radio. . .

Well, the IC-735 transceiver came to me a couple years or so ago through "sweat equity", that is, I worked for it, repairing some radios, antennas, and computers etc for Don, an 'older' (hey, I'm 71) ham buddy. When I first got my ticket in '94 the IC-735 was my "dream rig". It was at the end of it's run and featured in the ham magazines of the time. Don knew that and I think that he sort of did me a 'favor' in letting me have the rig with no 'cash' outlay, though I have certainly earned it otherwise (he's always having 'puter and/or radio problems). I don't mind as he's a good friend and I'd have done the work for him with NO payment anyway, and he gave me a nice Christmas card with a few pieces of green paper having pictures of dead presidents for Christmas (I'd just renovated his laptop).

ANYWAY, he's getting older and has been having a LOT of problems operating his present rig (Kenwood TS-450SAT). He can only see with one eye and has bad shaking in his hands. Fairly frequently I get a call that he must have pressed the wrong button and it isn't doing what he expects it to do. When that happens he just starts pushing buttons on it until it's way out in left field somewhere! In every case I make a quick trip to his house in Atwater (about 8 miles) and he's good to go again until the next time.

This morning I was having "coffee with the hams" at the mall (a weekly Saturday morning group). When I was getting ready to leave he cornered me and asked me if I'd be interested in swapping him my IC-735 for the TS450SAT. He thinks that he is starting to get the first stages of Alzheimer's and that the TS-450SAT is just too much radio to remember everything (most of his ham career has been strictly boat anchors). He asked me to think about it and let him know later this week, and I could bring the Kenwood home for a "trial run".

The only cash I have in the IC-735 is for the 500Hz CW filter I put in it, but I'd probably leave that filter in the rig as it's easier than taking it out. . .

NOW FOR MY QUESTION: There is no doubt that the TS-450SAT is a newer and nicer rig, than the IC-735 and is worth more value wise, even without extra filters. BUT I DON'T WANT TO TAKE ADVANTAGE OF A GOOD FRIEND! The primary use for the rig would be ham radio, NOT NDB's as I have better radios for those (the Icom R-75 & R-71A), and while they're reliable there are a few electrolytic caps that tend to spill their guts out in the 450. I'd want to replace those before that happened.

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Icom: IC-735 Transceiver With 500Hz Filter (~1990).
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

12965. Introduction, and a couple questions. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-12 04:25:26 UTC
From: Phil
Topic: 12965 Message: 12965

Hi all,
I'm new to this group, but NOT to radio. I've been swapping, buying, selling, using, repairing, tearing apart and home-brewing radios since I was about 10 Years old (around 1953 or so). Didn't get my ham license until 1994 as I let the Morse Code keep me from it that long (in '94 I DID pass the 13WPM test and got my Advanced Class ticket, never upgraded from that).

Now to the point of this email.

I 'may' swap an Icom IC-735 for a nice TS-450SAT. The FIRST thing I'll do with it if I do get it will be to put it on the bench and replace any leaking capacitors, battery etc as I doubt that the radio has been in a shop. At least not in many years.

Actually, my main DXing hobby is (and has been for a number of years) DXing NDB's, or longwave navigational beacons. I have well over 1200 of them heard, coast to coast, Alaska to South America, Asia and the South Pacific etc. Not bad considering most are designed for short range of 25-50 miles (there are some long range ones).

The TS-450SAT will be primarily used for Ham Radio (as it should be) as I have two very fine receivers for chasing NDB's, the Icom R-71 and especially the Icom R-75 which I've equipped with cascaded 250 & 125 Hz CW filters (in the NDB hobby, selectivity is EVERYTHING).

But all receivers in the shack sometimes get used "down in the basement", even the portables and the old Zenith Royal 7000 TransOceanic.

Now the TS-450SAT connection. In perusing the manual, brochures etc of the 450 it says that the rig tunes 500KCs to 30MCs. However, I noticed in the schematic that the front end filters of the receiver includes one that is labeled as ~0-.5 MCs (give or take). This would seem to indicate that the set DOES tune below .5MCs

If so, and if it's anything at all like the older TS-440, which was an EXCELLENT performer down in the basement, it would be a BIG benefit to me. Especially if I loaded narrow CW filters in both IF sections like I did the R-75.

What say, does it tune down there, and if so, does it perform well there (assuming you use a good LF antenna, which I do)?

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Icom: IC-735 Transceiver With 500Hz Filter (~1990).
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

12966. A few interesting problems with my TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-14 15:37:45 UTC
From: Bob Bruno - K2KI
Topic: 12966 Message: 12966

Good day folks,

I have a TS-690S which is exhibiting some strange faults.

1 - Occasionally the main encoder will stop working and when I go into the Extended Function 1 menu (LSB/USB + Power On), the main encoder is selected off. I turn it back on and maybe a day, maybe a couple of hours, the problem returns. This is a new problem that occurred last week.

2 - Occasionally the Up/Down buttons fail to work in normal operation but work OK in any of the adjustment menus and return to proper operation after exiting any of the menus with the CLR button. Same thing, new problem since last week.

3 - The display always show the M from FM and AM fully regardless what mode I am in. However, the F display does fully light when selecting the FM mode. Also new problem since last week.

Is there one common item that could be causing the above problems?

OK, this one is two part and complicated. I need to first tell you my filter setup. I have the following filters installed and they are selected in the Option Setting Menu (Ent/Power on), YK-88c-1 and YG-455CN-1. All CW and No SSB filters! (And yes, the 8.83 filter is in the proper location).

4 - Sideband issue: When the 8.83 filter setting is set to either Thru or 6K "and/or" the 455 filter setting is tuned to either 12K or 6K I can copy an SSB signal on either LSB or USB. So a LSB or USB signal is fully copyable just but hitting the LSB/USB button. No tuning required. HOWEVER, if I select 2.4K on the 455 side, all is well.

4A - CW issue: with the same parameters as above, I can copy a CW signal on either side of Zero Beat by using the main encoder knob. And as above, the problem is not present when I select 2.4K on the 455 side. When the problem occurs, the unwanted side of a CW signal is lower in strength but not by much though..

For problems 4 + 4A, This has been a problem for a while now. Since I do not use SSB very much and my 455 CW filter is usually on, I don't see the problem in CW.

I have tried replacing the IF board XS-3090-XX with a fully working board I had on hand. No joy to be found there. I have tried removing the filters in the Option Setting Menu then physically removed the filters and then verified that they are indeed not present in the Option Menu Setting after powering the radio back on. I also did a full reset (A/B +

Power on) and A=B + Power on). No joy at all!

I am at my wits end with this radio. This is my favorite radio to operate! Any help with these problems would be greatly appreciated! Thank you for reading this!

--
73...
Bob de k2ki
k2ki@...
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

12967. A few interesting problems with my TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-16 00:28:53 UTC
From: k2ki@...
Topic: 12966 Message: 12967

Good day folks,
I am posting this directly to the group as my attempt to post via my home email as I have done in the past does not seem to be working. If eventually see two messages from me with identical content, it is not my attempt to spam the group.

With that said...

I have a TS-690S which is exhibiting some strange faults.

1 - Occasionally the main encoder will stop working and when I go into the Extended Function 1 menu (LSB/USB + Power On), the main encoder is selected off. I turn it back on and maybe a day, maybe a couple of hours, the problem returns. This is a new problem that occurred last week.

2 - Occasionally the Up/Down buttons fail to work in normal operation but work OK in any of the adjustment menus and return to proper operation after exiting any of the menus with the CLR button. Same thing, new problem since last week.

3 - The display always show the M from FM and AM fully regardless what mode I am in. However, the F display does fully light when selecting the FM mode. Also new problem since last week.

Is there one common item that could be causing the above problems?

OK, this one is two part and complicated. I need to first tell you my filter setup. I have the following filters installed and they are selected in the Option Setting Menu (Ent/Power on), YK-88c-1 and YG-455CN-1. All CW and No SSB filters! (And yes, the 8.83 filter is in the proper location).

4 - Sideband issue: When the 8.83 filter setting is set to either Thru or 6K "and/or" the 455 filter setting is tuned to either 12K or 6K I can copy an SSB signal on either LSB or USB. So a LSB or USB signal is fully copyable just but hitting the LSB/USB button. No tuning required. HOWEVER, if I select 2.4K on the 455 side, all is well.

4A - CW issue: with the same parameters as above, I can copy a CW signal on either side of Zero Beat by using the main encoder knob. And as above, the problem is not present when I select 2.4K on the 455 side. When the problem occurs, the unwanted side of a CW signal is lower in strength but not by much though..

For problems 4 + 4A, This has been a problem for a while now. Since I do not use SSB very much and my 455 CW filter is usually on, I don't see the problem in CW.

I have tried replacing the IF board XS-3090-XX with a fully working board I had on hand. No joy to be found there. I have tried removing the filters in the Option Setting Menu then physically removed the filters and then verified that they are indeed not present in the Option Menu Setting after powering the radio back on. I also did a full reset (A/B + Power on) and A=B + Power on). No joy at all!

I am at my wits end with this radio. This is my favorite radio to operate! Any help with these problems would be greatly appreciated!
Thank you for reading this!

--
73...
Bob de k2ki
k2ki@starc.org mailto:k2ki@starc.org
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

12968. RE: [TS-850_450_690] A few interesting problems with my TS-690S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-16 18:12:43 UTC
From: k4pdm
Topic: 12966 Message: 12968

I would suspect a ribbon cable is not fully seated for problems 1 thru 3. The filter situation is normal for these radios, if I am understanding your description. That us how all my 850s have worked. 73 Paul K4PDM Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone
-------- Original message --------
From: "Bob Bruno - K2KI k2ki@starc.org [TS-850_450_690]"
Date:01/14/2015 10:37 AM (GMT-05:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] A few interesting problems with my TS-690S

Good day folks, I have a TS-690S which is exhibiting some strange faults. 1 - Occasionally the main encoder will stop working and when I go into the Extended Function 1 menu (LSB/USB + Power On), the main encoder is selected off. I turn it back on and maybe a day, maybe a couple of hours, the problem returns. This is a new problem that occurred last week. 2 - Occasionally the Up/Down buttons fail to work in normal operation but work OK in any of the adjustment menus and return to proper operation after exiting any of the menus with the CLR button. Same thing, new problem since last week. 3 - The display always show the M from FM and AM fully regardless what mode I am in. However, the F display does fully light when selecting the FM mode. Also new problem since last week. Is there one common item that could be causing the above problems? OK, this one is two part and complicated. I need to first tell you my filter setup. I have the following filters installed and they are selected in the Option Setting Menu (Ent/Power on), YK-88c-1 and YG-455CN-1. All CW and No SSB filters! (And yes, the 8.83 filter is in the proper location). 4 - Sideband issue: When the 8.83 filter setting is set to either Thru or 6K "and/or" the 455 filter setting is tuned to either 12K or 6K I can copy an SSB signal on either LSB or USB. So a LSB or USB signal is fully copyable just but hitting the LSB/USB button. No tuning required. HOWEVER, if I select 2.4K on the 455 side, all is well. 4A - CW issue: with the same parameters as above, I can copy a CW signal on either side of Zero Beat by using the main encoder knob. And as above, the problem is not present when I select 2.4K on the 455 side. When the problem occurs, the unwanted side of a CW signal is lower in strength but not by much though.. For problems 4 + 4A, This has been a problem for a while now. Since I do not use SSB very much and my 455 CW filter is usually on, I don't see the problem in CW. I have tried replacing the IF board XS-3090-XX with a fully working board I had on hand. No joy to be found there. I have tried removing the filters in the Option Setting Menu then physically removed the filters and then verified that they are indeed not present in the Option Menu Setting after powering the radio back on. I also did a full reset (A/B + Power on) and A=B + Power on). No joy at all! I am at my wits end with this radio. This is my favorite radio to operate! Any help with these problems would be greatly appreciated! Thank you for reading this! -- 73... Bob de k2ki k2ki@starc.org 802-752-7225 (Cell - Call anytime) SKCC #12195 NAQCC #2337 ---------- Posted by: Bob Bruno - K2KI ---------- THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM ---------- Yahoo Groups Links

12969. Re: [TS-850_450_690] Memory battery in the TS450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-16 19:43:18 UTC
From: Tom Osborne
Topic: 12963 Message: 12969

Hi Phil

The battery is on the digital unit - the board right behind the front panel. You have to remove that board to get to the battery.

I made an extension to reach from where the battery is on the board to a place where I could just tuck the battery away. That way when it needs to be changed again, the board doesn't have to be pulled out.

While you have the board out, you can also clip D27 and open the TS-450 to transmit on any frequency. That allows it to be used on 60 meters. 73 Tom W7WHY

On 1/12/2015 9:21 PM, Phil ko6bb1@... [TS-850_450_690] wrote:
>
> Hi,
> I got the beast today on a swap. Think I'm going to like it very much.
> I did pull the top and bottom covers to examine it, and lit looks like
> I'll need to replace C104 (from what I see in the group files that's a
> common fault). Just the barest trace of a bit of corrosion under it.
>
> Also, I think the memory battery will need to be replaced, the display
> was 14.000 when I first turned it on. Where is the battery located? I
> didn't see it under either the top or bottom cover.
>
> I was lucky, this radio has the 1.8kHz SSB filter installed. As soon as
> I get a chance I'll be putting 250Hz filters in both of the CW positions
> as I'll probably want to use it to listen to NDB's (longwave beacons)
> also. A quick check showed that it performs quite nicely in the
> 200-500kHz range.
>
> The man I got it from said he also has the matching Desk mike that he'll
> drop off next time he comes by, so that's good news.
>

12970. Re: [TS-850_450_690] Memory battery in the TS450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-16 18:22:44 UTC
From: Andy - KU4XR
Topic: 12963 Message: 12970

Manuals are available for download in the file section of this group....

The Memory Battery is located behind the front panel of the radio....

73: Andy - KU4XR

On Tue, 1/13/15, Phil ko6bb1@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Also, I think the memory battery will need to be replaced,
the display
was 14.000 when I first turned it on. Where is the
battery located? I
didn't see it under either the top or bottom cover.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

12972. Re: Memory battery in the TS450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-17 15:08:23 UTC
From: T. Scott Griffin
Topic: 12972 Message: 12972

Hi Phil,

I replaced both C104 and the Lithium memory battery when I got my TS-450S. The C104 replacement is a 470uf, 25 vdc radial capacitor and there are plenty on eBay.

I ordered the memory battery from Digikey, but I am on the road now and don’t have the Digikey part number. I hope someone else in the group can give you that information. It turns out the shipping costs more than the battery so I ordered two.

Good luck and enjoy you new rig!

Scott, N6CIC

Sent from Windows Mail

12973. Re: [TS-850_450_690] Memory battery in the TS450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-17 18:00:14 UTC
From: Phil
Topic: 12963 Message: 12973

Thank you Tom,
I'll take your tip and get a battery holder I can relocate to a more
accessible location. Also, somebody in the past already did the the
"MARS" mod (I hate that term).

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

On 1/16/2015 7:43 PM, Tom Osborne w7why@... [TS-850_450_690] wrote:
>
> Hi Phil
>
> The battery is on the digital unit - the board right behind the front
> panel. You have to remove that board to get to the battery.
>
> I made an extension to reach from where the battery is on the board to a
> place where I could just tuck the battery away. That way when it needs
> to be changed again, the board doesn't have to be pulled out.
>
> While you have the board out, you can also clip D27 and open the TS-450
> to transmit on any frequency. That allows it to be used on 60 meters. 73
> Tom W7WHY
>
> On 1/12/2015 9:21 PM, Phil ko6bb1@... [TS-850_450_690] wrote:
> >
> > Hi,
> > I got the beast today on a swap. Think I'm going to like it very much.
> > I did pull the top and bottom covers to examine it, and lit looks like
> > I'll need to replace C104 (from what I see in the group files that's a
> > common fault). Just the barest trace of a bit of corrosion under it.
> >
> > Also, I think the memory battery will need to be replaced, the display
> > was 14.000 when I first turned it on. Where is the battery located? I
> > didn't see it under either the top or bottom cover.
> >
> > I was lucky, this radio has the 1.8kHz SSB filter installed. As soon as
> > I get a chance I'll be putting 250Hz filters in both of the CW positions
> > as I'll probably want to use it to listen to NDB's (longwave beacons)
> > also. A quick check showed that it performs quite nicely in the
> > 200-500kHz range.
> >
> > The man I got it from said he also has the matching Desk mike that he'll
> > drop off next time he comes by, so that's good news.
> >
>

12974. Re: [TS-850_450_690] Re: Memory battery in the TS450?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-17 17:57:44 UTC
From: Phil
Topic: 12972 Message: 12974

Thank you Scott,
I replaced C104 a couple days ago (I had one on hand). Haven't done the battery yet. So far I'm very impressed with the radio, especially in the LF range where I spend a lot of time. Future plans call for adding a 250Hz Filter in the 8MHz slot and an Inrad 125Hz filter in the 455kHz slot.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 1/17/2015 3:08 PM, 'T. Scott Griffin' scottandalene@...
[TS-850_450_690] wrote:
>
> Hi Phil,
>
> I replaced both C104 and the Lithium memory battery when I got my
> TS-450S. The C104 replacement is a 470uf, 25 vdc radial capacitor and
> there are plenty on eBay.
>
> I ordered the memory battery from Digikey, but I am on the road now
> and don’t have the Digikey part number. I hope someone else in the
> group can give you that information. It turns out the shipping costs
> more than the battery so I ordered two.
>
> Good luck and enjoy you new rig!
>
> Scott, N6CIC
>

12977. MC-60 Mic for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-19 00:45:37 UTC
From: Phil
Topic: 12977 Message: 12977

Hi All,
Today the Gentleman I got the TS-450SAT from dropped by and gave me a Kenwood MC-60 microphone & base. He asid he didn't have any need for it as it doesn't fit the Icom he got from me. Also said I might have to do some work on it as before he got it somebody left batteries in it and they corroded :(

Well, I was lucky, the corrosion was limited to the battery holder and one of the springs were corroded and laying in the base housing. So tomorrow I'll go down to RS and see if they have a suitable 2-AA battery holder. Though they have few radio parts now-a-days I'm sure they'll have something that will work.

The outside of the base looked a bit grungy from sitting unused, but cleaned up quite nicely, as did the handle of the microphone. I brushed the grills with a stiff toothbrush, but would like to clean it further.

Is there a way to get the head that contains the mesh grills off? I thought it might screw off like my Shure Vocal and instrument mics (SM-57 & SM-58) do, but so far no joy. . .

Also, I'm sure that the proper impedance setting for the TS-450 is Lo-Z (500 Ohms). But does the TS-450SAT 'like' the amplified or unamplified (under the stand) best? Yeah, I know, we hams are supposed to experiment :) I find that with the Kenwood Hand mic I don't need to turn the Mic gain up much above 9-10 O'Clock so it seems pretty "hot". On the Icom IC-735 that I swapped for the TS-450, mic gain with the Icom Hand Mic (electret) needed to be turned up nearly all the way to get optimum modulation.

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.

30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

12978. Re: MC-60 Mic for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-19 04:32:08 UTC
From: w4jz@...
Topic: 12977 Message: 12978

The MC-50 mic head was glued on. I took a hair dryer & heated it up & was able to pull it off. You might try that on the MC-60.

Reed W4JZ

12979. Re: [TS-850_450_690] MC-60 Mic for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-19 12:34:18 UTC
From: Ken Winterling
Topic: 12977 Message: 12979

Phil,

To disassemble the MC-60 or MC-50 mic wrap the microphone in an old cotton shirt/cloth/towel to keep from burning your hands. Do not use any tools to grab the mic or you will damage it! Using a heat gun or hair dryer heat the joint between the head of the mic and the body and keep trying to unscrew (counter clockwise looking down on the mic head) the mic head. The mic head will unscrew after sufficient heat is applied. Again, do not use any tools to hold the mic!

Regarding the impedance setting, check the manual for the rig. The TS-450SAT uses a Lo-Z mic input. I have not used the mic preamp on any of the Kenwood rigs I owned or repaired. If you decide to use the preamp, depending on the particular version of the MC-60 you have, the batteries will not be required as the power will be supplied by pin 5 of the rig's mic connector.

You can't compare the Icom and Kenwood mic gain settings as they have different mic circuits. The older Icoms, especially, had very lower gain inputs compared to Kenwood or Yeasu.

Ken
WA2LBI

On Sun, Jan 18, 2015 at 7:45 PM, Phil ko6bb1@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
<snip...>

> Is there a way to get the head that contains the mesh grills off? I
> thought it might screw off like my Shure Vocal and instrument mics (SM-57 &
> SM-58) do, but so far no joy. . .
>
> Also, I'm sure that the proper impedance setting for the TS-450 is Lo-Z
> (500 Ohms). But does the TS-450SAT 'like' the amplified or unamplified
> (under the stand) best? Yeah, I know, we hams are supposed to
> experiment :) I find that with the Kenwood Hand mic I don't need to
> turn the Mic gain up much above 9-10 O'Clock so it seems pretty "hot".
> On the Icom IC-735 that I swapped for the TS-450, mic gain with the Icom
> Hand Mic (electret) needed to be turned up nearly all the way to get
> optimum modulation.
>
> --
> 73 de Phil, KO6BB
>

12984. Re: [TS-850_450_690] Introduction, and a couple questions. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-19 20:42:10 UTC
From: Phil
Topic: 12965 Message: 12984

Bob,
NDB is the abbreviation for "Non Directional Beacon", primarily navigation. Most are relatively low power, on the order of 25-100 Watts, usually into an (often short) Vertical or "Tee" antenna. In North America most fall in the range of 200-530kHz while some other areas of the world they are also in the MW broadcast band. I have somewhat over 1200 of them logged, coast to coast, Alaska to South America, Asia and the South Pacific. No easy task, believe me! Luckily most ID at a slow rate so very narrow audio and IF filters are usable with some ringing (I often find the filter ringing helps to reconstruct a beacon buried in noise). With the advent of GPS many are going "dark" as airports decide not to continue funding them. They are probably the cheapest "Navaid" to maintain, which explains why many are still in use.

As you're at the whim of ol' Sol (geomagnetic storms affect it greatly) along with T-storm noise in the summer, it is also a very addictive hobby, once hooked it seems like one always returns if they leave it for awhile. I've been at it for over 15 years, left for about a year and returned about 2 years ago. . .

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 1/19/2015 8:09 PM, Bob Naylor wotbob01@... [TS-850_450_690] wrote:
> Phil, What is NDB band?
> Bob WE6C
>
> ---
> *From:* "Phil ko6bb1@... [TS-850_450_690]"
> <TS-850_450_690@yahoogroups.com>

> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Saturday, January 17, 2015 10:08 AM
> *Subject:* Re: [TS-850_450_690] Introduction, and a couple questions. . .
>
> Thank you Andy,
> I was tuning around the NDB band on it the other night and managed to
> log about 97 NDBs using the "Barn-Door-Wide" SSB filters. A different
> experience considering that I'm used to DXing NDB's with the Icom R75
> (cascaded 250/125 Hz IF filters) along with an audio filter tuned to
> 440Hz that is only 6 Hz wide (REALLY digs down into the noise).
>
> Future plans call for me to put a 250Hz filter in the 8M slot and an
> Inrad 125Hz filter in the 455kHz slot. I REALLY like the way Kenwood
> allows you to individually select filters of choice in any mode. . .
>
> 73 de Phil, KO6BB
> http://www.qsl.net/ko6bb/ (Web Page)

12986. Re: [TS-850_450_690] MC-60 Mic for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-19 21:31:36 UTC
From: Phil
Topic: 12977 Message: 12986

Thank you Ken,
After much brushing with a dry, stiff toothbrush the grills cleaned up quite nicely. Nice enough that I'm not going to risk heating up the mic. I found a suitable 2xAA battery holder at RadioShack (it even has a cover that should keep any future leakage enclosed). I've got the mic base all back together now and it works well.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

On 1/19/2015 12:34 PM, Ken Winterling wa2lbi@... [TS-850_450_690] wrote:
> Phil,
>
> To disassemble the MC-60 or MC-50 mic wrap the microphone in an old
> cotton shirt/cloth/towel to keep from burning your hands. Do not use
> any tools to grab the mic or you will damage it! Using a heat gun or
> hair dryer heat the joint between the head of the mic and the body and
> keep trying to unscrew (counter clockwise looking down on the mic
> head) the mic head. The mic head will unscrew after sufficient heat
> is applied. Again, do not use any tools to hold the mic!
>
> Regarding the impedance setting, check the manual for the rig. The
> TS-450SAT uses a Lo-Z mic input. I have not used the mic preamp on any
> of the Kenwood rigs I owned or repaired. If you decide to use the
> preamp, depending on the particular version of the MC-60 you have, the
> batteries will not be required as the power will be supplied by pin 5
> of the rig's mic connector.
>
> You can't compare the Icom and Kenwood mic gain settings as they have
> different mic circuits. The older Icoms, especially, had very lower
> gain inputs compared to Kenwood or Yeasu.
>
>
> Ken
> WA2LBI
>

12987. Re: [TS-850_450_690] Re: MC-60 Mic for the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-19 21:27:37 UTC
From: Phil
Topic: 12977 Message: 12987

Thank you Reed.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

On 1/19/2015 4:32 AM, w4jz@... [TS-850_450_690] wrote:
>
> The MC-50 mic head was glued on. I took a hair dryer & heated it up &
> was able to pull it off. You might try that on the MC-60.
>
>
> Reed W4JZ
>

12990. Re: [TS-850_450_690] Introduction, and a couple questions. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-20 19:37:21 UTC
From: romo209@...
Topic: 12965 Message: 12990

Bob,

I was checking for LF beacons from Jackson, CA which is close to you and I think you should be able to hear these two fairly easily.

374 kHz LV USA CA Livermore
205 kHz COR USA CA Corcoran

I'm just using a homebrew vertical antenna and my Kenwood TS-450sat here.

Robert, K6FNI

12991. Re: [TS-850_450_690] Introduction, and a couple questions. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-21 23:36:57 UTC
From: Bob Naylor
Topic: 12965 Message: 12991

Thanks. I'll give this a try.Bob WE6C
From: "romo209@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 20, 2015 11:37 AM
Subject: Re: [TS-850_450_690] Introduction, and a couple questions. . .

Bob,

I was checking for LF beacons from Jackson, CA which is close to you and I think you should be able to hear these two fairly easily.

374 kHz LV USA CA Livermore
205 kHz COR USA CA Corcoran

I'm just using a homebrew vertical antenna and my Kenwood TS-450sat here.

Robert, K6FNI

12992. TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 16:39:29 UTC
From: rzacharkow@...
Topic: 12992 Message: 12992

Happy New Year to the group!
Want to present this issue that I have noticed over the past couple weeks.

Running barefoot to a G5RV up 30' and about 100' rg8u to the 450 ohm line. Recently noticed the tuner would take longer than usual to tune a frequency and wouldn't tune on 17 and 12, which by the way, 17 and 12 used to tune without any big delays. Also noticed something interesting: where I am able to tune (40 meters as a favorite) I noticed the recieve S-meter readings would drop significantly so that I would not have an accurate signal report on the signal I was receiving. I found that powering off the rig for some time would "fix" the S-meter issue until I tried the tuner again and right back to a very low S-meter reading.

This week decided to replace the G5RV as it was pretty old & fragile with a new one. Basically getting the same results as described above, the only difference being I can now tune on 12 meters with difficulty and only from the middle of the band.

I always unplug the coax from the radio when not in use. Today noticed that if I pull the coax connector somewhat out of the antenna connection (center pin still inserted but the outer casing of the pl-259 not in contact) the rf/S-meter reading jumps right up (no I am not doing this on transmit). Thought that problem was with the short rg-8 extension cable I use to the rig so I tried a different one: and got the same results.

Any ideas? Anything I might be able to fix by myself or be sent out (I am the original owner since 1993, and the original battery has not gone bad yet).

I apologize for this long message. And thanks in advance for any tips you may have.

73 de N1NIJ Rick

12993. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 17:06:53 UTC
From: Tom Osborne
Topic: 12992 Message: 12993

Hi Rick

That is normal.

When you connect the ground side of the coax with the screw on part of the connector, you are adding more shielding to the line. When you unscrew the connector and pull it out a little, you are removing the shielded part of the cable and picking up a lot more noise. Mine does that, too. Not to worry :-) 73

Tom W7WHY

On 1/24/2015 8:39 AM, rzacharkow@... [TS-850_450_690] wrote:
>
> Happy New Year to the group!
>
> Want to present this issue that I have noticed over the past couple weeks.
>
>
> Running barefoot to a G5RV up 30' and about 100' rg8u to the 450 ohm
> line. Recently noticed the tuner would take longer than usual to tune
> a frequency and wouldn't tune on 17 and 12, which by the way, 17 and
> 12 used to tune without any big delays. Also noticed something
> interesting: where I am able to tune (40 meters as a favorite) I
> noticed the recieve S-meter readings would drop significantly so that
> I would not have an accurate signal report on the signal I was
> receiving. I found that powering off the rig for some time would "fix"
> the S-meter issue until I tried the tuner again and right back to a
> very low S-meter reading.
>
>
> This week decided to replace the G5RV as it was pretty old & fragile
> with a new one. Basically getting the same results as described above,
> the only difference being I can now tune on 12 meters with difficulty
> and only from the middle of the band.
>
>
> I always unplug the coax from the radio when not in use. Today noticed
> that if I pull the coax connector somewhat out of the antenna
> connection (center pin still inserted but the outer casing of the
> pl-259 not in contact) the rf/S-meter reading jumps right up (no I am
> not doing this on transmit). Thought that problem was with the short
> rg-8 extension cable I use to the rig so I tried a different one: and
> got the same results.
>
>

> Any ideas? Anything I might be able to fix by myself or be sent out (I
> am the original owner since 1993, and the original battery has not
> gone bad yet).
>
>
> I apologize for this long message. And thanks in advance for any tips
> you may have.
>
>
> 73 de N1NIJ Rick
>
>

12994. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 17:56:01 UTC
From: Phil
Topic: 12992 Message: 12994

Rick,
Something you might want to look at is the solder connection on the
TS-450 SO-239 connector. It is common for the small wire connecting the
socket to the PCB board to break. If that's the case, just replace the
wire and you're good to go.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 1/24/2015 4:39 PM, rzacharkow@... [TS-850_450_690] wrote:
>
> Happy New Year to the group!
>
> Want to present this issue that I have noticed over the past couple weeks.
>
>
> Running barefoot to a G5RV up 30' and about 100' rg8u to the 450 ohm
> line. Recently noticed the tuner would take longer than usual to tune
> a frequency and wouldn't tune on 17 and 12, which by the way, 17 and
> 12 used to tune without any big delays. Also noticed something
> interesting: where I am able to tune (40 meters as a favorite) I
> noticed the recieve S-meter readings would drop significantly so that
> I would not have an accurate signal report on the signal I was
> receiving. I found that powering off the rig for some time would "fix"
> the S-meter issue until I tried the tuner again and right back to a
> very low S-meter reading.
>
>
> This week decided to replace the G5RV as it was pretty old & fragile

> with a new one. Basically getting the same results as described above,
> the only difference being I can now tune on 12 meters with difficulty
> and only from the middle of the band.
>
>
> I always unplug the coax from the radio when not in use. Today noticed
> that if I pull the coax connector somewhat out of the antenna
> connection (center pin still inserted but the outer casing of the
> pl-259 not in contact) the rf/S-meter reading jumps right up (no I am
> not doing this on transmit). Thought that problem was with the short
> rg-8 extension cable I use to the rig so I tried a different one: and
> got the same results.
>
>
> Any ideas? Anything I might be able to fix by myself or be sent out (I
> am the original owner since 1993, and the original battery has not
> gone bad yet).
>
>
> I apologize for this long message. And thanks in advance for any tips
> you may have.
>
>
> 73 de N1NIJ Rick
>

12995. Re: TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 18:16:17 UTC
From: rzacharkow@...
Topic: 12992 Message: 12995

Thanks Tom 73

12996. Re: TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 18:16:54 UTC
From: rzacharkow@...
Topic: 12992 Message: 12996

I will take a look-see, Phil, thanks!

12997. Re: TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 20:34:35 UTC
From: rzacharkow@...
Topic: 12992 Message: 12997

Took a look Phil and the soldered wire looks good.

Another crazy question: when I took the top case of the rig off, I saw the smaller plate that needed to be removed so I could see the so 239 and soldered wire...that plate is screwed on with black colored screws (3 outside and 3 or 4 inside...think I lost a screw somewhere...have the 3 on the outside in, and 3 inside one's going around the perimeter of the plate...I recall a hole in about the middle of the plate - that one I don't have a screw to account for (looked all over for it - nada). Now i am not even sure if there was a screw in that hole in the first place: question is will that make any difference? Sorry for sounding like a moron.

Rick Zacharkow

12998. Re: TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-24 20:44:10 UTC
From: rzacharkow@...
Topic: 12992 Message: 12998

I guess what I don't get is why, say I was receiving you with the plug pulled out so that only the center pin is in contact, I may have an s-meter reading of s9 for instance, and then screwing the ground side back on I may show only s3 or similar. But you are saying this is basically normal?

I have always loved the old 450 and have gotten years of pleasure from it and don't want to see it have problems now. Am reluctant to send it in for service and spend the $$$ when they are only worth about $500 on ebay.

Rick Zacharkow

12999. Re: [TS-850_450_690] Re: TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-25 00:20:18 UTC
From: <pstanley@...>
Topic: 12992 Message: 12999

Hello Rick - I would recommend checking the solder joint on the center of the RF connector on the pc board. Pull the covers and have a look.

Phil
KD2XN

---- "rzacharkow@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> I guess what I don't get is why, say I was receiving you with the plug pulled out so that only the center pin is in contact, I may have an s-meter reading of s9 for instance, and then screwing the ground side back on I may show only s3 or similar. But you are saying this is basically normal?
>
> I have always loved the old 450 and have gotten years of pleasure from it and don't want to see it have problems now. Am reluctant to send it in for service and spend the $$$ when they are only worth about $500 on ebay.
>
>
> Rick Zacharkow

13000. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-26 20:56:17 UTC
From: Bob Naylor
Topic: 12992 Message: 13000

Rick, It could be as Phil described below but I believe your radio is probably fine. The symptom of the receive being better with just the center pin connected is an antenna/feed line problem. With the center pin only connected you now have a long wire. With both the shield and center pin connected the match is most likely so far off that the receive is way down. This could be caused by anything so...
You can diagnose this problem in a second. Hook up a dummy load and see what happens and let us know.
Bob WE6C
From: "Phil ko6bb1@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 24, 2015 9:56 AM
Subject: Re: [TS-850_450_690] TS-450SAT tuner/coax issue

  Rick,
Something you might want to look at is the solder connection on the
TS-450 SO-239 connector. It is common for the small wire connecting the
socket to the PCB board to break. If that's the case, just replace the
wire and you're good to go.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 6 Hz Audio Filter.

ANTENNAS: 88' Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
30 Foot "Low Noise Vertical" for LF/MW

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 1/24/2015 4:39 PM, rzacharkow@... [TS-850_450_690] wrote:
>
> Happy New Year to the group!
>
> Want to present this issue that I have noticed over the past couple weeks.
>
>
> Running barefoot to a G5RV up 30' and about 100' rg8u to the 450 ohm

> line. Recently noticed the tuner would take longer than usual to tune
> a frequency and wouldn't tune on 17 and 12, which by the way, 17 and
> 12 used to tune without any big delays. Also noticed something
> interesting: where I am able to tune (40 meters as a favorite) I
> noticed the recieve S-meter readings would drop significantly so that
> I would not have an accurate signal report on the signal I was
> receiving. I found that powering off the rig for some time would "fix"
> the S-meter issue until I tried the tuner again and right back to a
> very low S-meter reading.
>
>
> This week decided to replace the G5RV as it was pretty old & fragile
> with a new one. Basically getting the same results as described above,
> the only difference being I can now tune on 12 meters with difficulty
> and only from the middle of the band.
>
>
> I always unplug the coax from the radio when not in use. Today noticed
> that if I pull the coax connector somewhat out of the antenna
> connection (center pin still inserted but the outer casing of the
> pl-259 not in contact) the rf/S-meter reading jumps right up (no I am
> not doing this on transmit). Thought that problem was with the short
> rg-8 extension cable I use to the rig so I tried a different one: and
> got the same results.
>
>
> Any ideas? Anything I might be able to fix by myself or be sent out (I
> am the original owner since 1993, and the original battery has not
> gone bad yet).
>
>
> I apologize for this long message. And thanks in advance for any tips
> you may have.
>
>
> 73 de N1NIJ Rick
>

13001. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-31 15:59:28 UTC
From: rzacharkow@...
Topic: 12992 Message: 13001

Bob:

Forgive my delay in getting back to you.

Looks like both you and Phil were on the right track. Put the rig to a dummy load - internal tuner worked fine on all the bands it's made for. So after calling Kenwood tech. service and explaining the coax/center-connector-recieve issue it was determined to be a short somewhere in the coax feed line.

Since I have the feed line in sections I took some spare coax on hand and changed out the last section which connects to the antenna (a calculated guess as it's the easiest and quickest section to get to and it has been really cold here in CT!). Voila! Back in the game! My suspicion is that the short is probably at the PL-259 (thanks to Phil thinking connectors!) that connects to the antenna...but that'll be a project for warmer days!!!!

Thanks all!

73 de N1NIJ RickZacharkow

13002. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-31 19:49:40 UTC
From: Mel Cruts
Topic: 12992 Message: 13002

Hi,
If the coax is shorted, try locating the short with set of auto jumper cables and car battery, with care of course.
Hook one jumper to center conductor on one end of the coax. Hook the other to the coax sleeve by screwing
the PL259 back and sliding it out on the insulation. Connect one cable to battery and then just tap the other
end to the battery post. As there may be a lot of current if the short is solid just tapping the connection is important
as there will be a big spark. If the short is just one strand of the braid shorting in one or the other of the coax
connectors, you likely will blow the short out like a fuse and then the cable MAY BE USEFUL (??) again.
73,
Mel - KF6OZ

13003. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-01-31 23:56:09 UTC
From: rzacharkow@...
Topic: 12992 Message: 13003

Thanks Mel! A job for the springtime!

Rick

13004. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-01 01:27:18 UTC
From: myyahoo@...
Topic: 12992 Message: 13004

If you want to discover where the short it without attempting to zap it (I'd prefer to know this so that I can look at the location of the damage (just clearing the fault may leave you with further issues when transmitting), you can use a generator and detector. My favourite is an old HP Logic Pulser and HP Current Tracer (great for tracing shorts on PC boards, if done with care), but you can do the same with a signal generator, resistor, and an audio amplifier with small pickup coil.

If you have a audio signal generator (or even the output of a battery-powered radio), set it for about a kilohertz (frequency not important as long as you can hear it) and connect a resistor of approximately the generator's termination resistance from the centre conductor of the coax to the centre/output connector on the generator, and connect the shield of the coax to the shield/ground of the generator.

[You may find nice, spiky square waves easier to hear than sine waves, but use whatever you have.]

Connect a small coil of wire to the input of an audio amplifier (a battery-powered one is convenient, especially if the coax is still in place and runs outside) and hold the coil next to the coax at the generator end. Set the volume until you get a reasonable audio output (if you're not hearing anything you might try a few more turns).

The current will be high until the location of the fault, which means that the signal will couple much better into the pickup coil before the fault. Since the coax is being used as a loop, there is no 'shield effect' that matters.

Run down the length of the cable until the sound level drops rather suddenly, you're now just past the fault.

- Richard. VE7CVS

13005. TS-850S DDS Chips/Cap issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-01 07:30:20 UTC
From: ka9mot@...
Topic: 13005 Message: 13005

Hi All,
I recently acquired a 50 MIL S/N TS-850S. Love the rig, but I'm wondering about what the S/N cut off range is for the bad DDS Chips and leaky caps problems are. Wondering if I shouldn't be warming up the soldering iron and planning on some replacements.

Thank you,
Steve KA9MOT

13006. Re: [TS-850_450_690] TS-850S DDS Chips/Cap issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-01 10:08:18 UTC
From: Jose V. Gavila
Topic: 13005 Message: 13006

Hi Steve,

I have worked on 50+ TS-850S so far... And the first series where I saw the new DDS ICs was on a 308xxxx unit.

But the leaking caps problem, at least from my experience, was not fixed, so I have seen newer units with same problem. In fact, only on 3 or so units there was no apparent leakage but, even on them, desoldering the caps revealed the nasty odour the leakage generates when hot. So my recommendation is to ALWAYS replace the 11 caps on the CAR UNIT. And, please, carefully clean the PCB before putting the new ones.

Of course, YMMV.

Regards,

JOSE

El 01/02/2015 a las 8:30, ka9mot@... [TS-850_450_690] escribió:
>
>
> Hi All,
>
> I recently acquired a 50 MIL S/N TS-850S. Love the rig, but I'm
> wondering about what the S/N cut off range is for the bad DDS Chips and
> leaky caps problems are. Wondering if I shouldn't be warming up the
> soldering iron and planning on some replacements.
>
>
> Thank you,
>
> Steve KA9MOT

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

13007. TS 450SAT VOX Problem

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-01 15:06:40 UTC
From: garsot1951@...
Topic: 13007 Message: 13007

I have a TS 450SAT that works fine in the PTT mode. When I try to operate in the VOX mode, the VOX will kick in when I speak into the mic, but there is no audio. Currently using a Heil HM 10 mic but tried the Kenwood hand mic also. Same problem. Thanks Gary S. WB2FQL

13008. RE: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-01 15:49:34 UTC
From: Tom Bilello
Topic: 12992 Message: 13008

You can also build a poor man's time domain reflectometer if you have an oscilloscope and a function generator. Here is the link. I plan on building one myself.

https://www.youtube.com/watch?v=Il_eju4D_TM

Tom "Wolfie" BIlello, NW0LF

VE Liaison

Daytona Beach Amateur Radio Association

H-386-423-3277

C-386-690-9412

<http://www.dbara.org/> http://www.dbara.org

VE-patch1_2

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Saturday, January 31, 2015 6:56 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Thanks Mel! A job for the springtime!

Rick

[Non-text portions of this message have been removed]

13009. Re: [TS-850_450_690] TS-450SAT tuner/coax issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-02 17:30:46 UTC
From: Bob Naylor
Topic: 12992 Message: 13009

Rick, Glad it was a simple fix.CU on the air! Bob WE6C
From: "rzacharkow@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 31, 2015 7:59 AM
Subject: Re: [TS-850_450_690] TS-450SAT tuner/coax issue

  Bob:
Forgive my delay in getting back to you.

Looks like both you and Phil were on the right track. Put the rig to a dummy load - internal tuner worked fine on all the bands it's made for. So after calling Kenwood tech. service and explaining the coax/center-connector-recieve issue it was determined to be a short somewhere in the coax feed line.
Since I have the feed line in sections I took some spare coax on hand and changed out the last section which connects to the antenna (a calculated guess as it's the easiest and quickest section to get to and it has been really cold here in CT!). Voila! Back in the game! My suspicion is that the short is probably at the PL-259 (thanks to Phil thinking connectors!) that connects to the antenna...but that'll be a project for warmer days!!!!
Thanks all!
73 de N1NIJ RickZacharkow

13010. unmount cw filter - 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-03 21:19:09 UTC
From: Leonid Koval
Topic: 13010 Message: 13010

Hello

What should I do to put off the 500 Hz cw filter
Any button service menu using ?

Tnx 73 Leo UT7CL

13011. Re: [TS-850_450_690] unmount cw filter - 450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-03 23:06:26 UTC
From: Andy - KU4XR
Topic: 13010 Message: 13011

On the Front Panel Keypad... Button - 1 , and Button - 2 , will turn ON, or OFF extra filters

73 : Andy - KU4XR

On Tue, 2/3/15, Leonid Koval koval.leonid@... <TS-850_450_690@yahoogroups.com> wrote:

Hello

What should I do to put off the 500 Hz cw filter
Any button service menu using ?

Tnx 73 Leo UT7CL

Posted by: Leonid Koval <koval.leonid@...>

13012. Kenwood TS-850s stopped transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 17:11:00 UTC
From: usafaftdoc@...
Topic: 13012 Message: 13012

Hello all,

Thank you for allowing me to be part of your group. I have a 2nd hand Kenwood TS-850s which has functioned very well for 2 years. About a year ago, I modified it to open all frequencies by moving a diode from D11 to D9 and it has worked very well for over a year. (I know, I only transmit on frequencies that I am allowed to transmit on by my license, but it's interesting to listen to other fequencies.)

About a week ago, I turned it on and a series of clicks were heard in the right back side and now I cannot hear anything. The antenna, a dipole, is fine. It has an internal antenna tuner, which also works fine. I have removed the mic, used another one, no change. The transmit light now has a very soft, barely perceptable glow that was not there before. When I push the PTT button, the transmit light becomes bright as it normally does. When I do hit the PTT button, then I hear sound through the headphones or speakers, which I have not heard before. I did look at the circuit board, and cannot see anything burned out or loose. It seems as if it is stuck in some kind of weak transmit mode or something.

I can give more information if necessary, but that's the gist of it.

Thank you for reading.

Jim Breedlove
KJ6VMG

Thank you for reading

13013. Re: [TS-850_450_690] Kenwood TS-850s stopped transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 17:42:58 UTC
From: Paul Manuel
Topic: 13012 Message: 13013

Don't know about your problem, but the Kenwood would have received everything without that mod. It just would not transmit everywhere. Of course, general coverage transmit gives you 60 meters, and I use mine often on that band.

And you only have to clip a diode, not move it. At least on the 3 850s I have had.

Good luck with your issue!

73, Paul K4PDM

On Wed, 2/4/15, usafaftdoc@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Subject: [TS-850_450_690] Kenwood TS-850s stopped transmitting
To: TS-850_450_690@yahoogroups.com
Date: Wednesday, February 4, 2015, 12:11 PM

Hello all,

Thank you for allowing me to be part of your group.
I have a 2nd hand Kenwood TS-850s which has functioned very
well for 2 years. About a year ago, I modified it to
open all frequencies by moving a diode from D11 to D9 and it
has worked very well for over a year. (I know, I only
transmit on frequencies that I am allowed to transmit on by
my license, but it's interesting to listen to other
fequencies.)

About a week ago, I turned it on and a series of clicks
were heard in the right back side and now I cannot hear
anything. The antenna, a dipole, is fine. It has
an internal antenna tuner, which also works fine. I
have removed the mic, used another one, no change. The
transmit light now has a very soft, barely perceptable glow
that was not there before. When I push the PTT button,
the transmit light becomes bright as it normally
does. When I do hit the PTT button, then I hear sound
through the headphones or speakers, which I have not heard
before. I did look at the circuit board, and
cannot see anything burned out or loose. It seems as
if it is stuck in some kind of weak transmit mode or
something.

I can give more information if necessary, but that's
the gist of it.

Thank you for reading.

Jim Breedlove
KJ6VMG

Thank you for reading

13014. Quick CAT Control Question for my "new" Ts-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 19:55:55 UTC
From: knotquiteawake@...
Topic: 13014 Message: 13014

I just got my first HF Rig, a TS-450sat, I wanted to get it hooked up to my computer for computer control and rtty/psk etc...
I understand there used to be a kenwood box that interfaced between the two for serial connections right? But now there are USB Cables? Do the USB cables completely eliminate the need for the line leveler? I see a bunch of the USB Cat control cables on eBay but they all seem to be shipping from China and I won't want to wait until March to set this up. Are there any american suppliers or how hard it is to make the cable yourself?

Secondly, does this cable do the audio as well? Or do i need a second cable for that to do the psk and such?

Thanks for the help!

13015. Re: [TS-850_450_690] Kenwood TS-850s stopped transmitting

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 18:48:59 UTC
From: michael
Topic: 13012 Message: 13015

Jim,Hi,
I had a crack in my glass diode and had to change it out...
with something like this
Kenwood TS-850S etc, DSA-301LA Gas Discharge Surge Arrestor Replacement
| |
| | | | | | | |
| Kenwood TS-850S etc, DSA-301LA Gas Discharge Surge ...US $14.61 New in Consumer Electronics, Radio Communication, Ham, Amateur Radio |
| |
| View on www.ebay.com | Preview by Yahoo |
| |
| |

  See if yours is cloudy...
Good luck,N2KNW
From: "usafaftdoc@sbcglobal.net [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 4, 2015 12:11 PM
Subject: [TS-850_450_690] Kenwood TS-850s stopped transmitting

Hello all, Thank you for allowing me to be part of your group. I have a 2nd hand Kenwood TS-850s which has functioned very well for 2 years. About a year ago, I modified it to open all frequencies by moving a diode from D11 to D9 and it has worked very well for over a year. (I know, I only transmit on frequencies that I am allowed to transmit on by my license, but it's interesting to listen to other fequencies.) About a week ago, I turned it on and a series of clicks were heard in the right back side and now I cannot hear anything. The antenna, a dipole, is fine. It has an internal antenna tuner, which also works fine. I have removed the mic, used another one, no change. The transmit light now has a very soft, barely perceptable glow that was not there before. When I push the PTT button, the transmit light becomes bright as it normally does. When I do hit the PTT button, then I hear sound through the headphones or speakers, which I have not heard before. I did look at the circuit board, and cannot see anything burned out or loose. It seems as if it is stuck in some kind of weak transmit mode or something. I can give more information if necessary, but that's the gist of it. Thank you for reading. Jim BreedloveKJ6VMG Thank you for reading

13016. Re: [TS-850_450_690] Quick CAT Control Question for my "new" Ts-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 23:04:14 UTC
From: John Kuklewicz
Topic: 13014 Message: 13016

I got a cable/interface unit from G4ZLP's site for my TS-850.
Works well

ref: (http://www.g4zlp.co.uk/unified/KenwoodCAT.shtml)
USB to your computer (maps to a COM port), Cable supplied for the ACC connector.

Integrates well with Writelog. But, should work with most everything.

73
John N7ZN

On 2/4/2015 11:55 AM, knotquiteawake@... [TS-850_450_690] wrote:

I just got my first HF Rig, a TS-450sat, I wanted to get it hooked up to my computer for computer control and rtty/psk etc...

I understand there used to be a kenwood box that interfaced between the two for serial connections right? But now there are USB Cables? Do the USB cables completely eliminate the need for the line leveler? I see a bunch of the USB Cat control cables on eBay but they all seem to be shipping from China and I won't want to wait until March to set this up. Are there any american suppliers or how hard it is to make the cable yourself?

Secondly, does this cable do the audio as well? Or do i need a second cable for that to do the psk and such?

Thanks for the help!

13017. Re: [TS-850_450_690] Quick CAT Control Question for my "new" Ts-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 21:51:37 UTC
From: Steven KA9MOT
Topic: 13014 Message: 13017

I'd address this properly, if you'd have left your name and call at the bottom of your message..... Nice to know what to call another person beside OM.

Hello OM,

The USB cables will work and are less bulky than the IF-232 Interface. I have 2 of the interfaces and one of the cables. If you buy the cable, make sure you get one with an FTDI Chip. Most have counterfeit Prolific chips in them and Windows doesn't like them, Insist on FTDI.

73,
Steve KA9MOT

On Wed, Feb 4, 2015 at 1:55 PM, knotquiteawake@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I just got my first HF Rig, a TS-450sat, I wanted to get it hooked up to
> my computer for computer control and rtty/psk etc...
>
> I understand there used to be a kenwood box that interfaced between the
> two for serial connections right? But now there are USB Cables? Do the USB
> cables completely eliminate the need for the line leveler? I see a bunch
> of the USB Cat control cables on eBay but they all seem to be shipping from
> China and I won't want to wait until March to set this up. Are there any
> american suppliers or how hard it is to make the cable yourself?
>
>
> Secondly, does this cable do the audio as well? Or do i need a second
> cable for that to do the psk and such?

>
>
> Thanks for the help!
>
>
>

13018. Re: [TS-850_450_690] Quick CAT Control Question for my "new" Ts-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-04 23:52:35 UTC
From: Jason
Topic: 13014 Message: 13018

Odd. I thought i setup my display name when I joined the group to show W6WGF as my display name. Didn't realize that wasn't working. Sorry to cause you discomfort in addressing me as OM there.

I will look for the ftdi chips. Do the ads normally specify this?. So then does this USB cable also handle the audio for digital modes?

Thanks for the information.
Jason
W6WGF
On Feb 4, 2015 5:21 PM, "Steven KA9MOT ka9mot@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I'd address this properly, if you'd have left your name and call at the
> bottom of your message..... Nice to know what to call another person beside
> OM.
>
> Hello OM,
>
> The USB cables will work and are less bulky than the IF-232 Interface. I
> have 2 of the interfaces and one of the cables. If you buy the cable, make
> sure you get one with an FTDI Chip. Most have counterfeit Prolific chips in
> them and Windows doesn't like them, Insist on FTDI.
>
> 73,
> Steve KA9MOT
>
> On Wed, Feb 4, 2015 at 1:55 PM, knotquiteawake@... [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I just got my first HF Rig, a TS-450sat, I wanted to get it hooked up to
>> my computer for computer control and rtty/psk etc...
>>
>> I understand there used to be a kenwood box that interfaced between the
>> two for serial connections right? But now there are USB Cables? Do the USB
>> cables completely eliminate the need for the line leveler? I see a bunch
>> of the USB Cat control cables on eBay but they all seem to be shipping from
>> China and I won't want to wait until March to set this up. Are there any
>> american suppliers or how hard it is to make the cable yourself?
>>

>>
>> Secondly, does this cable do the audio as well? Or do i need a second
>> cable for that to do the psk and such?
>>
>>
>> Thanks for the help!
>>
>>
>
>

13019. Re: [TS-850_450_690] Quick CAT Control Question for my "new" Ts-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-05 00:32:20 UTC
From: Steven KA9MOT
Topic: 13014 Message: 13019

Hi Jason,

No discomfort, I just prefer to address people by name. :)

Audio? No, you'll need separate cables/interface for that.
Here is a great place to start for rig control:
http://www.ebay.com/itm/FTDI-USB-Remote-Control-CI-Program-Cable-Kenwood-TS-690-TS-790-TS-850-TS-850SAT-/161357479853?pt=LH_DefaultDomain_0&hash=item2591a7bfad

73,
Steve KA9MOT

On Wed, Feb 4, 2015 at 5:52 PM, Jason knotquiteawake@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Odd. I thought i setup my display name when I joined the group to show
> W6WGF as my display name. Didn't realize that wasn't working. Sorry to
> cause you discomfort in addressing me as OM there.
>
> I will look for the ftdi chips. Do the ads normally specify this?. So then
> does this USB cable also handle the audio for digital modes?
>
> Thanks for the information.
> Jason
> W6WGF
> On Feb 4, 2015 5:21 PM, "Steven KA9MOT ka9mot@... [TS-850_450_690]"
> <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I'd address this properly, if you'd have left your name and call at the
>> bottom of your message..... Nice to know what to call another person beside
>> OM.
>>
>> Hello OM,
>>
>> The USB cables will work and are less bulky than the IF-232 Interface. I
>> have 2 of the interfaces and one of the cables. If you buy the cable, make
>> sure you get one with an FTDI Chip. Most have counterfeit Prolific chips in
>> them and Windows doesn't like them, Insist on FTDI.
>>
>> 73,
>> Steve KA9MOT

>>
>> On Wed, Feb 4, 2015 at 1:55 PM, knotquiteawake@...
>> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>
>>>
>>>
>>> I just got my first HF Rig, a TS-450sat, I wanted to get it hooked up to
>>> my computer for computer control and rtty/psk etc...
>>>
>>> I understand there used to be a kenwood box that interfaced between the
>>> two for serial connections right? But now there are USB Cables? Do the USB
>>> cables completely eliminate the need for the line leveler? I see a bunch
>>> of the USB Cat control cables on eBay but they all seem to be shipping from
>>> China and I won't want to wait until March to set this up. Are there any
>>> american suppliers or how hard it is to make the cable yourself?
>>>
>>>
>>> Secondly, does this cable do the audio as well? Or do i need a second
>>> cable for that to do the psk and such?
>>>
>>>
>>> Thanks for the help!
>>>
>>>
>>
>

13020. Re: Quick CAT Control Question for my "new" Ts-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-05 03:09:39 UTC
From: dmueller421@...
Topic: 13014 Message: 13020

Very few ads will advertise who makes the USB interface chip. Unfortunately, FTDI has come under some bad light recently. Many of the very low cost (usually ebay) USB devices have counterfeit FTDI chips, right down to the laser etched logo. FTDI decided to do something about it and on a Windows Update in October, they changed their driver to change part of the eprom on the chip, rendering the counterfeit chips useless.

Of course, everyone jumped on FTDI for "breaking" their devices with the counterfeit chips. I believe FTDI has since changed the driver so that it will not work with the counterfeits, but also will not alter them.

I still recommend FTDI chips over Prolific, they've been having counterfeit problems for years, and as someone else stated, the real drivers don't always work.

The original Kenwood interfaces (IF-10 series?) were TTL (radio) to RS232 (computer) converters. There are several designs on the web using MAX232 chips (and others). QST had an article in '93 or so, I built up a few PCBs for the local hams. But these days, most computers don't have RS232 so you need a USB converter anyways. May as well get it all in one box if you can.

All this gets you is computer control of the rig parameters (VFO, frequency, mode etc). Actually sending/receiving anything (data, CW...) requires a separate interface, either sound card or a single transistor or two for keying.

Interfacing to your sound card is easier than most people make it. Look for K9YC's interfacing paper. It all comes down to grounding all of your stuff together, and a simple resistive divider on the audio leads. You need a second COM port or real LPT port for PTT and CW control, most modern software can't use the same port that's controlling the rig.

Good luck and enjoy the great radio (and replace C104 if it hasn't been done already).
Dave AA3EE

13021. TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-10 21:45:36 UTC
From: viragoxv@...
Topic: 13021 Message: 13021

I was using my 850S this morning as usual, and deciding to do some PSK. After several contacts on 20M, my radio stuck in transmit mode, and I've been unable to get it unstuck. I've tried disconnecting everything, powering down, letting it sit, etc., but it still is in transmit mode when I power up.

Any thoughts?

Thanks! Mike, N3QIG

13022. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-10 22:25:24 UTC
From: Bob Naylor
Topic: 13021 Message: 13022

I've accidentally knocked/pushed the "transmit" button, near the power switch. Looks like you covered everything else.Bob WE6C

From: "viragoxv@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 10, 2015 1:45 PM
Subject: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

  I was using my 850S this morning as usual, anddeciding to do some PSK. After several contacts on 20M, my radio stuck intransmit mode, and I’ve been unable to get it unstuck. I’ve trieddisconnecting everything, powering down, letting it sit, etc., but it still isin transmit mode when I power up.
Any thoughts?
Thanks! Mike, N3QIG

13023. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-10 22:30:07 UTC
From: John Kramer
Topic: 13021 Message: 13023

Have you perhaps pushed the REC/SEND button on the left side by mistake ?
Push it so that it comes out and goes back to RX mode

73
John

On 10 Feb 2015, at 11:45 PM, viragoxv@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

I was using my 850S this morning as usual, and deciding to do some PSK. After several contacts on 20M, my radio stuck in transmit mode, and I've been unable to get it unstuck. I've tried disconnecting everything, powering down, letting it sit, etc., but it still is in transmit mode when I power up.

Any thoughts?

Thanks! Mike, N3QIG

13024. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-10 22:35:08 UTC
From: viragoxv@...
Topic: 13021 Message: 13024

Yea, I thought of that too. Not the problem, but thanks anyway!

13025. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-10 22:36:05 UTC
From: viragoxv@...
Topic: 13021 Message: 13025

Yea, thought of that already.... But thanks!

13026. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-10 22:57:27 UTC
From: Bob Naylor
Topic: 13021 Message: 13026

Long shot, is there another transmitter/antenna nearby locking it up?Bob WE6C
From: "viragoxv@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 10, 2015 1:45 PM
Subject: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

  I was using my 850S this morning as usual, anddeciding to do some PSK. After several contacts on 20M, my radio stuck intransmit mode, and I’ve been unable to get it unstuck. I’ve trieddisconnecting everything, powering down, letting it sit, etc., but it still isin transmit mode when I power up.
Any thoughts?
Thanks! Mike, N3QIG

13028. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 03:00:28 UTC
From: Tom Osborne
Topic: 13021 Message: 13028

Have you disconnected the mic to make sure the PTT isn't engaged? 73
Tom W7WHY

On 2/10/2015 2:36 PM, viragoxv@... [TS-850_450_690] wrote:
>
> Yea, thought of that already.... But thanks!
>

13029. Re: [TS-850_450_690] for sale Ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 03:02:23 UTC
From: Tom Osborne
Topic: 13027 Message: 13029

Guess that is a CB setup. Radio is set on CB channel, which is illegal.

On 2/10/2015 2:48 PM, djbay63@... [TS-850_450_690] wrote:
>
> go here to see Kenwood ts-450s hole setup 160m to 10m
> <http://erie.craigslist.org/ele/4885842613.html>
>
>
>
>
> image <http://erie.craigslist.org/ele/4885842613.html>
>
>
> Kenwood ts-450s hole setup 160m to 10m
> <http://erie.craigslist.org/ele/4885842613.html>
> I am getting out of radio selling Kenwood ts-450s and pyramid ps-52kx
> power supply with a Kenwood sp-23 speaker and a dosy meter and a yaesu
> ys-60 meter ...
>
> View on erie.craigslist.org
> <http://erie.craigslist.org/ele/4885842613.html>
>
> Preview by Yahoo
>
>

13030. Re: [TS-850_450_690] for sale Ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 03:51:58 UTC
From: ka9mot@...
Topic: 13027 Message: 13030

I was going to say anything because it is perfectly legal to listen to CB on your rig.....not sure why you'd want to, but for the sake of argument. I was gonna comment on the 3 "pill" 500 Watt non working amp, but then again.......

I decided to go ahead and comment about the Outlaw CBer after watching the video of his QSO with Germany on 27.385......

Just another black eye for radio operators everywhere. Who'd pay $1,000 for that junk anyway? Waste of a fine rig....

13031. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 14:22:23 UTC
From: John tf
Topic: 13021 Message: 13031

And a transmit button on the upper left of rig .
I have bumped that several times , the 1st time took a while to figure out that , I only use for tuning .

John
KD0CAC

On Tue, Feb 10, 2015 at 9:00 PM, Tom Osborne w7why@frontier.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Have you disconnected the mic to make sure the PTT isn't engaged? 73
> Tom W7WHY
>
> On 2/10/2015 2:36 PM, viragoxv@... [TS-850_450_690] wrote:
> >
> > Yea, thought of that already.... But thanks!
> >
>
>
>

13032. Re: [TS-850_450_690] for sale Ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 22:56:10 UTC
From: Tom Osborne
Topic: 13027 Message: 13032

Yes - listening is fine, but I'm sure the picture was to show that it would transmit on the CB frequencies. If I wanted to sell my TS-450, I sure wouldn't park it on 27 megs. I also noticed the 'pill' notification. Wasn't sure what them meant until I saw the frequency :-) 73
Tom W7WHY

On 2/10/2015 7:51 PM, ka9mot@... [TS-850_450_690] wrote:
>
> I was going to say anything because it is perfectly legal to listen to
> CB on your rig.....not sure why you'd want to, but for the sake of
> argument.
>
> I was gonna comment on the 3 "pill" 500 Watt non working amp, but then
> again.......
>
> I decided to go ahead and comment about the Outlaw CBer after watching
> the video of his QSO with Germany on 27.385......
>
> Just another black eye for radio operators everywhere. Who'd pay
> $1,000 for that junk anyway? Waste of a fine rig....
>
> ---
> Posted by: ka9mot@...

13033. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 13:49:14 UTC
From: viragoxv@...
Topic: 13021 Message: 13033

Yes....I did check that, but resolved the problem...I think....per my other port.

13034. Re: TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 13:52:51 UTC
From: viragoxv@...
Topic: 13021 Message: 13034

Guys, thank you so much for all your suggestions!

I did a A=B + Power reset and it cured the problem, but I still plan on sending the radio to AAVid (Clif) just to have it looked at, and some other issues taken care of.

Thanks again everyone! Mike, N3QIG

13035. Re: TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 17:13:26 UTC
From: James Craft
Topic: 13021 Message: 13035

This has happened to me before. The radio needs to receive a command to release PTT from the computer. You can open the software again and click PTT again, which should send a command to the radio to stop transmitting. May take a few seconds for the serial port on the computer to respond, especially using a USB converter.

Sent from my iPhone

13036. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 22:40:05 UTC
From: <jtjc810@...>
Topic: 13021 Message: 13036

There is a fix for this on the web...requires replacing a SM transistor...don't know the exact link but I fixed it myself a few years ago.

GL Joe WR2B

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 10, 2015 5:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Long shot, is there another transmitter/antenna nearby locking it up?
Bob WE6C

From: "viragoxv@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 10, 2015 1:45 PM

Subject: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

I was using my 850S this morning as usual, and deciding to do some PSK. After several contacts on 20M, my radio stuck in transmit mode, and I've been unable to get it unstuck. I've tried disconnecting everything, powering down, letting it sit, etc., but it still is in transmit mode when I power up.

Any thoughts?

Thanks! Mike, N3QIG

13037. Re: [TS-850_450_690] for sale Ts-450s

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 23:56:20 UTC
From: Steven KA9MOT
Topic: 13027 Message: 13037

Yes, if you watch the video in the ad you'll clearly see thinks he has a CB......

Steve KA9MOT

On Wed, Feb 11, 2015 at 4:56 PM, Tom Osborne w7why@frontier.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Yes - listening is fine, but I'm sure the picture was to show that it
> would transmit on the CB frequencies. If I wanted to sell my TS-450, I
> sure wouldn't park it on 27 megs. I also noticed the 'pill'
> notification. Wasn't sure what them meant until I saw the frequency :-) 73
> Tom W7WHY
>
> On 2/10/2015 7:51 PM, ka9mot@... [TS-850_450_690] wrote:
> >
> > I was going to say anything because it is perfectly legal to listen to
> > CB on your rig.....not sure why you'd want to, but for the sake of
> > argument.
> >
> > I was gonna comment on the 3 "pill" 500 Watt non working amp, but then
> > again.......
> >
> > I decided to go ahead and comment about the Outlaw CBer after watching
> > the video of his QSO with Germany on 27.385......
> >
> > Just another black eye for radio operators everywhere. Who'd pay
> > $1,000 for that junk anyway? Waste of a fine rig....
> >
> > --
> > Posted by: ka9mot@...
>
>
>

13038. Re: [TS-850_450_690] TS-850S Stuck In Transmit Mode???

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-11 13:50:33 UTC
From: viragoxv@...
Topic: 13021 Message: 13038

No, but thanks...see my other post for latest...

13039. MC-60A used with a TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-15 22:40:27 UTC
From: rzacharkow@...
Topic: 13039 Message: 13039

Have a mc-60a mic, and is there any benefit to using the mic's preamp on a ts-450?

Thanks in advance.

Rick de N1NIJ

13040. Moderator delay explanation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-16 01:57:21 UTC
From: ronpotter@...
Topic: 13040 Message: 13040

As far as I know I am the only moderator around right now. I have been unable to reach the list owner, Jon KD5SFA, who is supposed to be my backup. I am dealing with several family health issues that will have me away from email for several days at a time so unable to approve any membership or message requests until my return. This will probably be the case for some time. I appreciate your patience during this time.

If anyone knows Jon, would appreciate knowing if he is OK. I have not heard from him in some time.

73 - Ron - AG1P

13041. Re: [TS-850_450_690] Moderator delay explanation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-16 02:25:08 UTC
From: Steven KA9MOT
Topic: 13040 Message: 13041

Ron,
If you need some help, have the desire and the ability to do so, I can help with Moderator duties. I am moderator on another Yahoo group, so I am

familiar with how the system works.

Steve KA9MOT
On Feb 15, 2015 7:57 PM, "ronpotter@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

>
>
> As far as I know I am the only moderator around right now. I have been
> unable to reach the list owner, Jon KD5SFA, who is supposed to be my
> backup. I am dealing with several family health issues that will have me
> away from email for several days at a time so unable to approve any
> membership or message requests until my return. This will probably be the
> case for some time. I appreciate your patience during this time.
>
> If anyone knows Jon, would appreciate knowing if he is OK. I have not
> heard from him in some time.
>
> 73 - Ron - AG1P
>
>
>
>

13042. Re: [TS-850_450_690] MC-60A used with a TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-16 03:05:25 UTC
From: Phil
Topic: 13039 Message: 13042

Rick,
After I was given a MC-60A to go with my 450SAT, I asked the same question. Especially as I had to replace the corroded battery box (no other damage). I didn't get a definitive answer, so here is my 'opinion'.

In theory, probably not as the basic mic has plenty of output to drive the radio directly. However, actual on-air tests have shown some improvement in 'punch' without over-driving the radio. I DON'T use the processor, and don't "swallow" the mic. On-air audio reports I've received also says it sounds a bit more "robust" without over-driving.

Best thing you can do is put it on the air and experiment, preferably with somebody on the other end who knows your voice.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 2/15/2015 10:40 PM, rzacharkow@... [TS-850_450_690] wrote:
>
> Have a mc-60a mic, and is there any benefit to using the mic's preamp
> on a ts-450?
>
>
> Thanks in advance.
>
>
> Rick de N1NIJ
>

13043. Re: [TS-850_450_690] Moderator delay explanation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-16 15:49:12 UTC
From: Federico Batarse
Topic: 13040 Message: 13043

thank you.. Jon... this is frederick.. xe2nlm... i am the proud owner of a TS-850-at... and a friend of mine tell me about the posibility to conect an accesory.. usb spectrum analizer.. to monitor de RF bandwith on the band.. it seems to be perfect... (nothing like the original PAM SPECTRUM ANALIZER).. BUT it seems to be a good idea..

my kind regards to everyone...
frederick
xe2nlm

------ Original Message ------
Received: 07:58 PM CST, 02/15/2015
From: "ronpotter@... [TS-850_450_690]"
To:
Subject: [TS-850_450_690] Moderator delay explanation

As far as I know I am the only moderator around right now.? I have been unable to reach the list owner, Jon KD5SFA, who is supposed to be my backup.? I am dealing with several family health issues that will have me away from email for several days at a time so unable to approve any membership or message requests until my return. This will probably be the case for some time. I appreciate your patience during this time.

If anyone knows Jon, would appreciate knowing if he is OK.? I have not heard from him in some time.

73 - Ron - AG1P

13044. Re: [TS-850_450_690] MC-60A used with a TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-16 17:41:55 UTC
From: Bob Naylor
Topic: 13039 Message: 13044

I agree with Phil. No amount of electronic test equipment can duplicate what the human ear hears. Working with audio whether or not it's a radio, tape deck, or ? audio can be changed beyond what test equipment can read.
Last time I got a "new to me" mic, I got on the air with a friend and did some tests. Like Phil said, he knew my voice.
I would say keep the ALC meter within range and get on the air.
73, Bob WE6C
From: "Phil ko6bb1@gmail.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 15, 2015 7:05 PM
Subject: Re: [TS-850_450_690] MC-60A used with a TS-450sat

  Rick,
After I was given a MC-60A to go with my 450SAT, I asked the same question. Especially as I had to replace the corroded battery box (no other damage). I didn't get a definitive answer, so here is my 'opinion'.

In theory, probably not as the basic mic has plenty of output to drive the radio directly. However, actual on-air tests have shown some improvement in 'punch' without over-driving the radio. I DON'T use the processor, and don't "swallow" the mic. On-air audio reports I've received also says it sounds a bit more "robust" without over-driving.

Best thing you can do is put it on the air and experiment, preferably with somebody on the other end who knows your voice.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 2/15/2015 10:40 PM, rzacharkow@... [TS-850_450_690] wrote:
>
> Have a mc-60a mic, and is there any benefit to using the mic's preamp
> on a ts-450?
>
>
> Thanks in advance.
>
>
> Rick de N1NIJ
>

13045. Re: [TS-850_450_690] MC-60A used with a TS-450sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-16 19:04:52 UTC
From: myyahoo@...
Topic: 13039 Message: 13045

Agreed. With voices and ears and radio, providing the most accurate reproduction of the original doesn't always ensure the best ability to get the communication through, nor to be the most pleasing to listen to. Right from the start, our radios are purposely limited in audio bandwidth to keep RF bandwidth down, so as long as your communications are getting through, and the people at the receiving end prefer to hear you with whatever mike/equalisation/speech processing you use - you're doing it right. :-)

- Richard, VE7CVS

13046. TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-17 12:23:06 UTC
From: locoken77@...
Topic: 856 Message: 13046

I have a Kenwood TS-850S. On 80 Meters SSB I get 100 watts output into a dummy load, So I know the radio is capable of full power. However, On other bands the power is less. It only makes 30 watts on 160 meters, and 45 watts on 10 meters, 55 watts on 15 meters. All with the internal antenna tuner turned off, power and carrier turned all the way up. The dummy load is flat on all bands. Power is low on the antennas too. I run a fan dipole made for 20m, 40m, and 80m.I allso have low swr under 1.5 on 15m on that antenna as well. I allso have an Antron 99 for 10 m. I have the service manual. Last night I was testing the radio further and noticed that it makes a little more power cold than it does after it warms up. After it runs for an hour or so the power drops about 10% on all bands. The power supply is holding voltage very well during transmit.

I need to know how to balance the power out between all bands. And have some idea what would make it loose power as it warms up.

13047. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-17 18:04:02 UTC
From: Tom Osborne
Topic: 856 Message: 13047

Is the fan running? 73
Tom W7WHY

On 2/17/2015 4:23 AM, locoken77@... [TS-850_450_690] wrote:
>
>
> I have a Kenwood TS-850S. On 80 Meters SSB I get 100 watts output
> into a dummy load, So I know the radio is capable of full power.
> However, On other bands the power is less. It only makes 30 watts on
> 160 meters, and 45 watts on 10 meters, 55 watts on 15 meters. All with
> the internal antenna tuner turned off, power and carrier turned all
> the way up. The dummy load is flat on all bands. Power is low on the
> antennas too. I run a fan dipole made for 20m, 40m, and 80m.I allso
> have low swr under 1.5 on 15m on that antenna as well. I allso have an
> Antron 99 for 10 m. I have the service manual. Last night I was
> testing the radio further and noticed that it makes a little more
> power cold than it does after it warms up. After it runs for an hour
> or so the power drops about 10% on all bands. The power supply is
> holding voltage very well during transmit.
>
> I need to know how to balance the power out between all bands. And
> have some idea what would make it loose power as it warms up.
>

13048. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-17 16:36:07 UTC
From: Steven KA9MOT
Topic: 856 Message: 13048

From (Thanks N6TR):
http://www.kkn.net/n6tr/850repair.html#Reduced_receiver_sensitivity_and_transm
A most helpful page!

Reduced receiver sensitivity and transmitter output as you increase
frequency (N6TR)

This is the typical symptom from the most common component failure I have
heard of in the 850. The cause is that some of the band pass filters on the
RF board are always enabled by the 74LS145 decoder chip. You can verify
this by using a voltmeter and seeing if one of the outputs from the chip is
always "low" (near zero volts).

I would suggest putting a socket down on the board for this IC - so if it
ever fails again, you can replace the part quickly. This will require
removing the RF board (which is the one underneath the radio with the shiny
shield on it). The IC is under this shield.

I have received a comment that Kenwood often replaces a MI303 diode when
replacing this chip (thanks K5TSQ). There is mention of a modification on
the Kenwood site that might also help eliminate this failure. Check out the
service bulletin for more information.

I believe this failure might be a result of a high RF voltage being
presented on the receiver input. I do think one or two of the failures I
have seen might have been caused by transmitting with full power with a
different radio with antennas that were close. It has also been suggested
the 47K ohm DC input resistance of the receiver could easily allow nearby
lightening hits to produce a high voltage.

Steve KA9MOT

On Tue, Feb 17, 2015 at 6:23 AM, locoken77@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
>
> I have a Kenwood TS-850S. On 80 Meters SSB I get 100 watts output into a
> dummy load, So I know the radio is capable of full power. However, On other
> bands the power is less. It only makes 30 watts on 160 meters, and 45 watts
> on 10 meters, 55 watts on 15 meters. All with the internal antenna tuner
> turned off, power and carrier turned all the way up. The dummy load is
> flat on all bands. Power is low on the antennas too. I run a fan dipole
> made for 20m, 40m, and 80m.I allso have low swr under 1.5 on 15m on that
> antenna as well. I allso have an Antron 99 for 10 m. I have the service
> manual. Last night I was testing the radio further and noticed that it

> makes a little more power cold than it does after it warms up. After it
> runs for an hour or so the power drops about 10% on all bands. The power
> supply is holding voltage very well during transmit.
>
> I need to know how to balance the power out between all bands. And have
> some idea what would make it loose power as it warms up.
>
>
>
>

13049. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-18 15:11:33 UTC
From: Tom Jones
Topic: 856 Message: 13049

Also check the voltages on IC 1 of the BPF on the RF unit may be a shorted diode.
Tom N8NMA

Sent from my iPhone

> On Feb 17, 2015, at 11:36 AM, "Steven KA9MOT ka9mot@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
>
> From (Thanks N6TR):
http://www.kkn.net/n6tr/850repair.html#Reduced_receiver_sensitivity_and_transm A most helpful page!
>
> Reduced receiver sensitivity and transmitter output as you increase frequency (N6TR)
>
> This is the typical symptom from the most common component failure I have heard of in the 850. The cause is that some of the band pass filters on the RF board are always enabled by the 74LS145 decoder chip. You can verify this by using a voltmeter and seeing if one of the outputs from the chip is always "low" (near zero volts).
>
> I would suggest putting a socket down on the board for this IC - so if it ever fails again, you can replace the part quickly. This will require removing the RF board (which is the one underneath the radio with the shiny shield on it). The IC is under this shield.
>
> I have received a comment that Kenwood often replaces a MI303 diode when replacing this chip (thanks K5TSQ). There is mention of a modification on the Kenwood site that might also help eliminate this failure. Check out the service bulletin for more information.
>
> I believe this failure might be a result of a high RF voltage being presented on the receiver input. I do think one or two of the failures I have seen might have been caused by transmitting with full power with a different radio with antennas that were close. It has also been suggested the 47K ohm DC input resistance of the receiver could easily allow nearby lightening hits to produce a high voltage.
>
> Steve KA9MOT
>
>> On Tue, Feb 17, 2015 at 6:23 AM, locoken77@yahoo.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>
>>
>>
>> I have a Kenwood TS-850S. On 80 Meters SSB I get 100 watts output into a dummy load, So I know the radio is capable of full power. However, On other bands the power is less. It only makes 30 watts on 160 meters, and 45 watts on 10 meters, 55 watts on 15 meters. All with the internal antenna tuner turned off, power and carrier turned all the way up. The dummy load is flat on all bands. Power is low on the antennas too. I run a fan dipole made

for 20m, 40m, and 80m.I allso have low swr under 1.5 on 15m on that antenna as well. I allso have an Antron 99 for 10 m. I have the service manual. Last night I was testing the radio further and noticed that it makes a little more power cold than it does after it warms up. After it runs for an hour or so the power drops about 10% on all bands. The power supply is holding voltage very well during transmit.
>> I need to know how to balance the power out between all bands. And have some idea what would make it loose power as it warms up.
>
>

13050. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-18 06:53:24 UTC
From: Ken S
Topic: 856 Message: 13050

Yes the fan is running.

On Tuesday, February 17, 2015 12:04 PM, "Tom Osborne w7why@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  Is the fan running? 73
Tom W7WHY

On 2/17/2015 4:23 AM, locoken77@... [TS-850_450_690] wrote:
>
>
> I have a Kenwood TS-850S. On 80 Meters SSB I get 100 watts output
> into a dummy load, So I know the radio is capable of full power.
> However, On other bands the power is less. It only makes 30 watts on
> 160 meters, and 45 watts on 10 meters, 55 watts on 15 meters. All with
> the internal antenna tuner turned off, power and carrier turned all
> the way up. The dummy load is flat on all bands. Power is low on the
> antennas too. I run a fan dipole made for 20m, 40m, and 80m.I allso
> have low swr under 1.5 on 15m on that antenna as well. I allso have an
> Antron 99 for 10 m. I have the service manual. Last night I was
> testing the radio further and noticed that it makes a little more
> power cold than it does after it warms up. After it runs for an hour
> or so the power drops about 10% on all bands. The power supply is
> holding voltage very well during transmit.
>
> I need to know how to balance the power out between all bands. And
> have some idea what would make it loose power as it warms up.
>

13051. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-18 16:25:05 UTC
From: Bob Naylor
Topic: 856 Message: 13051

Try a ten second experiment, into the dummy load, tune the internal auto tuner and see what you get. If now you get full power, hmmmmBob WE6C
From: "Tom Jones n8nma@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, February 18, 2015 7:11 AM
Subject: Re: [TS-850_450_690] TS-850S

  Also check the voltages on IC 1 of the BPF on the RF unit may be a shorted diode.Tom N8NMA

Sent from my iPhone

On Feb 17, 2015, at 11:36 AM, "Steven KA9MOT ka9mot@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  From (Thanks N6TR): http://www.kkn.net/n6tr/850repair.html#Reduced_receiver_sensitivity_and_transm A most helpful page!
Reduced receiver sensitivity and transmitter output as you increase frequency (N6TR)
This is the typical symptom from the most common component failure I have heard of in the 850. The cause is that some of the band pass filters on the RF board are always enabled by the 74LS145 decoder chip. You can verify this by using a voltmeter and seeing if one of the outputs from the chip is always "low" (near zero volts).
I would suggest putting a socket down on the board for this IC - so if it ever fails again, you can replace the part quickly. This will require removing the RF board (which is the one underneath the radio with the shiny shield on it). The IC is under this shield.
I have received a comment that Kenwood often replaces a MI303 diode when replacing this chip (thanks K5TSQ). There is mention of a modification on the Kenwood site that might also help eliminate this failure. Check out the service bulletin for more information.
I believe this failure might be a result of a high RF voltage being presented on the receiver input. I do think one or two of the failures I have seen might have been caused by transmitting with full power with a different radio with antennas that were close. It has also been suggested the 47K ohm DC input resistance of the receiver could easily allow nearby lightening hits to produce a high voltage.
Steve KA9MOT
On Tue, Feb 17, 2015 at 6:23 AM, locoken77@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  I have a Kenwood TS-850S. On 80Meters SSB I get 100 watts output into a dummy load, So I know theradio is capable of full power. However, On other bands the power isless. It only makes 30 watts on 160 meters, and 45 watts on 10meters, 55 watts on 15 meters. All with the internal antenna tunerturned off, power and carrier turned all the way up. Thedummy load is flat on all bands. Power is low on the antennas too. Irun a fan dipole made for 20m, 40m, and 80m.I allso have low swrunder 1.5 on 15m on that antenna as well. I allso have an Antron 99for 10 m. I have the service manual. Last night I was testing theradio further and noticed that it makes a little more power cold thanit does after it warms up. After it runs

for an hour or so the powerdrops about 10% on all bands. The power supply is holding voltagevery well during transmit. I need to know how to balance the power out betweenall bands. And have some idea what would make it loose power as itwarms up.

13052. Kenwood DRU-2 Operating instructions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-23 05:49:36 UTC
From: ka9mot@...
Topic: 13052 Message: 13052

I just installed the DRU-2 into my TS-850. Anybody have a copy of the Operating instructions they'd like to share, so that I could use it? Google has failed me so far.....

Thank in advance,
Steve KA9MOT

13053. RE: [TS-850_450_690] Kenwood DRU-2 Operating instructions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-23 17:10:16 UTC
From: k4pdm
Topic: 13052 Message: 13053

Aren't the instructions in the 850 manual? 73 Paul K4PDM Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone
-------- Original message --------
From: "ka9mot@gmail.com [TS-850_450_690]"
Date:02/23/2015 12:49 AM (GMT-05:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood DRU-2 Operating instructions

I just installed the DRU-2 into my TS-850. Anybody have a copy of the Operating instructions they'd like to share, so that I could use it? Google has failed me so far..... Thank in advance, Steve KA9MOT

13054. Re: [TS-850_450_690] Kenwood DRU-2 Operating instructions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-23 20:17:00 UTC
From: Bob Naylor
Topic: 13052 Message: 13054

Push "rec" for #1, 2, or 3, for example, then speak or send CW. As soon as you're finished press "Clear" With "VOX" off, push "play" #1 to verify that it sounds ok. With VOX on, it will transmit.
Hint, when recording, press clear ASAP when you're finished speaking/sending, since that's when the radio will return to receive.
Your mic gain will effect the audio level just as if you were using the mic.
Bob WE6C
From: "ka9mot@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 22, 2015 9:49 PM
Subject: [TS-850_450_690] Kenwood DRU-2 Operating instructions

  I just installed the DRU-2 into my TS-850. Anybody have a copy of the Operating instructions they'd like to share, so that I could use it? Google has failed me so far.....
Thank in advance,Steve KA9MOT

13055. Re: [TS-850_450_690] Kenwood DRU-2 Operating instructions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-23 20:03:50 UTC
From: <jtjc810@...>
Topic: 13052 Message: 13055

I think its in the user manual...

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Monday, February 23, 2015 12:49 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood DRU-2 Operating instructions

I just installed the DRU-2 into my TS-850. Anybody have a copy of the Operating instructions they'd like to share, so that I could use it? Google has failed me so far.....

Thank in advance,

Steve KA9MOT

13056. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-23 22:07:38 UTC
From: Ken S
Topic: 856 Message: 13056

I get the same power output into the dummy load with or without the internal tuner. Also no SWR either way and no reflected power showing. I ran test on 2 known good meters.

On Wednesday, February 18, 2015 10:25 AM, "Bob Naylor wotbob01@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Try a ten second experiment, into the dummy load, tune the internal auto tuner and see what you get. If now you get full power, hmmmmBob WE6C
From: "Tom Jones n8nma@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, February 18, 2015 7:11 AM
Subject: Re: [TS-850_450_690] TS-850S

Also check the voltages on IC 1 of the BPF on the RF unit may be a shorted diode.Tom N8NMA

Sent from my iPhone

On Feb 17, 2015, at 11:36 AM, "Steven KA9MOT ka9mot@gmail.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

From (Thanks N6TR): http://www.kkn.net/n6tr/850repair.html#Reduced_receiver_sensitivity_and_transm A most helpful page!
Reduced receiver sensitivity and transmitter output as you increase frequency (N6TR)
This is the typical symptom from the most common component failure I have heard of in the 850. The cause is that some of the band pass filters on the RF board are always enabled by the 74LS145 decoder chip. You can verify this by using a voltmeter and seeing if one of the outputs from the chip is always "low" (near zero volts).
I would suggest putting a socket down on the board for this IC - so if it ever fails again, you can replace the part quickly. This will require removing the RF board (which is the one underneath the radio with the shiny shield on it). The IC is under this shield.
I have received a comment that Kenwood often replaces a MI303 diode when replacing this chip (thanks K5TSQ). There is mention of a modification on the Kenwood site that might also help eliminate this failure. Check out the service bulletin for more information.
I believe this failure might be a result of a high RF voltage being presented on the receiver input. I do think one or two of the failures I have seen might have been caused by transmitting with full power with a different radio with antennas that were close. It has also been suggested the 47K ohm DC input resistance of the receiver could easily allow nearby lightening hits to produce a high voltage.
Steve KA9MOT
On Tue, Feb 17, 2015 at 6:23 AM, locoken77@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

I have a Kenwood TS-850S. On 80Meters SSB I get 100 watts output into a dummy load, So I know theradio is capable of full power. However, On other bands the power isless. It only makes 30 watts on 160 meters, and 45 watts on 10meters, 55 watts on 15 meters. All with the

internal antenna tunerturned off, power and carrier turned all the way up. Thedummy load is flat on all bands. Power is low on the antennas too. Irun a fan dipole made for 20m, 40m, and 80m.I allso have low swrunder 1.5 on 15m on that antenna as well. I allso have an Antron 99for 10 m. I have the service manual. Last night I was testing theradio further and noticed that it makes a little more power cold thanit does after it warms up. After it runs for an hour or so the powerdrops about 10% on all bands. The power supply is holding voltagevery well during transmit. I need to know how to balance the power out betweenall bands. And have some idea what would make it loose power as itwarms up.

13057. Re: [TS-850_450_690] Kenwood DRU-2 Operating instructions

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-24 11:52:10 UTC
From: ka9mot@...
Topic: 13052 Message: 13057

It is in the TS-850 Operators manual! Thank you everyone! I looked and only found the install instructions, so I spent a little more time this morning and found the operating instructions in the manual.

Thanks again,
Steve KA9MOT

13058. dB Meter on front of TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-26 02:27:52 UTC
From: YAMAHAXS650H@...
Topic: 13058 Message: 13058

Long time HAM. Long time TS450S user.
So what's the purpose for the dB meter (AF Level) on the front of the display.
Nothing in the instructions about its purpose.
Nor in the service manual
Perhaps it has something to do with the digital unit (which I don't have).
Inquiring minds want to know.

Alan, NY2G

13059. Re: [TS-850_450_690] dB Meter on front of TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-26 02:41:33 UTC
From: Tom Osborne
Topic: 13058 Message: 13059

Hi Alan

Are you talking about the S-meter? That is the only one I see on mine
with dB. 73
Tom W7WHY

On 2/25/2015 6:27 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:
>
> Long time HAM. Long time TS450S user.
>
> So what's the purpose for the dB meter (AF Level) on the front of the
> display.
>
> Nothing in the instructions about its purpose.
> Nor in the service manual
> Perhaps it has something to do with the digital unit (which I don't have).
>
> Inquiring minds want to know.
>
> Alan, NY2G
>

13060. Re: [TS-850_450_690] dB Meter on front of TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-26 14:21:54 UTC
From: Crownhaven
Topic: 13058 Message: 13060

Page 15 of the manual states "when the RX M or TX M key is pressed, the
AF level (dB), SWR and ALC values are displayed."

Steve, N4JQQ

On 2/25/2015 8:41 PM, Tom Osborne w7why@... [TS-850_450_690] wrote:
>
> Hi Alan
>
> Are you talking about the S-meter? That is the only one I see on mine
> with dB. 73
> Tom W7WHY
>
> On 2/25/2015 6:27 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:
> >
> > Long time HAM. Long time TS450S user.
> >
> > So what's the purpose for the dB meter (AF Level) on the front of the
> > display.
> >
> > Nothing in the instructions about its purpose.
> > Nor in the service manual
> > Perhaps it has something to do with the digital unit (which I don't
> have).
> >
> > Inquiring minds want to know.
> >
> > Alan, NY2G
> >
>
>

13061. Re: [TS-850_450_690] dB Meter on front of TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-26 05:29:49 UTC
From: N6EV - Paul Carreiro
Topic: 13058 Message: 13061

Alan,
You're inquiring about the TS-450/690's RX Meter function. The RX Meter is turned on and off with the "RX M" or #3 button. Per the manual: "When this key is pressed during reception, the dB display turns on and off. The AF level is displayed on the scale (dB), independent of the AF volume control setting." It's actually one of my favorite and most useful features of these rigs. Here is a copy of a post I made to this list back in 2013 on the topic:

One of the best features of the TS-450/690 that you don't find in other rigs (even it's big brother the TS-850 and subsequent rigs) is the RX Meter. In my informal polling on the air and online, most operators using the TS-450/690 don't understand or don't use this powerful feature. Most may have it engaged, looking at the bar graph LEDs flicker away reflecting received audio level, but do nothing more.

The power of this feature shines when used in combination with the RF Gain adjustment. Once a desired signal is tuned in with desired filtering, with the RX Meter active, back off the RF Gain until the peaks of the receive signal on the RX Meter bar graph just start to come off the 0 dB point. This is that magical sweet spot point where AGC is not backing off the desired signal, resulting in maximum signal to noise. Back off RF Gain further and you start to reduce the desired signal. Back off RF Gain less from this point and you increase noise and AGC starts to cut back the desired signal.

It really is a powerful feature that I wish was incorporated into other rigs. In fact I don't know of another rig that has it. Anyone know of one? I don't know if Kenwood has incorporated it into its latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If they did, I'd be inclined to relegate my TS-690 to backup rig status and upgrade.

I also like to turn on the peak-hold feature that the RX, TX and S-meters have. It's turned on and off via the LSB/USB Power-on Menu, #08 (Section 4.11-15 of the operating manual).

Hope this information help.
73 Paul N6EV
http://www.N6EV.com/

At 06:27 PM 2/25/2015, Alan, NY2G wrote:
>Long time HAM. Long time TS450S user.
>

>So what's the purpose for the dB meter (AF Level) on the front of the display.
>
>Nothing in the instructions about its purpose.
>Nor in the service manual
>Perhaps it has something to do with the digital unit (which I don't have).
>
>Inquiring minds want to know.

13062. Re: dB Meter on front of TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-26 16:57:08 UTC
From: YAMAHAXS650H@...
Topic: 13058 Message: 13062

The "S" meter is the "S" meter.
The "dB" meter is below the WATT meter and below the ALC indicator.

Press the RX M (the number 3) button and the "dB" meter will turn on.

So I guess you don't know what its for....

Alan, NY2G

13063. Re: [TS-850_450_690] dB Meter on front of TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-26 17:15:36 UTC
From: Steve
Topic: 13058 Message: 13063

How do I turn the set meter on. On the ts450. Shows alc I think. Thanks. Steve. kM4la. The manual talks about the 1 key.

Sent from my iPhone

> On Feb 26, 2015, at 12:29 AM, N6EV - Paul Carreiro Paul@N6EV.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> Alan,
> You're inquiring about the TS-450/690's RX Meter function. The RX Meter is turned on and off with the "RX M" or #3 button. Per the manual: "When this key is pressed during reception, the dB display turns on and off. The AF level is displayed on the scale (dB), independent of the AF volume control setting." It's actually one of my favorite and most useful features of these rigs. Here is a copy of a post I made to this list back in 2013 on the topic:
>
> ----------
> One of the best features of the TS-450/690 that you don't find in other rigs (even it's big brother the TS-850 and subsequent rigs) is the RX Meter. In my informal polling on the air and online, most operators using the TS-450/690 don't understand or don't use this powerful feature. Most may have it engaged, looking at the bar graph LEDs flicker away reflecting received audio level, but do nothing more.
>
> The power of this feature shines when used in combination with the RF Gain adjustment. Once a desired signal is tuned in with desired filtering, with the RX Meter active, back off the RF Gain until the peaks of the receive signal on the RX Meter bar graph just start to come off the 0 dB point. This is that magical sweet spot point where AGC is not backing off the desired signal, resulting in maximum signal to noise. Back off RF Gain further and you start to reduce the desired signal. Back off RF Gain less from this point and you increase noise and AGC starts to cut back the desired signal.
>
> It really is a powerful feature that I wish was incorporated into other rigs. In fact I don't know of another rig that has it. Anyone know of one? I don't know if Kenwood has incorporated it into its latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If they did, I'd be inclined to relegate my TS-690 to backup rig status and upgrade.
> ----------
>
> I also like to turn on the peak-hold feature that the RX, TX and S-meters have. It's turned on and off via the LSB/USB Power-on Menu, #08 (Section 4.11-15 of the operating manual).
>
> Hope this information help.
> 73 Paul N6EV
> http://www.N6EV.com/
>

>
>
> At 06:27 PM 2/25/2015, Alan, NY2G wrote:
>> Long time HAM. Long time TS450S user.
>>
>> So what's the purpose for the dB meter (AF Level) on the front of the display.
>>
>> Nothing in the instructions about its purpose.
>> Nor in the service manual
>> Perhaps it has something to do with the digital unit (which I don't have).
>>
>> Inquiring minds want to know.
>
>

13064. THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-27 19:20:09 UTC
From: YAMAHAXS650H@...
Topic: 13064 Message: 13064

Steve, that is obvious. I read that in the manual. But the manual doesn't explain what the dB meter is used for. See CORRECT AND BEST ANSWER BELOW:

THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

PS to Paul: I've always backed off the RF GAIN control since 1984 on my tube receivers while on CW and SSB. It's the way to do it! (I just never tied the dB meter to the RF GAIN control on my TS450S!) HAMS know this, appliance operators have no clue! (That is the proper use of RF GAIN control.) It's like transmitting at maximum power (and turning on the linear (because you like to see your lights flicker) even if you are talking to your friend across town. No clue! (Boy am I going to start a flaming thread here or what?) Let's see who are HAMs and who are LIDs! Easy to figure our based on their comments.

1b
Re: dB Meter on front of TS-450S

Thu Feb 26, 2015 7:22 am (PST) . Posted by:
"N6EV - Paul Carreiro" z65paul

Alan,
You're inquiring about the TS-450/690's RX Meter function. The RX Meter is turned on and off with the "RX M" or #3 button. Per the manual: "When this key is pressed during reception, the dB display turns on and off. The AF level is displayed on the scale (dB), independent of the AF volume control setting." It's actually one of my favorite and most useful features of these rigs. Here is a copy of a post I made to this list back in 2013 on the topic:

One of the best features of the TS-450/690 that you don't find in other rigs (even it's big brother the TS-850 and subsequent rigs) is the RX Meter. In my informal polling on the air and online, most operators using the TS-450/690 don't understand or don't use this powerful feature. Most may have it engaged, looking at the bar graph LEDs flicker away reflecting received audio level, but do nothing more.

The power of this feature shines when used in combination with the RF Gain adjustment. Once a desired signal is tuned in with desired filtering, with the RX Meter active, back off the RF Gain until the peaks of the receive signal on the RX Meter bar graph just start to come off the 0 dB point. This is that magical sweet spot point where AGC is not backing off the desired signal, resulting in maximum signal to noise. Back off RF Gain further and you start to reduce the desired signal. Back off RF Gain less from this point and you

increase noise and AGC starts to cut back the desired signal.

It really is a powerful feature that I wish was incorporated into other rigs. In fact I don't know of another rig that has it. Anyone know of one? I don't know if Kenwood has incorporated it into its latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If they did, I'd be inclined to relegate my TS-690 to backup rig status and upgrade.

I also like to turn on the peak-hold feature that the RX, TX and S-meters have. It's turned on and off via the LSB/USB Power-on Menu, #08 (Section 4.11-15 of the operating manual).

Hope this information help.
73 Paul N6EV
http://www.N6EV.com/

13065. Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-27 20:19:15 UTC
From: Crownhaven
Topic: 13064 Message: 13065

OK, so we try and help but our answer not quite good enough for you?
Sorry I wasted my time.

Hey Paul, you win. Maybe he'll send me a bag of shit.

Steve, N4JQQ

On 2/27/2015 1:20 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:
>
> Steve, that is obvious. I read that in the manual. But the manual
> doesn't explain what the dB meter is used for. See CORRECT AND BEST
> ANSWER BELOW:
> *_THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE
> OF THE dB METER ON THE TS-450S._*
> :-)
> **
> **
> **
> **
> **
> **
> **
> **
> **
> **
> **
> **
> **
> **
> *_PS to Paul: I've always backed off the RF GAIN control since 1984 on
> my tube receivers while on CW and SSB. It's the way to do it! (I just
> never tied the dB meter to the RF GAIN control on my TS450S!) HAMS
> know this, appliance operators have no clue! (That is the proper use
> of RF GAIN control.) It's like transmitting at maximum power (and
> turning on the linear (because you like to see your lights flicker)
> even if you are talking to your friend across town. No clue! (Boy am I
> going to start a flaming thread here or what?) Let's see who are HAMs
> and who are LIDs! Easy to figure our based on their comments._*
> 1b
>
>
> Re: dB Meter on front of TS-450S
> <https://groups.yahoo.com/neo/groups/TS-850_450_690/conversations/topics/13061;_ylc=X3oD
MTJydm9vdGFkBF9TAzk3MzU5NzE1BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEzMDYxBH

NlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjUwMjU2NDI->
>
>
>
> Thu Feb 26, 2015 7:22 am (PST) . Posted by:
>
>
> "N6EV - Paul Carreiro" z65paul
> <mailto:Paul@...?subject=Re%3A%20dB%20Meter%20on%20front%20of%20TS-450S>
>
>
> Alan,
> You're inquiring about the TS-450/690's RX Meter function. The RX
> Meter is turned on and off with the "RX M" or #3 button. Per the
> manual: "When this key is pressed during reception, the dB display
> turns on and off. The AF level is displayed on the scale (dB),
> independent of the AF volume control setting." It's actually one of
> my favorite and most useful features of these rigs. Here is a copy
> of a post I made to this list back in 2013 on the topic:
>
> ----------
> One of the best features of the TS-450/690 that you don't find in
> other rigs (even it's big brother the TS-850 and subsequent rigs) is
> the RX Meter. In my informal polling on the air and online, most
> operators using the TS-450/690 don't understand or don't use this
> powerful feature. Most may have it engaged, looking at the bar graph
> LEDs flicker away reflecting received audio level, but do nothing more.
>
> The power of this feature shines when used in combination with the RF
> Gain adjustment. Once a desired signal is tuned in with desired
> filtering, with the RX Meter active, back off the RF Gain until the
> peaks of the receive signal on the RX Meter bar graph just start to
> come off the 0 dB point. This is that magical sweet spot point where
> AGC is not backing off the desired signal, resulting in maximum
> signal to noise. Back off RF Gain further and you start to reduce the
> desired signal. Back off RF Gain less from this point and you
> increase noise and AGC starts to cut back the desired signal.
>
> It really is a powerful feature that I wish was incorporated into
> other rigs. In fact I don't know of another rig that has it. Anyone
> know of one? I don't know if Kenwood has incorporated it into its
> latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If
> they did, I'd be inclined to relegate my TS-690 to backup rig status
> and upgrade.
> ----------
>
> I also like to turn on the peak-hold feature that the RX, TX and
> S-meters have. It's turned on and off via the LSB/USB Power-on Menu,
> #08 (Section 4.11-15 of the operating manual).
>
> Hope this information help.

> 73 Paul N6EV
> http://www.N6EV.com/ <http://www.n6ev.com/>
>

13066. Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-27 21:33:21 UTC
From: Jordan Arndt
Topic: 13064 Message: 13066

The dB meter displays the receive audio strength...It's pretty straightforward....ymmv...

73 de Jordan VE6ZT

----- Original Message -----
From: Crownhaven crownhaven@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 27, 2015 1:19 PM
Subject: Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

OK, so we try and help but our answer not quite good enough for you? Sorry I wasted my time.

Hey Paul, you win. Maybe he'll send me a bag of shit.

Steve, N4JQQ

On 2/27/2015 1:20 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:

Steve, that is obvious. I read that in the manual. But the manual doesn't explain what the dB meter is used for. See CORRECT AND BEST ANSWER BELOW:

THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

PS to Paul: I've always backed off the RF GAIN control since 1984 on my tube receivers while on CW and SSB. It's the way to do it! (I just never tied the dB meter to the RF GAIN control on my TS450S!) HAMS know this, appliance operators have no clue! (That is the proper use of RF GAIN control.) It's like transmitting at maximum power (and turning on the linear (because you like to see your lights flicker) even if you are talking to your friend across town. No clue! (Boy am I going to start a flaming thread here or what?) Let's see who are HAMs and who are LIDs! Easy to figure our based on their comments.

1b Re: dB Meter on front of TS-450S Thu Feb 26, 2015 7:22 am (PST) . Posted by: "N6EV - Paul Carreiro" z65paul Alan,
You're inquiring about the TS-450/690's RX Meter function. The RX Meter is turned on and off with the "RX M" or #3 button. Per the manual: "When this key is pressed during reception, the dB display turns on and off. The AF level is displayed on the scale (dB), independent of the AF volume control setting." It's actually one of my favorite and most useful features of these rigs. Here is a copy of a post I made to this list back in 2013 on the topic:

One of the best features of the TS-450/690 that you don't find in other rigs (even it's big brother the TS-850 and subsequent rigs) is the RX Meter. In my informal polling on the air and online, most operators using the TS-450/690 don't understand or don't use this powerful feature. Most may have it engaged, looking at the bar graph LEDs flicker away reflecting received audio level, but do nothing more.

The power of this feature shines when used in combination with the RF Gain adjustment. Once a desired signal is tuned in with desired filtering, with the RX Meter active, back off the RF Gain until the peaks of the receive signal on the RX Meter bar graph just start to come off the 0 dB point. This is that magical sweet spot point where AGC is not backing off the desired signal, resulting in maximum signal to noise. Back off RF Gain further and you start to reduce the desired signal. Back off RF Gain less from this point and you increase noise and AGC starts to cut back the desired signal.

It really is a powerful feature that I wish was incorporated into other rigs. In fact I don't know of another rig that has it. Anyone know of one? I don't know if Kenwood has incorporated it into its latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If they did, I'd be inclined to relegate my TS-690 to backup rig status and upgrade.

I also like to turn on the peak-hold feature that the RX, TX and S-meters have. It's turned on and off via the LSB/USB Power-on Menu, #08 (Section 4.11-15 of the operating manual).

Hope this information help.
73 Paul N6EV
http://www.N6EV.com/

13067. Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-27 22:10:00 UTC
From: Tom Osborne
Topic: 13064 Message: 13067

Have to agree with you, Steve. I answered and he made some snide remark back but not sure who it was addressed to as he deleted the rest of the thread.

If he asks another question it will just get deleted. 73
Tom W7WHY

On 2/27/2015 12:19 PM, Crownhaven crownhaven@...
[TS-850_450_690] wrote:
>
> OK, so we try and help but our answer not quite good enough for you?
> Sorry I wasted my time.
>
> Hey Paul, you win. Maybe he'll send me a bag of shit.
>
> Steve, N4JQQ
>
> On 2/27/2015 1:20 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:
>>
>> Steve, that is obvious. I read that in the manual. But the manual
>> doesn't explain what the dB meter is used for. See CORRECT AND BEST
>> ANSWER BELOW:
>> *_THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE
>> USE OF THE dB METER ON THE TS-450S._*
>> :-)

13068. Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-27 20:54:00 UTC
From: Steve
Topic: 13064 Message: 13068

On 2/27/15 3:19 PM, Crownhaven crownhaven@... [TS-850_450_690]
wrote:
>
> OK, so we try and help but our answer not quite good enough for you?
> Sorry I wasted my time.
>
> Hey Paul, you win. Maybe he'll send me a bag of shit.
>
> Steve, N4JQQ
>
> On 2/27/2015 1:20 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:
>>
>> Steve, that is obvious. I read that in the manual. But the manual
>> doesn't explain what the dB meter is used for. See CORRECT AND BEST
>> ANSWER BELOW:
>> *_THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE
>> USE OF THE dB METER ON THE TS-450S._*
>> :-)
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> **
>> *_PS to Paul: I've always backed off the RF GAIN control since 1984
>> on my tube receivers while on CW and SSB. It's the way to do it! (I
>> just never tied the dB meter to the RF GAIN control on my TS450S!)
>> HAMS know this, appliance operators have no clue! (That is the proper
>> use of RF GAIN control.) It's like transmitting at maximum power (and
>> turning on the linear (because you like to see your lights flicker)
>> even if you are talking to your friend across town. No clue! (Boy am
>> I going to start a flaming thread here or what?) Let's see who are
>> HAMs and who are LIDs! Easy to figure our based on their comments._*
>> 1b
>>

>>
>> Re: dB Meter on front of TS-450S
>> <https://groups.yahoo.com/neo/groups/TS-850_450_690/conversations/topics/13061;_ylc=X3o
DMTJydm9vdGFkBF9TAzk3MzU5NzE1BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEzMDYxB
HNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjUwMjU2NDI->
>>
>>
>>
>> Thu Feb 26, 2015 7:22 am (PST) . Posted by:
>>
>>
>> "N6EV - Paul Carreiro" z65paul
>> <mailto:Paul@...?subject=Re%3A%20dB%20Meter%20on%20front%20of%20TS-450S>
>>
>>
>> Alan,
>> You're inquiring about the TS-450/690's RX Meter function. The RX
>> Meter is turned on and off with the "RX M" or #3 button. Per the
>> manual: "When this key is pressed during reception, the dB display
>> turns on and off. The AF level is displayed on the scale (dB),
>> independent of the AF volume control setting." It's actually one of
>> my favorite and most useful features of these rigs. Here is a copy
>> of a post I made to this list back in 2013 on the topic:
>>
>> --
>> One of the best features of the TS-450/690 that you don't find in
>> other rigs (even it's big brother the TS-850 and subsequent rigs) is
>> the RX Meter. In my informal polling on the air and online, most
>> operators using the TS-450/690 don't understand or don't use this
>> powerful feature. Most may have it engaged, looking at the bar graph
>> LEDs flicker away reflecting received audio level, but do nothing more.
>>
>> The power of this feature shines when used in combination with the RF
>> Gain adjustment. Once a desired signal is tuned in with desired
>> filtering, with the RX Meter active, back off the RF Gain until the
>> peaks of the receive signal on the RX Meter bar graph just start to
>> come off the 0 dB point. This is that magical sweet spot point where
>> AGC is not backing off the desired signal, resulting in maximum
>> signal to noise. Back off RF Gain further and you start to reduce the
>> desired signal. Back off RF Gain less from this point and you
>> increase noise and AGC starts to cut back the desired signal.
>>
>> It really is a powerful feature that I wish was incorporated into
>> other rigs. In fact I don't know of another rig that has it. Anyone
>> know of one? I don't know if Kenwood has incorporated it into its
>> latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If
>> they did, I'd be inclined to relegate my TS-690 to backup rig status
>> and upgrade.
>> --
>>

>> I also like to turn on the peak-hold feature that the RX, TX and
>> S-meters have. It's turned on and off via the LSB/USB Power-on Menu,
>> #08 (Section 4.11-15 of the operating manual).
>>
>> Hope this information help.
>> 73 Paul N6EV
>> http://www.N6EV.com/ <http://www.n6ev.com/>
>
>
I am asking how to turn on the SWR meter????????I think it switches from
ALC to SWR??????what button?

13069. Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-28 02:00:38 UTC
From: Crownhaven
Topic: 13064 Message: 13069

Based on his initial post, I thought he knew NOTHING about it. That is why I quoted the manual to give him a place to start. I didn't realize he was a smart-ass know-it-all attempting to make fools out of us. Hey, that's OK. This has been a great reflector up this point. So, I guess he wins for being the biggest ass-hole so far. Two winners.

Steve, N4JQQ

On 2/27/2015 4:10 PM, Tom Osborne w7why@... [TS-850_450_690] wrote:
>
> Have to agree with you, Steve. I answered and he made some snide remark
> back but not sure who it was addressed to as he deleted the rest of the
> thread.
>
> If he asks another question it will just get deleted. 73
> Tom W7WHY
>
> On 2/27/2015 12:19 PM, Crownhaven crownhaven@...
> [TS-850_450_690] wrote:
> >
> > OK, so we try and help but our answer not quite good enough for you?
> > Sorry I wasted my time.
> >
> > Hey Paul, you win. Maybe he'll send me a bag of shit.
> >
> > Steve, N4JQQ
> >
> > On 2/27/2015 1:20 PM, YAMAHAXS650H@... [TS-850_450_690] wrote:
> >>
> >> Steve, that is obvious. I read that in the manual. But the manual
> >> doesn't explain what the dB meter is used for. See CORRECT AND BEST
> >> ANSWER BELOW:
> >> *_THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE
> >> USE OF THE dB METER ON THE TS-450S._*
> >> :-)
>
>

13070. SWR/ALC Meter activation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-28 01:59:18 UTC
From: N6EV - Paul Carreiro
Topic: 13064 Message: 13070

At 12:54 PM 2/27/2015, Steve, srogers57@gmail wrote:
>I am asking how to turn on the SWR meter????????I think it switches
>from ALC to SWR??????what button?

Steve, the button you are looking for (on the TS450/690) is the #6
"TX M" or TX Meter to toggle between SWR, ALC and off.

73 Paul N6EV
http://www.N6EV.com/

13071. Re: [TS-850_450_690] SWR/ALC Meter activation

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-28 04:06:00 UTC
From: Steve
Topic: 13064 Message: 13071

On 2/27/15 8:59 PM, N6EV - Paul Carreiro Paul@... [TS-850_450_690] wrote:

>
> At 12:54 PM 2/27/2015, Steve, srogers57@gmail wrote:
>
>> I am asking how to turn on the SWR meter????????I think it switches
>> from ALC to SWR??????what button?
>
> Steve, the button you are looking for (on the TS450/690) is the #6 "TX
> M" or TX Meter to toggle between SWR, ALC and off.
>
> 73 Paul N6EV
> http://www.N6EV.com/
>
>

thank you how neat------

13072. Re: [TS-850_450_690] THANK YOU PAUL FOR THE BEST AND MOST COMPREHENSIVE ANSWER ON THE USE OF THE dB METER ON THE TS-450S.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-28 05:03:03 UTC
From: Frank Raffaele
Topic: 13064 Message: 13072

/I/ appreciate the info. I knew of the existence of the dB meter but not how to use it. Thanks for that:)

kc2mbv - Frank.

13073. TS450S -

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-28 19:33:30 UTC
From: Mike Feher
Topic: 13073 Message: 13073

Hello to all -

I just joined the group and this is my first post. I have a subject radio and need to replace the 6 pin Molex DC connector on it. I would also like to assemble some of the DC mating plugs. Could someone please share the Mouser or Digi-Key part number for these items? I already have the 0.093 male and female pins, so, I only need the shells, and maybe the boot for the plug. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

13074. Re: TS450S -

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-01 16:13:56 UTC
From: w4jz@...
Topic: 13073 Message: 13074

Hi Mike,

This site has the plug that will plug into the 450.
http://www.powerwerx.com/adapter-cables/ http://www.powerwerx.com/adapter-cables/

73,
Reed W4JZ

13075. Re: TS450S -

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-02-28 23:26:20 UTC
From: dmueller421@...
Topic: 13073 Message: 13075

Be careful using the .093 pins. I read somewhere that the original Yaesu/Icom/Kenwood power connectors used pins spec'ed in Metric and weren't quite a perfect match for the US equivalents, sometimes causing overheating because of a loose fit. I've never verified this myself, though.

Last time I looked, the Molex equivalents had the keyed portions facing the wrong way so they would not mate with the radios. I bought a few pairs and made short pigtails using the factory radio plug at one end, and a 6 pin Molex at the other. These days, I'd be tempted to do the same but with PowerPoles.

Dave AA3EE

13076. RE: [TS-850_450_690] Re: TS450S -

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-01 16:29:00 UTC
From: Mike Feher
Topic: 13073 Message: 13076

Reed –

Thank you for a useful site. However, as I already have the pins, all I need is the shells. I looked on both Mouser and Digi-Key, and found similar shells for about $0.50 each. I just figured someone on here has already gone through the exercise and knows exactly what is needed. There are too many to choose from, HI. Seems like a more cost effective way to go, and, I also get exactly what I want and not something else. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Sunday, March 01, 2015 11:14 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS450S -

Hi Mike,

This site has the plug that will plug into the 450.
http://www.powerwerx.com/adapter-cables/

13077. Some RX Fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-05 12:34:33 UTC
From: lw3ewz@...
Topic: 13077 Message: 13077

Dear Friends

While now a send a query to the reflector over a delay (after a time) of tx/rx in my ts-850, the problem was worse after having a return of rf in a poor connection of an antenna on my Ten Tec Corsair, with the problem of the loss of reception attenuators. After that when you turn on the computer I have reception for a few minutes and then the reception is lost. Be suspicious of the famous d31 and found that it was not right since reception was returning for a few seconds press tx and then returned to leave. Replace the D31 with 2 1n4148 series and works very well.
The problem is that to turn it on it has the same problem within 2 minutes reception fades and goes after a couple of minutes and the team is working perfectly (I left it in reception more than 24 hours without problems, there is tx problems). Make a measurement at the anode of the d31 and the power is 0v then continues to rise 02, 03, 04, until reaching 08v. there short reception, and after a few minutes back stage at the anode of d31 06/07v in that State the equipment works perfectly. As I have seen it would have to be at that point 0v and comes from the base of q5. Which may be his understanding of the component that this failing. Taking into account the return of rf who comment on them.

Thanks a lot
Gus

Lw3ewz

13078. Re: Some RX Fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-05 18:02:18 UTC
From: lw3ewz@...
Topic: 13077 Message: 13078

Im usig bing translator..

not have problem in tx ever

thanks

gus

lw3ewz

13079. Kaput transmit on TS450SAT.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-05 23:36:54 UTC
From: Phil
Topic: 13079 Message: 13079

Well, today I fired up the TS450SAT, 7235KCs, hit AM and keyed the TX to tune the outboard MFJ-993B tuner (with the 4:1 internal balun and instant memories I prefer it over the internal tuner in the 450). On 7235-7240KCs the tuner is usually instantaneous as that's my primary operating area.

Well, there didn't seem to be any RF (I usually tune with a 25Watt carrier). Turned up the carrier power and suddenly the tuner went bonkers like it was trying to tune on some totally different frequency! Indicated power was only about 15W. Then it stopped and there was NO output power.

What it does NOW. There is no output carrier power on either AM or FM, neither is there any ALC action. If I select LSB and whistle into the mic I DO get some ALC indications and a very low power indication on the MFJ. Again, the MFJ goes bonkers like it's trying to tune on some weird frequency and the MFJ freq counter also goes bonkers, nothing anywhere near the 40M band.

NOTE: I've also tried tuning it with the internal tuner just in case the MFJ had a problem, but that doesn't work either.

All indications are that the finals are probably OK as it 'tried' to put out power, and I see ALC action on a whistle. . .

I've pulled it out of the operating position and put it on the workbench. I've torn it down to the PA unit so that I can test the final & driver Xistors, but I REALLY suspect the DDS is shot. Yes, this unit has the early DDS board, from all I've read a known and common failure mode. Also, from what I've read in one of the troubleshooting files posted in this group, the DDS board is NO LONGER AVAILABLE :(

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

13080. Re: [TS-850_450_690] Kaput transmit on TS450SAT.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-06 01:00:43 UTC
From: Bob Naylor
Topic: 13079 Message: 13080

Phil, I hope that's not the case. On 850's the carrier has to be high enuff for all that to work. Maybe the same with the 450's?Bob WE6C
From: "Phil ko6bb1@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 5, 2015 3:36 PM
Subject: [TS-850_450_690] Kaput transmit on TS450SAT.

  Well, today I fired up the TS450SAT, 7235KCs, hit AM and keyed the TX to tune the outboard MFJ-993B tuner (with the 4:1 internal balun and instant memories I prefer it over the internal tuner in the 450). On 7235-7240KCs the tuner is usually instantaneous as that's my primary operating area.

Well, there didn't seem to be any RF (I usually tune with a 25Watt carrier). Turned up the carrier power and suddenly the tuner went bonkers like it was trying to tune on some totally different frequency! Indicated power was only about 15W. Then it stopped and there was NO output power.

What it does NOW. There is no output carrier power on either AM or FM, neither is there any ALC action. If I select LSB and whistle into the mic I DO get some ALC indications and a very low power indication on the MFJ. Again, the MFJ goes bonkers like it's trying to tune on some weird frequency and the MFJ freq counter also goes bonkers, nothing anywhere near the 40M band.

NOTE: I've also tried tuning it with the internal tuner just in case the MFJ had a problem, but that doesn't work either.

All indications are that the finals are probably OK as it 'tried' to put out power, and I see ALC action on a whistle. . .

I've pulled it out of the operating position and put it on the workbench. I've torn it down to the PA unit so that I can test the final & driver Xistors, but I REALLY suspect the DDS is shot. Yes, this unit has the early DDS board, from all I've read a known and common failure mode. Also, from what I've read in one of the troubleshooting files posted in this group, the DDS board is NO LONGER AVAILABLE :(

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).

Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

13081. Re: Kaput transmit on TS450SAT.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-06 12:45:53 UTC
From: T. Scott Griffin
Topic: 13081 Message: 13081

Hi Phil,

Sorry to hear about this. Did you check on eBay? Someone has put a lot of parts and boards up for sale.

73s, Scott, N6CIC/4 (temporarily at vacation home in North Carolina)

Member: ARRL, Stanislaus Amateur Radio Club, Antelope Valley Radio Club, Acton/Agua Dulce Amateur Radio Club, and Guildford (UK) District Radio Club

Sent from Windows Mail

13082. My "Kaput" TS-450SAT, update

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-06 15:43:04 UTC
From: Phil
Topic: 13082 Message: 13082

Well, yesterday afternoon/evening I did some extensive troubleshooting, here are the results.

1. Checked final & driver Xistors, lifting their legs from the PC board, they're OK.

2. Since it does have some output in SSB mode I tuned the Icom R-71A to 7240, ditto the 450 (into a dummy load). Audio was clean and sounded good, peaking a bit over 100 Watts. So I presume that the reason the rig only showed about 15 Watts, give or take into the MFJ Auto-tuner/antenna is because the tuner CAN'T tune on just voice peaks. This tells me that the basic "RF chain" (the modulator, Transmit IF strip, final board & filter board) is all good.

3. There is NO output on ANY mode that requires a carrier output. That includes AM, FM, CW or FSK. Of course, the MFJ antenna tuner (and I presume the internal one) requires a steady carrier to tune on. That is why I had such erratic results when trying to tune on a "whistle". My "whistler" doesn't exactly create a clean steady tone for tuning ;-)

4. I read all the applicable docs that are available on this site. Didn't seem to be any service manual available though. However, searching the various manual sites in my favorites folder turned up one at the KO4BB manual site. So I need to spend some time perusing said manual now.

5. Since it seems to have a "missing carrier", that would lead me to believe that one of the DDS chips on the Carrier board is bad. Yes, this unit has the 'early' 6631 DDS chips, a part that is a known trouble source (and apparently no more boards available from Kenwood).

6. There is a 'remote' possibility that the problem lies in the carrier level control circuitry and later this afternoon I'll explore that area (we have an income tax appointment this morning).

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

13083. YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 03:12:49 UTC
From: Phil
Topic: 13083 Message: 13083

My original thought was that this rig had a bad DDS on the carrier board. Transmit on SSB, but NO carrier on AM, FM, CW or FSK.

Well, today I pulled the front panel off and checked the resistance of the carrier control, VR5. It's 10K across the entire pot like it should be, but the wiper is open, apparently not making contact at all. I tried to force a bit of DeOxit D5 through a couple small holes, but that didn't help any.

Monday I'll call Kenwood and see if they 'might' have a replacement pot, but considering the age of the unit I'm not going to hold my breath. . .

IF all else fails, I'll take a couple small resistors and use them in place of the pot, OR on the other hand I could "remote" a small pot elsewhere in the rig. Considering the age and cosmetics of the rig I'm not concerned about how original it is so long as it works.

Anybody here have the right pot??

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

13084. Re: [TS-850_450_690] Re: Kaput transmit on TS450SAT.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 04:59:04 UTC
From: Phil
Topic: 13081 Message: 13084

Thank you Scott,
Except that I've never bought anything on eBay (or used Paypal). Sort of limits some of my sources but wifey and I are a bit old fashioned and limit our purchases on the net to just a couple places.

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

On 3/6/2015 12:45 PM, 'T. Scott Griffin' scottandalene@... [TS-850_450_690] wrote:
>
> Hi Phil,
> Sorry to hear about this. Did you check on eBay? Someone has put a
> lot of parts and boards up for sale.
>
> 73s, Scott, N6CIC/4 (temporarily at vacation home in North Carolina)
>
> Member: ARRL, Stanislaus Amateur Radio Club, Antelope Valley Radio
> Club, Acton/Agua Dulce Amateur Radio Club, and Guildford (UK) District
> Radio Club
>
>

13085. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 05:05:09 UTC
From: Steve
Topic: 13083 Message: 13085

On 3/6/15 10:12 PM, Phil ko6bb1@... [TS-850_450_690] wrote:
>
> My original thought was that this rig had a bad DDS on the carrier
> board. Transmit on SSB, but NO carrier on AM, FM, CW or FSK.
>
> Well, today I pulled the front panel off and checked the resistance of
> the carrier control, VR5. It's 10K across the entire pot like it
> should be, but the wiper is open, apparently not making contact at all.
> I tried to force a bit of DeOxit D5 through a couple small holes, but
> that didn't help any.
>
> Monday I'll call Kenwood and see if they 'might' have a replacement pot,
> but considering the age of the unit I'm not going to hold my breath. . .
>
> IF all else fails, I'll take a couple small resistors and use them in
> place of the pot, OR on the other hand I could "remote" a small pot
> elsewhere in the rig. Considering the age and cosmetics of the rig I'm
> not concerned about how original it is so long as it works.
>
> Anybody here have the right pot??
>
> --
> 73 de Phil, KO6BB
> http://www.qsl.net/ko6bb/ (Web Page)
>
> PRESENT RADIOS:
> Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
> Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
> Icom: R-71A With 250Hz CW filter (~1986).
> Kenwood: TS-450SAT Transceiver.
> Radio Shack: DX-380 digital portable (~1990).
> Zenith: Royal-7000 Transoceanic Analog Portable (~1969).
>
> ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
> Homebrew 8 Hz Audio Filter.
>
> ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
> Active Mini-Whip at 36 Feet AGL for LF/MW.
> 37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.
>
> Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh
>
>
they are on EBAY-----

13086. Re: [TS-850_450_690] Re: Kaput transmit on TS450SAT.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 06:52:24 UTC
From: myyahoo@...
Topic: 13081 Message: 13086

Hi, Scott:

A suggestion if you are new to buying online. See if your bank/credit card has 'one time credit card numbers' (sometimes called 'one use numbers'). My bank (Citibank) has them, where I can set a maximum $ amount and even a time limit (the default is a month, so I usually don't set the time limit!), which I use with web sites that I don't trust to have my full account (especially when ordering from China). Yes, it's more online banking, but it is the best way that I've found to restrict misuse of my credit card information.

Part of my job is IT security - and from much more illustrious specialists than I: you're in more danger of identity theft from your local restaurant, home improvement centre, or supermarket than from most online purchases or online banking. (Think: Target, Home Depot, and Lucky.)

I don't use a Paypal account either - due to the way that they limit accounts - but I've done many, many individual, 'guest' transactions via Paypal without issue. Paypal itself is safe enough, it just has onerous policies where they want access to your chequing account if you spend more than certain amounts, and I don't agree with that practice. Checking out as a guest (and entering those magic one-time credit card numbers) gets around the limits, and should limit your possible losses to the amount of that transaction.

The Internet doesn't have to cause you troubles, but you are absolutely right that you need to careful about how you spend money there.

You're welcome to contact me for more help with buying things online. One caution - never, ever give your account information to anyone who offers you help (unless you know them personally) - even if they are trying to help you. That would include me - you don't know me well enough, but I'm quite willing to help you (but I really don't want any of your personal data!).

When dealing with your bank, always use the number printed on the card. If you ever get a message on your phone that purports to be from your bank - call the number on your card, and explain the situation. This is to make sure that you're talking to your bank and not giving your information away to troublemakers.

- Richard, VE7CVS

13087. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 07:49:52 UTC
From: Steven KA9MOT
Topic: 13083 Message: 13087

Without tearing my rig apart, I don't know the size specifics of this pot, but I can't think of a single pot that can't be replaced very inexpensively

with an replacement.
If your Google Foo is week, send me a picture of the pot that has some kind of size reference included in the picture (Pencil eraser, ruler, etc.) so I know how large/small it is, and I'll google a replacement for you.

There is absolutely no reason to "cobble" up a repair. Fix it correctly.

Steve KA9MOT
ka9mot@...

On Fri, Mar 6, 2015 at 9:12 PM, Phil ko6bb1@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> My original thought was that this rig had a bad DDS on the carrier
> board. Transmit on SSB, but NO carrier on AM, FM, CW or FSK.
>
> Well, today I pulled the front panel off and checked the resistance of
> the carrier control, VR5. It's 10K across the entire pot like it
> should be, but the wiper is open, apparently not making contact at all.
> I tried to force a bit of DeOxit D5 through a couple small holes, but
> that didn't help any.
>
> Monday I'll call Kenwood and see if they 'might' have a replacement pot,
> but considering the age of the unit I'm not going to hold my breath. . .
>
> IF all else fails, I'll take a couple small resistors and use them in
> place of the pot, OR on the other hand I could "remote" a small pot
> elsewhere in the rig. Considering the age and cosmetics of the rig I'm
> not concerned about how original it is so long as it works.
>
> Anybody here have the right pot??
>
> --
> 73 de Phil, KO6BB
> http://www.qsl.net/ko6bb/ (Web Page)
>
> PRESENT RADIOS:
> Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
> Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
> Icom: R-71A With 250Hz CW filter (~1986).

> Kenwood: TS-450SAT Transceiver.
> Radio Shack: DX-380 digital portable (~1990).
> Zenith: Royal-7000 Transoceanic Analog Portable (~1969).
>
> ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
> Homebrew 8 Hz Audio Filter.
>
> ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
> Active Mini-Whip at 36 Feet AGL for LF/MW.
> 37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.
>
> Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh
>
>
>

13088. Re: Some RX Fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 13:51:40 UTC
From: lw3ewz@...
Topic: 13077 Message: 13088

Repaired

i replace d31 with 2 x 2n4148 in series same as Kenwood Bulletin with 2 Mi204 and Works very well.

Gus
lw3ewz
73

13089. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 16:39:55 UTC
From: Bob Naylor
Topic: 13083 Message: 13089

Yabbadabbadoo! Phil, I'm glad it's something simple. I remember asking you about the carrier adjustment which I like to remind everyone that it has to be set at a certain level but I didn't think the pot was bad. celebration time!73, Bob WE6C (just a hundred or so miles north of you)
From: "Phil ko6bb1@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 6, 2015 7:12 PM
Subject: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

  My original thought was that this rig had a bad DDS on the carrier board. Transmit on SSB, but NO carrier on AM, FM, CW or FSK.

Well, today I pulled the front panel off and checked the resistance of the carrier control, VR5. It's 10K across the entire pot like it should be, but the wiper is open, apparently not making contact at all. I tried to force a bit of DeOxit D5 through a couple small holes, but that didn't help any.

Monday I'll call Kenwood and see if they 'might' have a replacement pot, but considering the age of the unit I'm not going to hold my breath. . .

IF all else fails, I'll take a couple small resistors and use them in place of the pot, OR on the other hand I could "remote" a small pot elsewhere in the rig. Considering the age and cosmetics of the rig I'm not concerned about how original it is so long as it works.

Anybody here have the right pot??

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.

37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

13090. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 16:05:11 UTC
From: Phil
Topic: 13083 Message: 13090

Hi Steve,
Yes, and normally I'd agree with you. I've been "doing" electronics for over 60 years, Military, Government contractors, audio service etc, and this puppy seems to be a "made to order" part for the rig. A small (~3/8" square PC mount with about a 3/8" shaft that is roughly 5/8" long with a flat for the knob.

I'm going to check with Kenwood and see if they have them in stock (I DON'T do eBay), and if they don't I'll "remote the pot", sort of like some folks have "remoted the battery for easy replacement" as I only need to preset it one time so the antenna tuners can function (I 'll set it for about a 25-30 Watt AM carrier).

This puppy is NOT easy to get to, buried deep in the front panel. . .

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 3/7/2015 7:49 AM, Steven KA9MOT ka9mot@... [TS-850_450_690] wrote:
> Without tearing my rig apart, I don't know the size specifics of this
> pot, but I can't think of a single pot that can't be replaced very
> inexpensively with an replacement.
> If your Google Foo is week, send me a picture of the pot that has some
> kind of size reference included in the picture (Pencil eraser, ruler,
> etc.) so I know how large/small it is, and I'll google a replacement
> for you.
>
> There is absolutely no reason to "cobble" up a repair. Fix it correctly.

>
> Steve KA9MOT
> ka9mot@... <mailto:ka9mot@...>
>
> On Fri, Mar 6, 2015 at 9:12 PM, Phil ko6bb1@...
> <mailto:ko6bb1@...> [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>> wrote:
>
> My original thought was that this rig had a bad DDS on the carrier
> board. Transmit on SSB, but NO carrier on AM, FM, CW or FSK.
>
> Well, today I pulled the front panel off and checked the
> resistance of
> the carrier control, VR5. It's 10K across the entire pot like it
> should be, but the wiper is open, apparently not making contact at
> all.
> I tried to force a bit of DeOxit D5 through a couple small holes, but
> that didn't help any.
>
> Monday I'll call Kenwood and see if they 'might' have a
> replacement pot,
> but considering the age of the unit I'm not going to hold my
> breath. . .
>
> IF all else fails, I'll take a couple small resistors and use them in
> place of the pot, OR on the other hand I could "remote" a small pot
> elsewhere in the rig. Considering the age and cosmetics of the rig
> I'm
> not concerned about how original it is so long as it works.
>
> Anybody here have the right pot??
>
> --
> 73 de Phil, KO6BB
> http://www.qsl.net/ko6bb/ (Web Page)
>
> PRESENT RADIOS:
> Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
> Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
> Icom: R-71A With 250Hz CW filter (~1986).
> Kenwood: TS-450SAT Transceiver.
> Radio Shack: DX-380 digital portable (~1990).
> Zenith: Royal-7000 Transoceanic Analog Portable (~1969).
>
> ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
> Homebrew 8 Hz Audio Filter.
>
> ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
> Active Mini-Whip at 36 Feet AGL for LF/MW.

> 37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.
>
> Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh
>
>
>

13091. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig? OOOPPs. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 17:39:57 UTC
From: Phil
Topic: 13083 Message: 13091

Hi Steve,
I said 3/8" shaft, I should have said "about a 1/8" shaft ~ 5/8" long".

Don't really have a good way to get a picture.

Yes, and normally I'd agree with you. I've been "doing" electronics for over 60 years, Military, Government contractors, audio service etc, and this puppy seems to be a "made to order" part for the rig. A small (~3/8" square PC mount with about a 3/8" shaft that is roughly 5/8" long with a flat for the knob.

I'm going to check with Kenwood and see if they have them in stock (I DON'T do eBay), and if they don't I'll "remote the pot", sort of like some folks have "remoted the battery for easy replacement" as I only need to preset it one time so the antenna tuners can function (I 'll set it for about a 25-30 Watt AM carrier).

This puppy is NOT easy to get to, buried deep in the front panel. . .

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 3/7/2015 7:49 AM, Steven KA9MOT ka9mot@... [TS-850_450_690] wrote:
> Without tearing my rig apart, I don't know the size specifics of this
> pot, but I can't think of a single pot that can't be replaced very
> inexpensively with an replacement.
> If your Google Foo is week, send me a picture of the pot that has some
> kind of size reference included in the picture (Pencil eraser, ruler,
> etc.) so I know how large/small it is, and I'll google a replacement

> for you.
>
> There is absolutely no reason to "cobble" up a repair. Fix it correctly.
>
> Steve KA9MOT
> ka9mot@... <mailto:ka9mot@...>
>
> On Fri, Mar 6, 2015 at 9:12 PM, Phil ko6bb1@...
> <mailto:ko6bb1@...> [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>> wrote:
>
> M
>

13092. Re: [TS-850_450_690] Re: Some RX Fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 22:29:54 UTC
From: Bob Naylor
Topic: 13077 Message: 13092

Congrats Gus! IS this a 450 or 850?Bob WE6C
From: "lw3ewz@yahoo.com.ar [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 7, 2015 5:51 AM
Subject: [TS-850_450_690] Re: Some RX Fault

  Repaired
i replace d31 with 2 x 2n4148 in series same as Kenwood Bulletin with 2 Mi204 and Works very well.
Guslw3ewz73

13093. Re: [TS-850_450_690] Re: Some RX Fault

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-08 01:33:03 UTC
From: lw3ewz@...
Topic: 13077 Message: 13093

Bob

is a ts-850. after repair Works great... and lost all probrems rx and tx

73
gus
lw3ewz

13094. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-07 22:18:18 UTC
From: Phil
Topic: 13083 Message: 13094

Hi Bob et al,
Yes, Yabbadabbadoo!

This morning I went ahead and did a "temporary" fix by remoting a small 10K pot on short "flying leads" inside the radio just so I could use it. Totally reversible if/when I can get a new control. NO cutting or hacking up the radio etc. I pried the back off the bad pot and used a small screwdriver to remove the resistive element from the pot, reinstalled the pot and knob, and then pre-set the power level to 100W with the new internal pot (which the power output control can still reduce).

This gives me time to try and get a new pot.

HOWEVER, since it DOES work now, I think that I'm probably going to sell the radio and put the money towards a new Icom IC-7200. We just filed our taxes and it seems like a good time to "take the plunge", especially as 'wifey' is amenable to it. As my 'primary' DXing hobby is chasing NDBs (longwave beacons) the IF DSP (narrows down to 50Hz) etc of the 7200 is more suitable to that hobby (that's why I have a 250Hz filter cascaded with a 125Hz one in my Icom R-75 receiver).

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 3/7/2015 4:39 PM, Bob Naylor wotbob01@... [TS-850_450_690] wrote:
> Yabbadabbadoo! Phil, I'm glad it's something simple. I remember asking
> you about the carrier adjustment which I like to remind everyone that
> it has to be set at a certain level but I didn't think the pot was bad.
> celebration time!

> 73, Bob WE6C (just a hundred or so miles north of you)

13095. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig? OOOPPs. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-08 06:19:14 UTC
From: myyahoo@...
Topic: 13083 Message: 13095

Would Mouser part number 858-P260P-S1AF3CB10K fit? I haven't seen the actual pot in the rig yet, but I've found this series of pots often fit well in the tight spaces of some rigs.

- Richard, VE7CVS

13096. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig? OOOPPs. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-08 23:40:49 UTC
From: Michael Harla
Topic: 13083 Message: 13096

Not knowing the size of the pot or how it's attached, once or twice I've disassembled pots to re-tension the wiper, and/or clean the resistance more precisely than squirting tuner juice inside. It did help.

Another factor is if the shaft bushing is worn or not.

Hope this helps, Mike N2MHO

On Sun, Mar 8, 2015 at 1:19 AM, myyahoo@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Would Mouser part number 858-P260P-S1AF3CB10K fit? I haven't seen the
> actual pot in the rig yet, but I've found this series of pots often fit
> well in the tight spaces of some rigs.
>
> - Richard, VE7CVS
>
>

13097. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig? OOOPPs. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-09 16:15:53 UTC
From: Phil
Topic: 13083 Message: 13097

Hi Mike,
I did pry the thin plastic back cover off the pot (it's riveted on) and examine it's guts. Turned out that the small piece of plastic that fastened the wiper to the shaft had fallen apart and the wiper was floating free. It's all very small in there, I did try to epoxy the wiper to the shaft but that was futile. That's when I took a jewelers screwdriver and pried the resistive substrate off (to remove it from the circuit), then mounted the pot to keep knob etc intact, and put a small one on flying leads inside the radio. . . Radio works fine now.

Today I'll contact Kenwood and see of they have one, if so I'll order it to install the next time I have the radio on the bench.

In any case, now that it's working, I'm probably going to "Fire Sale" the rig (local pickup only) and replace it with an Icom IC-7200. That should last me the rest of my life :)

73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

On 3/8/2015 11:40 PM, Michael Harla michael.harla@...
[TS-850_450_690] wrote:
> Not knowing the size of the pot or how it's attached, once or twice
> I've disassembled pots to re-tension the wiper, and/or clean the
> resistance more precisely than squirting tuner juice inside. It did help.
>
> Another factor is if the shaft bushing is worn or not.
>

>
> Hope this helps, Mike N2MHO
>

13098. Re: [TS-850_450_690] YIPPII! It's a bad Carrier Pot! Anybody have one from a parts rig? OOOPPs. . .

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-09 22:29:42 UTC
From: Michael Harla
Topic: 13083 Message: 13098

Phil, you could also try pacparts.com, I bought some KWD HT parts from them once.

In some cases they might offer a generic replacement instead of the OEM part.

Mike n2mho

On Mon, Mar 9, 2015 at 12:15 PM, Phil ko6bb1@gmail.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi Mike,
> I did pry the thin plastic back cover off the pot (it's riveted on) and
> examine it's guts. Turned out that the small piece of plastic that
> fastened the wiper to the shaft had fallen apart and the wiper was
> floating free. It's all very small in there, I did try to epoxy the
> wiper to the shaft but that was futile. That's when I took a jewelers
> screwdriver and pried the resistive substrate off (to remove it from the
> circuit), then mounted the pot to keep knob etc intact, and put a small
> one on flying leads inside the radio. . . Radio works fine now.
>
> Today I'll contact Kenwood and see of they have one, if so I'll order it
> to install the next time I have the radio on the bench.
>
> In any case, now that it's working, I'm probably going to "Fire Sale"
> the rig (local pickup only) and replace it with an Icom IC-7200. That
> should last me the rest of my life :)
>
> 73 de Phil, KO6BB
> http://www.qsl.net/ko6bb/ (Web Page)
>
> PRESENT RADIOS:
> Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
> Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
> Icom: R-71A With 250Hz CW filter (~1986).
> Kenwood: TS-450SAT Transceiver.
> Radio Shack: DX-380 digital portable (~1990).
> Zenith: Royal-7000 Transoceanic Analog Portable (~1969).
>
> ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
> Homebrew 8 Hz Audio Filter.
>
> ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.

> Active Mini-Whip at 36 Feet AGL for LF/MW.
> 37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.
>
> Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh
>
> On 3/8/2015 11:40 PM, Michael Harla michael.harla@...
> [TS-850_450_690] wrote:
> > Not knowing the size of the pot or how it's attached, once or twice
> > I've disassembled pots to re-tension the wiper, and/or clean the
> > resistance more precisely than squirting tuner juice inside. It did help.
> >
> > Another factor is if the shaft bushing is worn or not.
> >
> >
> > Hope this helps, Mike N2MHO
> >
>
>
>

13099. Sold my 450, thanks to all the folks who've helped me here.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 03:38:01 UTC
From: Phil
Topic: 13099 Message: 13099

In talking to some locals on the 2M tonight I mentioned I was planning on selling the 450 at a "fire sale" price to get a new radio. One of my friends said he'd take it for my asking price, and tossed in a fully functional Kenwood TS-130 as a 'freebie' as he said he felt my price was too low. AND YES, he is fully aware of the repair I made by replacing the front panel carrier level pot with one inside the radio on 'flying leads'.

He'll pick it up in the morning.

I wish to thank all here who helped me and made suggestions. I'll probably be signing out of the group once he's picked the set up.

--
73 de Phil, KO6BB
http://www.qsl.net/ko6bb/ (Web Page)

PRESENT RADIOS:
Grundigs: S-350 (~2006), G6 (2011) & S450DLX (2014).
Icom: R-75 With Cascaded 250 & 125Hz CW Filters. (~2008)
Icom: R-71A With 250Hz CW filter (~1986).
Kenwood: TS-450SAT Transceiver.
Radio Shack: DX-380 digital portable (~1990).
Zenith: Royal-7000 Transoceanic Analog Portable (~1969).

ACCESSORIES: Homebrew LF-MF Pre-Amp, MFJ-993B HF Auto-Tuner.
Homebrew 8 Hz Audio Filter.

ANTENNAS: 88 foot Long Ladder-line fed dipole at 35 feet AGL.
Active Mini-Whip at 36 Feet AGL for LF/MW.
37 foot "Low Noise Vertical" at 11 feet AGL for LF/MW/SW.

Merced, Central California, 37, 18, 37N 120, 30, 6W CM97rh

13100. TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 08:03:13 UTC
From: gm4hrl@...
Topic: 13100 Message: 13100

Hi everyone,

As a new member to the group I'm looking for some info on the cap replacement on the TS850s

I know this subject has been covered a number to times within the group but one thing I can't fined is what are the
1. Quantity of each cap required
2. The values and voltage rating required
3. which boards do they effect
4. Is there anything else I should address
I know about the lithium battery, it will need replaced.
which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.
I have done a number of mods that I have found on the web to improve it.
The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option.
Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz

Thanks
Tony GM4HRL

13101. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 17:49:28 UTC
From: Bob Naylor
Topic: 13100 Message: 13101

Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.Maybe someone here has a spare filter???
A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
Bob WE6C
From: "gm4hrl@yahoo.co.uk [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 10, 2015 1:03 AM
Subject: [TS-850_450_690] TS850s Caps

Hi everyone,
As a new member to the group I'm looking for some info on the cap replacement on the TS850s I know this subject has been covered a number to times within the group but one thing I can't fined is what are the 1. Quantity of each cap required 2. The values and voltage rating required3. which boards do they effect4. Is there anything else I should addressI know about the lithium battery, it will need replaced.which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.I have done a number of mods that I have found on the web to improve it.The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option. Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
ThanksTony GM4HRL

13102. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 19:19:40 UTC
From: Zack Widup
Topic: 13100 Message: 13102

There are quite a few files in the Files section dealing with this. In the folder "TS-450_690" there is actually a file called "TS-850_Carrier_Board_Cap_Replacement_W6OT.pdf" which shows the 11 capacitors to be replaced on the CAR board, and the Mouser part numbers for suitable replacements. The file "TS-450_690_Commom_problems_DV1TBX.pdf" shows the two capacitors on the display board that usually go bad. If you browse through the other files, you will find the rest covered. The two I just mentioned cover the commonest ones. You may have to bypass some traces with fine wire if the leakage from a capacitor corroded and ate away the traces on the board.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 3:03 AM, gm4hrl@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi everyone,
>
>
> As a new member to the group I'm looking for some info on the cap
> replacement on the TS850s
>
>
> I know this subject has been covered a number to times within the group
> but one thing I can't fined is what are the
>
> 1. Quantity of each cap required
>
> 2. The values and voltage rating required
>
> 3. which boards do they effect
>
> 4. Is there anything else I should address
>
> I know about the lithium battery, it will need replaced.
>
> which is the best type to replave it with, i.e. solder in or using a
> carrier for a button cell.
>
>
>
> I know my rig is getting on in age and its a good rig and like a number of
> guys I dont have the funding to replace the rig. So I'm looking to keep
> this rig a live for a number years to come.

>
> I have done a number of mods that I have found on the web to improve it.
>
> The only other thing I would like to try and do is put some more fillters
> in. getting the original type is a problem so aftermarket one's would be
> the only option.
>
> Does any one know who does an aftermarket filter, I'm mainly looking at
> filters for CW 500Hz
>
>
> Thanks
>
> Tony GM4HRL
>
>
>

13103. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 18:25:02 UTC
From: Drew Wilson
Topic: 13100 Message: 13103

Hi Tony

I've recently overhauled my 850 replacing the capacitors on my carrier & display boards. These are the two boards that can cause operational issues if the capacitors leak.
There are aftermarket spares kits available but basically, you should replace all caps with same value but a higher operating voltage. Up from 16 to 25 volts.
I've also fitted a CR2032 battery holder on the control board that allows me to replace the battery easily when required.
There are some horror stories about capacitors leaking on the carrier board and causing all sorts of issues even leading to failure of the DDS chips which are no longer available so I highly recommend these caps are changed as a minimum.
Geoff at Castle Electronics in Wales will provide a full overhaul and service if you don't wish to undertake the work.

Filters for the 850 are readily available on ebay or Inrad filters via Vine Electronics or directly online.

Regards

Drew
GM0BRJ

On 10 Mar 2015 17:24, at 17:24, "gm4hrl@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:
>Hi everyone,
>
>
>As a new member to the group I'm looking for some info on the cap
>replacement on the TS850s
>
>
>I know this subject has been covered a number to times within the group
>but one thing I can't fined is what are the
> 1. Quantity of each cap required
> 2. The values and voltage rating required
> 3. which boards do they effect
> 4. Is there anything else I should address
> I know about the lithium battery, it will need replaced.
>which is the best type to replave it with, i.e. solder in or using a
>carrier for a button cell.
>
>
>
>
>I know my rig is getting on in age and its a good rig and like a number
>of guys I dont have the funding to replace the rig. So I'm looking to

>keep this rig a live for a number years to come.
>I have done a number of mods that I have found on the web to improve
>it.
>The only other thing I would like to try and do is put some more
>fillters in. getting the original type is a problem so aftermarket
>one's would be the only option.
>Does any one know who does an aftermarket filter, I'm mainly looking at
>filters for CW 500Hz
>
>
> Thanks
> Tony GM4HRL

13104. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 18:57:22 UTC
From: gm4hrl@...
Topic: 13100 Message: 13104

Thanks Bob,
I will have a look at inrad and see how much they are.
Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.
I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.

reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up

Tony Gm4hrl

---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :

Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.
Maybe someone here has a spare filter???

A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.

I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!

Bob WE6C

From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 10, 2015 1:03 AM
Subject: [TS-850_450_690] TS850s Caps

Hi everyone,

As a new member to the group I'm looking for some info on the cap replacement on the TS850s

I know this subject has been covered a number to times within the group but one thing I can't fined is what are the
1. Quantity of each cap required
2. The values and voltage rating required
3. which boards do they effect
4. Is there anything else I should address
I know about the lithium battery, it will need replaced.
which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.
I have done a number of mods that I have found on the web to improve it.
The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option.
Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz

Thanks
Tony GM4HRL

13105. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 20:29:06 UTC
From: gm4hrl@...
Topic: 13100 Message: 13105

Thanks to all I will follow these leads up and see about getting the work done as I want the rig to last agood number of years to come.

Tony GM4HRL

13106. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-10 20:40:22 UTC
From: Zack Widup
Topic: 13100 Message: 13106

I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.

The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.

I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Thanks Bob,
> I will have a look at inrad and see how much they are.
> Getting the rig checked I should be able to do that my self as I was in
> the industry for 25 years and have been able to pick up a HP8920 RT test
> set.
> I was more concerned about the caps so I could order them in a higher
> quantity and get a better price, as there is usually price breaks.
>
> reading some things in the group there has been some odd ball falts crop
> up, so i was looking for some pointers on more common faults that may crop
> up
>
> Tony Gm4hrl
>
> ---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :
>
> Tony, There's always plenty of filters on e-bay. You can also get them
> through "Inrad" which some people say are better. Finding filters will not
> be a problem.
> Maybe someone here has a spare filter???

>
> A couple years ago I sent my 850 to Clif Avvid in Texas to have him go
> through it. The radio had no problems but I wanted it to last me another 20
> years. He checked things and replaced a few suspect caps, aligned etc.
> Maybe you can look into doing the same thing. Shipping may be an issue for
> you though.
>
> I don't have the funding for a new rig either but even if I did I would
> stick with my 850. I like it that much. But there is one exception, a new
> Kenwood 990 but I don't have a spare 8 grand laying around!
>
> Bob WE6C
>
> ------------------------------
> *From:* "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Tuesday, March 10, 2015 1:03 AM
> *Subject:* [TS-850_450_690] TS850s Caps
>
>
> Hi everyone,
>
> As a new member to the group I'm looking for some info on the cap
> replacement on the TS850s
>
> I know this subject has been covered a number to times within the group
> but one thing I can't fined is what are the
> 1. Quantity of each cap required
> 2. The values and voltage rating required
> 3. which boards do they effect
> 4. Is there anything else I should address
> I know about the lithium battery, it will need replaced.
> which is the best type to replave it with, i.e. solder in or using a
> carrier for a button cell.
>
>
> I know my rig is getting on in age and its a good rig and like a number of
> guys I dont have the funding to replace the rig. So I'm looking to keep
> this rig a live for a number years to come.
> I have done a number of mods that I have found on the web to improve it.
> The only other thing I would like to try and do is put some more fillters
> in. getting the original type is a problem so aftermarket one's would be
> the only option.
> Does any one know who does an aftermarket filter, I'm mainly looking at
> filters for CW 500Hz
>
> Thanks
> Tony GM4HRL
>
>

>
>

13107. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-11 09:20:16 UTC
From: Rick KC0HH
Topic: 13100 Message: 13107

Don't forget the cap on the audio board. If I remember it is C187. Cap leaking manifests itself by unworking or low audio. All the parts from Mouser, which are the 11 caps on the carrier board, the one on the display board and the one on the audio board, plus the battery holder were about $20 total. I think I have Mouser invoice with the part numbers.
   There was somebody in the U.K. who offered replacement kits with the SMD caps for the carrier board for about GBP 9.95. I believe he was in Essex. Might check E-Bay
 73' Rick KC0HH
Lamar, Colorado
From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 10, 2015 2:40 PM
Subject: Re: [TS-850_450_690] TS850s Caps

  I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.

The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.

I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

  Thanks Bob,I will have a look at inrad and see how much they are.Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.
reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
Tony Gm4hrl

---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :

Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.Maybe someone here has a spare filter???

A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
Bob WE6C
From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 10, 2015 1:03 AM
Subject: [TS-850_450_690] TS850s Caps

Hi everyone,
As a new member to the group I'm looking for some info on the cap replacement on the TS850s I know this subject has been covered a number to times within the group but one thing I can't fined is what are the 1. Quantity of each cap required 2. The values and voltage rating required3. which boards do they effect4. Is there anything else I should addressI know about the lithium battery, it will need replaced.which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.I have done a number of mods that I have found on the web to improve it.The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option. Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
ThanksTony GM4HRL

13108. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-11 18:28:51 UTC
From: Bob Naylor
Topic: 13100 Message: 13108

Tony, Someone wrote here a while back that one (maybe more) of the electrolytic's was a 16 volt. That's cutting awful close in my opinion. Maybe replacing that/those with 25 volt would be better.Something to think about.
Glad you can do this yourself. It'll save you a lot of shipping. For myself, my hobby is working on and fixing little transistor radios and "AA5's" (All American 5 radios). These 850's are a little much for me after working 50+ hours a week. It would be more like a job than a hobby so I let Clif, the expert, take care of mine.73, Bob WE6C

From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 10, 2015 1:40 PM
Subject: Re: [TS-850_450_690] TS850s Caps

  I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.

The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.

I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

  Thanks Bob,I will have a look at inrad and see how much they are.Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.
reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
Tony Gm4hrl

---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :

Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.Maybe someone here has a spare filter???

A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
Bob WE6C
From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 10, 2015 1:03 AM
Subject: [TS-850_450_690] TS850s Caps

Hi everyone,
As a new member to the group I'm looking for some info on the cap replacement on the TS850s I know this subject has been covered a number to times within the group but one thing I can't fined is what are the 1. Quantity of each cap required 2. The values and voltage rating required3. which boards do they effect4. Is there anything else I should addressI know about the lithium battery, it will need replaced.which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.I have done a number of mods that I have found on the web to improve it.The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option. Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
ThanksTony GM4HRL

13109. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-11 18:50:50 UTC
From: Gene Sailsbury
Topic: 13100 Message: 13109

Please take this email address off of yours. The person is deceased. Thanks

On Wednesday, March 11, 2015 10:58 AM, "Rick KC0HH kc0hh@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Don't forget the cap on the audio board. If I remember it is C187. Cap leaking manifests itself by unworking or low audio. All the parts from Mouser, which are the 11 caps on the carrier board, the one on the display board and the one on the audio board, plus the battery holder were about $20 total. I think I have Mouser invoice with the part numbers.

There was somebody in the U.K. who offered replacement kits with the SMD caps for the carrier board for about GBP 9.95. I believe he was in Essex. Might check E-Bay

73' Rick KC0HH
Lamar, Colorado

From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 10, 2015 2:40 PM
Subject: Re: [TS-850_450_690] TS850s Caps

I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.

The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.

I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>Thanks Bob,
>I will have a look at inrad and see how much they are.
>Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.

>I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.
>
>
>reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
>
>
>Tony Gm4hrl
>
>---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :
>
>
>Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.
>Maybe someone here has a spare filter???
>
>
>A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
>
>
>I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
>
>
>Bob WE6C
>
>
>_________________________________
> From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
>To: TS-850_450_690@yahoogroups.com
>Sent: Tuesday, March 10, 2015 1:03 AM
>Subject: [TS-850_450_690] TS850s Caps
>
>
>
>
>Hi everyone,
>
>
>As a new member to the group I'm looking for some info on the cap replacement on the TS850s
>
>
>I know this subject has been covered a number to times within the group but one thing I can't fined is what are the

>1. Quantity of each cap required
>2. The values and voltage rating required
>3. which boards do they effect
>4. Is there anything else I should address
>I know about the lithium battery, it will need replaced.
>which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.
>
>
>
>
>I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.
>I have done a number of mods that I have found on the web to improve it.
>The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option.
>Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
>
>
>Thanks
>Tony GM4HRL

>
>

13110. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-11 19:03:23 UTC
From: Tony
Topic: 13100 Message: 13110

There's a guy on the UK ebay selling sets of caps for the 850 and his are rated at 35v and the price was quite reasonable. 16v is too near the rail voltage of 12v This is probably why they start leaking when they get older and tired.
Tony GM4HRL

Sent from my iPhone

> On 11 Mar 2015, at 18:28, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@...m> wrote:
>
> Tony, Someone wrote here a while back that one (maybe more) of the electrolytic's was a 16 volt. That's cutting awful close in my opinion. Maybe replacing that/those with 25 volt would be better.
> Something to think about.
>
> Glad you can do this yourself. It'll save you a lot of shipping. For myself, my hobby is working on and fixing little transistor radios and "AA5's" (All American 5 radios). These 850's are a little much for me after working 50+ hours a week. It would be more like a job than a hobby so I let Clif, the expert, take care of mine.
> 73, Bob WE6C
>
>
>
> From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, March 10, 2015 1:40 PM
> Subject: Re: [TS-850_450_690] TS850s Caps
>
>
> I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.
>
> The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.
>
> I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.
>

> 73, Zack W9SZ
>
>
>
>
> On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:
>
> Thanks Bob,
> I will have a look at inrad and see how much they are.
> Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.
> I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.
>
> reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
>
> Tony Gm4hrl
>
> ---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :
>
> Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.
> Maybe someone here has a spare filter???
>
> A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
>
> I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
>
> Bob WE6C
>
> From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, March 10, 2015 1:03 AM
> Subject: [TS-850_450_690] TS850s Caps
>
>
> Hi everyone,
>
> As a new member to the group I'm looking for some info on the cap replacement on the TS850s
>

> I know this subject has been covered a number to times within the group but one thing I can't fined is what are the
> 1. Quantity of each cap required
> 2. The values and voltage rating required
> 3. which boards do they effect
> 4. Is there anything else I should address
> I know about the lithium battery, it will need replaced.
> which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.
>
>
> I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.
> I have done a number of mods that I have found on the web to improve it.
> The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option.
> Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
>
> Thanks
> Tony GM4HRL
>
>
>
>
>
>

13111. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-12 15:46:59 UTC
From: Bob Naylor
Topic: 13100 Message: 13111

Tony, Right! I wonder why Kenwood would cut it that close. I know when you study capacitors there's an entire library on them so maybe Kenwood wanted these particular caps to run at close to their voltage rating? Not sure why that would be but the designers are smarter than I!Anyone have an idea on that?Bob WE6C
From: "Tony gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 11, 2015 12:03 PM
Subject: Re: [TS-850_450_690] TS850s Caps

  There's a guy on the UK ebay selling sets of caps for the 850 and his are rated at 35v and the price was quite reasonable. 16v is too near the rail voltage of 12v This is probably why they start leaking when they get older and tired. Tony GM4HRL

Sent from my iPhone

On 11 Mar 2015, at 18:28, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  Tony, Someone wrote here a while back that one (maybe more) of the electrolytic's was a 16 volt. That's cutting awful close in my opinion. Maybe replacing that/those with 25 volt would be better.Something to think about.
Glad you can do this yourself. It'll save you a lot of shipping. For myself, my hobby is working on and fixing little transistor radios and "AA5's" (All American 5 radios). These 850's are a little much for me after working 50+ hours a week. It would be more like a job than a hobby so I let Clif, the expert, take care of mine.73, Bob WE6C

From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 10, 2015 1:40 PM
Subject: Re: [TS-850_450_690] TS850s Caps

  I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.

The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.

I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@....uk [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

Thanks Bob,I will have a look at inrad and see how much they are.Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks. reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
Tony Gm4hrl

---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :

Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.Maybe someone here has a spare filter???
A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
Bob WE6C
From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 10, 2015 1:03 AM
Subject: [TS-850_450_690] TS850s Caps

Hi everyone,
As a new member to the group I'm looking for some info on the cap replacement on the TS850s I know this subject has been covered a number to times within the group but one thing I can't fined is what are the 1. Quantity of each cap required 2. The values and voltage rating required3. which boards do they effect4. Is there anything else I should addressI know about the lithium battery, it will need replaced.which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.I have done a number of mods that I have found on the web to improve it.The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option. Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
ThanksTony GM4HRL

13112. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-12 17:35:08 UTC
From: Tony
Topic: 13100 Message: 13112

Bob,
One of the things that can be a factor is cost. Also they did not think that the 850 would last this long, so you could say it's built in obsolescence. It's the same with some of the IC's you cannot get them any more not without going through some companies who specialise in searching for obsolete components. But with this old a rig it would be highly unlikely to find them. After 10years depletion of certain components is quite rapid. At the time of design there can also be a shortage of certain components so that can be a factor to what they chose or they may have had a large stock from other projects.
Tony GM4 HRL

Sent from my iPhone

> On 12 Mar 2015, at 15:46, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> Tony, Right! I wonder why Kenwood would cut it that close. I know when you study capacitors there's an entire library on them so maybe Kenwood wanted these particular caps to run at close to their voltage rating? Not sure why that would be but the designers are smarter than I!

> Anyone have an idea on that?
> Bob WE6C
>
> From: "Tony gm4hrl@....uk [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, March 11, 2015 12:03 PM
> Subject: Re: [TS-850_450_690] TS850s Caps
>
>
> There's a guy on the UK ebay selling sets of caps for the 850 and his are rated at 35v and the price was quite reasonable. 16v is too near the rail voltage of 12v This is probably why they start leaking when they get older and tired.
> Tony GM4HRL
>
> Sent from my iPhone
>
>
>
>> On 11 Mar 2015, at 18:28, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>
>>
>> Tony, Someone wrote here a while back that one (maybe more) of the electrolytic's was a 16 volt. That's cutting awful close in my opinion. Maybe replacing that/those with 25 volt would be better.
>> Something to think about.

>>
>> Glad you can do this yourself. It'll save you a lot of shipping. For myself, my hobby is working on and fixing little transistor radios and "AA5's" (All American 5 radios). These 850's are a little much for me after working 50+ hours a week. It would be more like a job than a hobby so I let Clif, the expert, take care of mine.
>> 73, Bob WE6C
>>
>>
>>
>> From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
>> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
>> Sent: Tuesday, March 10, 2015 1:40 PM
>> Subject: Re: [TS-850_450_690] TS850s Caps
>>
>>
>> I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.
>>
>> The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.
>>
>> I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.
>>
>> 73, Zack W9SZ
>>
>>
>>
>>
>> On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:
>>
>> Thanks Bob,
>> I will have a look at inrad and see how much they are.
>> Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.
>> I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.
>>
>> reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
>>
>> Tony Gm4hrl
>>

>> ---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :
>>
>> Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.
>> Maybe someone here has a spare filter???
>>
>> A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
>>
>> I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
>>
>> Bob WE6C
>>
>> From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Tuesday, March 10, 2015 1:03 AM
>> Subject: [TS-850_450_690] TS850s Caps
>>
>>
>> Hi everyone,
>>
>> As a new member to the group I'm looking for some info on the cap replacement on the TS850s
>>
>> I know this subject has been covered a number to times within the group but one thing I can't fined is what are the
>> 1. Quantity of each cap required
>> 2. The values and voltage rating required
>> 3. which boards do they effect
>> 4. Is there anything else I should address
>> I know about the lithium battery, it will need replaced.
>> which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.
>>
>>
>> I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.
>> I have done a number of mods that I have found on the web to improve it.
>> The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option.
>> Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
>>
>> Thanks
>> Tony GM4HRL

>
>
>
>

13113. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-12 21:18:26 UTC
From: myyahoo@...
Topic: 13100 Message: 13113

Because, as much as I really enjoy my Kenwood rigs, one or more of the Kenwood engineers back then cut corners on a number of rigs with capacitor ratings - the TM742 (and similar) radios have this problem as well.

Do up the ratings (I don't use anything less than 25 volt caps in a 13 volt circuit), and buy from reputable 'authorised' sources (e.g., Mouser and Digikey in the US) because there are a lot of 'counterfeit' parts out there, it's become the bane of the supply chain. I buy cheap caps from Hong Kong for breadboarding, but my rigs get caps from reliable vendors - it's too much trouble to fix a rig again to save a buck or two on caps.

- Richard, VE7CVS

13114. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-13 00:15:42 UTC
From: Bob Naylor
Topic: 13100 Message: 13114

Tony, You're probably right but they had to know that the 850 was not your ordinary radio and it would be very desirable for many years. Just my opinion. Cutting costs 99% of the time doesn't pay.Bob WE6C
From: "Tony gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 12, 2015 10:35 AM
Subject: Re: [TS-850_450_690] TS850s Caps

Bob, One of the things that can be a factor is cost. Also they did not think that the 850 would last this long, so you could say it's built in obsolescence. It's the same with some of the IC's you cannot get them any more not without going through some companies who specialise in searching for obsolete components. But with this old a rig it would be highly unlikely to find them. After 10years depletion of certain components is quite rapid. At the time of design there can also be a shortage of certain components so that can be a factor to what they chose or they may have had a large stock from other projects. Tony GM4 HRL

Sent from my iPhone

On 12 Mar 2015, at 15:46, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Tony, Right! I wonder why Kenwood would cut it that close. I know when you study capacitors there's an entire library on them so maybe Kenwood wanted these particular caps to run at close to their voltage rating? Not sure why that would be but the designers are smarter than I!Anyone have an idea on that?Bob WE6C
From: "Tony gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 11, 2015 12:03 PM
Subject: Re: [TS-850_450_690] TS850s Caps

There's a guy on the UK ebay selling sets of caps for the 850 and his are rated at 35v and the price was quite reasonable. 16v is too near the rail voltage of 12v This is probably why they start leaking when they get older and tired. Tony GM4HRL

Sent from my iPhone

On 11 Mar 2015, at 18:28, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Tony, Someone wrote here a while back that one (maybe more) of the electrolytic's was a 16 volt. That's cutting awful close in my opinion. Maybe replacing that/those with 25 volt would be better.Something to think about.
Glad you can do this yourself. It'll save you a lot of shipping. For myself, my hobby is working on and fixing little transistor radios and "AA5's" (All American 5 radios). These 850's are a little much for me after working 50+ hours a week. It would be more like a job than a hobby so I let Clif, the expert, take care of mine.73, Bob WE6C

From: "Zack Widup w9sz.zack@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 10, 2015 1:40 PM
Subject: Re: [TS-850_450_690] TS850s Caps

I just did these replacements about 6 months ago. I don't know how expensive it is for you to order from Mouser overseas, but the referenced Mouser replacement capacitors fit quite well into the places where the old ones were. I was lucky in that 6 out of the 11 capacitors on my CAR board had leaked but they had not damaged the board. The CAR board is very easy to get to and remove.

The display board is even easier to get to. The leaky cap on that board DID damage traces in my 850. It was pretty easy to bridge them with small pieces of wire, though.

I got a CR2032 coin cell holder and installed it near the original location board with some double-sided foam tape. I ran wires to the board where the coin cell was. Note - if your coin cell has not run down, it is probably maintaining the memories in the radio. When you remove the coin cell, the radio loses the memories. So if you have frequencies in the memories you want to keep, make a table of what you have so you can re-enter them afer replacing the battery.

73, Zack W9SZ

On Tue, Mar 10, 2015 at 1:57 PM, gm4hrl@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

Thanks Bob,I will have a look at inrad and see how much they are.Getting the rig checked I should be able to do that my self as I was in the industry for 25 years and have been able to pick up a HP8920 RT test set.I was more concerned about the caps so I could order them in a higher quantity and get a better price, as there is usually price breaks.
reading some things in the group there has been some odd ball falts crop up, so i was looking for some pointers on more common faults that may crop up
Tony Gm4hrl

---In TS-850_450_690@yahoogroups.com, <wotbob01@...> wrote :

Tony, There's always plenty of filters on e-bay. You can also get them through "Inrad" which some people say are better. Finding filters will not be a problem.Maybe someone here has a spare filter???
A couple years ago I sent my 850 to Clif Avvid in Texas to have him go through it. The radio had no problems but I wanted it to last me another 20 years. He checked things and replaced a few suspect caps, aligned etc. Maybe you can look into doing the same thing. Shipping may be an issue for you though.
I don't have the funding for a new rig either but even if I did I would stick with my 850. I like it that much. But there is one exception, a new Kenwood 990 but I don't have a spare 8 grand laying around!
Bob WE6C
From: "gm4hrl@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 10, 2015 1:03 AM
Subject: [TS-850_450_690] TS850s Caps

Hi everyone,
As a new member to the group I'm looking for some info on the cap replacement on the TS850s I know this subject has been covered a number to times within the group but one thing I can't fined is what are the 1. Quantity of each cap required 2. The values and voltage rating required3. which boards do they effect4. Is there anything else I should addressI know about the lithium battery, it will need replaced.which is the best type to replave it with, i.e. solder in or using a carrier for a button cell.

I know my rig is getting on in age and its a good rig and like a number of guys I dont have the funding to replace the rig. So I'm looking to keep this rig a live for a number years to come.I have done a number of mods that I have found on the web to improve it.The only other thing I would like to try and do is put some more fillters in. getting the original type is a problem so aftermarket one's would be the only option. Does any one know who does an aftermarket filter, I'm mainly looking at filters for CW 500Hz
ThanksTony GM4HRL

13115. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-13 00:17:53 UTC
From: Bob Naylor
Topic: 13100 Message: 13115

Richard, Good point. My little transistor radios are quite a bit different than an 850! I've never ordered from Digi-key but have from Mouser. Mouser ships fast and reasonable. Very happy with them.Bob WE6C
From: "myyahoo@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 12, 2015 2:18 PM
Subject: Re: [TS-850_450_690] TS850s Caps

Because, as much as I really enjoy my Kenwood rigs, one or more of the Kenwood engineers back then cut corners on a number of rigs with capacitor ratings - the TM742 (and similar) radios have this problem as well.

Do up the ratings (I don't use anything less than 25 volt caps in a 13 volt circuit), and buy from reputable 'authorised' sources (e.g., Mouser and Digikey in the US) because there are a lot of 'counterfeit' parts out there, it's become the bane of the supply chain. I buy cheap caps from Hong Kong for breadboarding, but my rigs get caps from reliable vendors - it's too much trouble to fix a rig again to save a buck or two on caps.

- Richard, VE7CVS

13116. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-13 00:56:09 UTC
From: myyahoo@...
Topic: 13100 Message: 13116

Hi, Bob:

I agrre - I've ordered from both, but Mouser gets most of my business, they don't mind small orders and now have cheap shipping to residential addresses. I've had to resort to Digikey occasionally for parts that Mouser didn't stock (or didn't have in stock).

- Richard, VE7CVS

13117. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-13 06:54:37 UTC
From: Zack Widup
Topic: 13100 Message: 13117

I've been ordering parts from both Digi-Key and Mouser for many years.
Each stocks some parts that the other doesn't. Both are fast for me.
Digi-Key in Minnesota and Mouser in Texas take about the same amount
of transit time to Illinois. Both ship the same day as the order if
it's before 4 pm.

73, Zack W9SZ

On 3/12/15, myyahoo@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:
> Hi, Bob:
>
> I agrre - I've ordered from both, but Mouser gets most of my business, they
> don't mind small orders and now have cheap shipping to residential
> addresses. I've had to resort to Digikey occasionally for parts that Mouser
> didn't stock (or didn't have in stock).
>
> - Richard, VE7CVS

13118. Re: [TS-850_450_690] TS850s Caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-13 06:47:42 UTC
From: Stewart Braud
Topic: 13100 Message: 13118

Tony,
Check ebay, I found a pair of new old stock filters last year cheap.

They are working great.
Good luck

73's
Stew
K5STA

On Thu, Mar 12, 2015 at 7:56 PM, myyahoo@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi, Bob:
>
> I agrre - I've ordered from both, but Mouser gets most of my business,
> they don't mind small orders and now have cheap shipping to residential
> addresses. I've had to resort to Digikey occasionally for parts that Mouser
> didn't stock (or didn't have in stock).
>
> - Richard, VE7CVS
>
>

13119. 450S ALC in SSB no reading unless power backed down.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-14 03:24:31 UTC
From: rsa2000_us@...
Topic: 13119 Message: 13119

Recently picked up a 450s. On CW and AM ALC is fully adjustable on the scale. On SSB even with the Mic gain fully clockwise and yelling I get nothing on the ALC scale yet seems to be puting out full power. If I back the power down to about half way I get ALC and can adjust with mic gain. Is this normal? I am used to using an 830s and unsure.

13120. Re: [TS-850_450_690] 450S ALC in SSB no reading unless power backed down.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-14 11:48:12 UTC
From: Dave ve3wej
Topic: 13119 Message: 13120

where is your 'car' knob set to. possibly it is set to far down??

Dave Garber
VE3WEJ / VE3IE

On Fri, Mar 13, 2015 at 11:24 PM, rsa2000_us@yahoo.com [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Recently picked up a 450s. On CW and AM ALC is fully adjustable on the
> scale. On SSB even with the Mic gain fully clockwise and yelling I get
> nothing on the ALC scale yet seems to be puting out full power. If I back
> the power down to about half way I get ALC and can adjust with mic gain.
> Is this normal? I am used to using an 830s and unsure.
>
>
>
>

13121. TS-850 low to no power Tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-14 16:13:14 UTC
From: john.faughn@...
Topic: 13121 Message: 13121

I think I've got a handle on this issue , it has been intermittent many times as a set up to test , it works normal .
At a time when it not working correctly , it will go to a max of 5-10 watts and then fall to zero output , but only in SSB , but full out put in other modes .
Many times it I try to spin some pots like PWR , AF etc. some times I get power back .
I have read a couple other similar power issues , like filter issues , DC-DC board , but it seems that from what I have read , there is no return of Tx power ?

Thanks John
KD0CAC

13122. Re: TS-850 low to no power Tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 20:11:37 UTC
From: John tf
Topic: 13121 Message: 13122

Bump , did not see any replies so bumping , hoping to find a fix , suggestions for parts to test ?

Thanks again
John
KD0CAC

13123. Antenna tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 19:28:47 UTC
From: kb8cmw@...
Topic: 13123 Message: 13123

Have a chance to buy TS-690S without antenna tuner.
I own TS-450S with automatic antenna tuner. My
question is will my antenna tuner work in TS-690S?
I was told it would work on 80-10M but not on 6M.Any thoughts.

Thanks
Paul KB8CMW

13124. Re: [TS-850_450_690] 450S ALC in SSB no reading unless power backed down.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-14 15:14:11 UTC
From: rsa2000_us@...
Topic: 13119 Message: 13124

I have tried different CAR settings. If I read the manual correctly the CAR control does not affect SSB.

13125. Re: [TS-850_450_690] 450S ALC in SSB no reading unless power backed down.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 19:32:52 UTC
From: rsa2000_us@...
Topic: 13119 Message: 13125

CAR knob doesn't seem to change anything except on AM modes. I set the mic gain till I got full power speaking normally the backed it off some and I get good audio reports so I guess I can live without the ALC indication, but may be more concerning when I get around to using digital modes. I just don't want to be the guy that splatters all over the band. I would not be surprised if someone had "made adjustments" before I purchased the radio trying to pump more power out. It seems stock watts still because I get 105 watts dead key on AM.

13126. Re: [TS-850_450_690] Antenna tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 21:27:20 UTC
From: Dave ve3wej
Topic: 13123 Message: 13126

not sure, but the manuals are the same book, so whatever your manual says....

Dave Garber
VE3WEJ / VE3IE

On Wed, Mar 18, 2015 at 3:28 PM, kb8cmw@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Have a chance to buy TS-690S without antenna tuner.
>
> I own TS-450S with automatic antenna tuner. My
>
> question is will my antenna tuner work in TS-690S?
>
> I was told it would work on 80-10M but not on 6M.Any thoughts.
>
>
> Thanks
>
> Paul KB8CMW
>
>
>

13127. RE: [TS-850_450_690] Antenna tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 21:39:28 UTC
From: Mike - AA1AR
Topic: 13123 Message: 13127

Hi, Paul

Yes, it’s the same tuner for the 450 and 690, and 80m thru 10m is correct.

I have a 690 with the tuner.

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, March 18, 2015 3:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Antenna tuner

Have a chance to buy TS-690S without antenna tuner.

I own TS-450S with automatic antenna tuner. My

question is will my antenna tuner work in TS-690S?

I was told it would work on 80-10M but not on 6M.Any thoughts.

Thanks

Paul KB8CMW

13128. Re: [TS-850_450_690] TS-850 low to no power Tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 21:30:30 UTC
From: Dave ve3wej
Topic: 13121 Message: 13128

low output on ssb may be from not enough audio input. how is your mike, or

sound card input levels...

fsk mode, hit send, should have full rf output, but check CAR level, maybe
too low. so not enough drive

Dave Garber
VE3WEJ / VE3IE

On Sat, Mar 14, 2015 at 12:13 PM, john.faughn@gmail.com [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I think I've got a handle on this issue , it has been intermittent many
> times as a set up to test , it works normal .
>
> At a time when it not working correctly , it will go to a max of 5-10
> watts and then fall to zero output , but only in SSB , but full out put in
> other modes .
>
> Many times it I try to spin some pots like PWR , AF etc. some times I get
> power back .
>

> I have read a couple other similar power issues , like filter issues ,
> DC-DC board , but it seems that from what I have read , there is no return

> of Tx power ?
>
>
> Thanks John
>
> KD0CAC
>
>
>

13129. Re: [TS-850_450_690] 450S ALC in SSB no reading unless power backed down.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 23:26:43 UTC
From: Tom Waraksa
Topic: 13119 Message: 13129

Correct. CAR is used on all modes except SSB.

Tom AF8P

Sent from Yahoo Mail on Android

13130. Re: [TS-850_450_690] Antenna tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-18 23:32:54 UTC
From: Tom Waraksa
Topic: 13123 Message: 13130

Paul,

Please restate your question as it is a bit confusing. Thanks,

Tom AF8P

Sent from Yahoo Mail on Android

13131. Re: [TS-850_450_690] Antenna tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-19 01:05:08 UTC
From: kb8cmw@...
Topic: 13123 Message: 13131

Tom,

I want to take antenna tuner out of TS-450S and install
it into TS-690S. I wasn't sure it would work in TS-690S.
Then I was told it won't tune 6M.
Sorry for the confusion.

Thanks
Paul KB8CMW

13132. Re: [TS-850_450_690] TS-850 low to no power Tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-19 04:06:02 UTC
From: John tf
Topic: 13121 Message: 13132

No sound card , the mike is ok , works fine on all modes using mike and speaking into .
No change in CAR adjusting to lower , I did try turn the last 1/4 turn to see if that made any difference , no change to max level .

On Wed, Mar 18, 2015 at 4:30 PM, Dave ve3wej ve3wej@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> low output on ssb may be from not enough audio input. how is your mike,
> or sound card input levels...
>
> fsk mode, hit send, should have full rf output, but check CAR level, maybe
> too low. so not enough drive
>
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Sat, Mar 14, 2015 at 12:13 PM, john.faughn@... [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I think I've got a handle on this issue , it has been intermittent many
>> times as a set up to test , it works normal .
>>
>> At a time when it not working correctly , it will go to a max of 5-10
>> watts and then fall to zero output , but only in SSB , but full out put in
>> other modes .
>>
>> Many times it I try to spin some pots like PWR , AF etc. some times I get
>> power back .
>>
>> I have read a couple other similar power issues , like filter issues ,
>> DC-DC board , but it seems that from what I have read , there is no return
>> of Tx power ?
>>
>>
>> Thanks John
>>
>> KD0CAC
>>

>>
>
>

13133. Re: [TS-850_450_690] TS-850 low to no power Tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-19 12:22:42 UTC
From: Steve
Topic: 13121 Message: 13133

It is a great radio.

Sent from my iPhone

> On Mar 19, 2015, at 12:06 AM, John tf john.faughn@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> No sound card , the mike is ok , works fine on all modes using mike and speaking into .
> No change in CAR adjusting to lower , I did try turn the last 1/4 turn to see if that made any difference , no change to max level .
>
>> On Wed, Mar 18, 2015 at 4:30 PM, Dave ve3wej ve3wej@gmail.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>
>> low output on ssb may be from not enough audio input. how is your mike, or sound card input levels...
>>
>> fsk mode, hit send, should have full rf output, but check CAR level, maybe too low. so not enough drive
>>
>>
>>
>> Dave Garber
>> VE3WEJ / VE3IE
>>
>>> On Sat, Mar 14, 2015 at 12:13 PM, john.faughn@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>>
>>> I think I've got a handle on this issue , it has been intermittent many times as a set up to test , it works normal .
>>>

>>> At a time when it not working correctly , it will go to a max of 5-10 watts and then fall to zero output , but only in SSB , but full out put in other modes .
>>>
>>> Many times it I try to spin some pots like PWR , AF etc. some times I get power back .
>>>
>>> I have read a couple other similar power issues , like filter issues , DC-DC board , but it seems that from what I have read , there is no return of Tx power ?
>>>
>>>
>>>
>>> Thanks John
>>>
>>> KD0CAC
>>>
>>
>

>

13134. Re: [TS-850_450_690] TS-850 low to no power Tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-19 19:20:16 UTC
From: Dave ve3wej
Topic: 13121 Message: 13134

just thought, when you output level drops, where is your ALC levels, are they full scale, or at a minimum.

car board can cause this issue, if you see the alc level full scale, check service archives

Dave Garber
VE3WEJ / VE3IE

On Thu, Mar 19, 2015 at 12:06 AM, John tf john.faughn@gmail.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> No sound card , the mike is ok , works fine on all modes using mike and
> speaking into .
> No change in CAR adjusting to lower , I did try turn the last 1/4 turn to
> see if that made any difference , no change to max level .
>
> On Wed, Mar 18, 2015 at 4:30 PM, Dave ve3wej ve3wej@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> low output on ssb may be from not enough audio input. how is your mike,
>> or sound card input levels...
>>
>> fsk mode, hit send, should have full rf output, but check CAR level,
>> maybe too low. so not enough drive
>>
>>
>>
>> Dave Garber
>> VE3WEJ / VE3IE
>>
>> On Sat, Mar 14, 2015 at 12:13 PM, john.faughn@... [TS-850_450_690]
>> <TS-850_450_690@yahoogroups.com> wrote:
>>
>>>
>>>
>>> I think I've got a handle on this issue , it has been intermittent many
>>> times as a set up to test , it works normal .
>>>
>>> At a time when it not working correctly , it will go to a max of 5-10
>>> watts and then fall to zero output , but only in SSB , but full out put in

>>> other modes .
>>>
>>> Many times it I try to spin some pots like PWR , AF etc. some times I
>>> get power back .
>>>
>>> I have read a couple other similar power issues , like filter issues ,
>>> DC-DC board , but it seems that from what I have read , there is no return
>>> of Tx power ?
>>>
>>>
>>> Thanks John
>>>
>>> KD0CAC
>>>
>>>
>>
>
>

13135. Re: [TS-850_450_690] Antenna tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-19 14:47:13 UTC
From: Tom Waraksa
Topic: 13123 Message: 13135

Paul,
I understand now. Have not heard of anyone doing that on this group, but you never know.
 Good luck and enjoy those kenwoods.
Best 73,
Tom AF8P

On Wednesday, March 18, 2015 10:29 PM, "kb8cmw@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:

  Tom,
I want to take antenna tuner out of TS-450S and installit into TS-690S. I wasn't sure it would work in TS-690S.Then I was told it won't tune 6M.Sorry for the confusion.

ThanksPaul KB8CMW

13136. TS450S Firmware ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-21 11:25:52 UTC
From: peterdstanford@...
Topic: 13136 Message: 13136

Hello Gentlemen, I am new to this forum and have just received a TS450S which has needed some TLC. All the usually suspect issues C104, some tracks corroded etc. It now all functions (I believe) as it shoudl except I Think the firmware (eprom) may be on the blink. To start the radio up it takes a few goes on the power button and when it finally does start up it is not behaving as it should. RX seems restricted and can only tunes upwards on some bands and occasionally when outside the Ham bands it jumps to 63MHz. All VCO measure good and voltages are ok. With Care I can tune the whole HF band.

The EPROM in the unit is marked JHXA and when I run the check sum it gives me 892b instead of 862b which I think means its not correct. I have the necessary burner etc to reprogram but no .bin. Has anyone in the group ever 'read' out a working Eprom? or know where I can download one from. Currently this is the only transceiver in the house and I would like to get it going...

Anyone?

Best wishes all , Pete VK4GXC

13137. cw power for official qrp qso ts450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-25 08:43:18 UTC
From: joel guiheneuf
Topic: 13137 Message: 13137

hello dear freinds

sorry i have lost the reduction power post

on TS450 sat.
1 with automatic tunner
2 without automatic tuner

how to past 10watts to 5 watts or less than to qrp or qrpp cw qso?

thanks for reply

best regards

73 /88 for you and family

f8ezz joel

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
http://www.avast.com

13138. Re: cw power for official qrp qso ts450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-26 00:17:36 UTC
From: w4jz@...
Topic: 13137 Message: 13138

Hi Joel,
Turn power all way counterclockwise. Then turn carrier counterclockwise and adjust out put power from 0 to 10 watts out in cw mode.

73,
Reed W4JZ

13139. Re: [TS-850_450_690] Re: cw power for official qrp qso ts450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-26 07:23:38 UTC
From: joel guiheneuf
Topic: 13137 Message: 13139

hello REED and my freinds

thanks for your reply

wonderful

hurry up with qrp

73/88

Joel F8EZZ
----- Original Message -----
From: w4jz@arrl.net [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 26, 2015 1:17 AM
Subject: [TS-850_450_690] Re: cw power for official qrp qso ts450 sat

Hi Joel,
Turn power all way counterclockwise. Then turn carrier counterclockwise and adjust out put power from 0 to 10 watts out in cw mode.

73,
Reed W4JZ

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
http://www.avast.com

13141. Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-30 22:36:09 UTC
From: lw3ewz@...
Topic: 7082 Message: 13141

Rob i have almost same problen with mi other 850 have 0.87 v in txb during receive. do yo have foun the solution for this problem.

the d31 is well the caps in car unit have changed.

if tb ups to 0.88 or 0.89 the receiver is deaf.. if put the txb to ground the receiver return

thanks

gus

lw3ewz

13142. Re: [TS-850_450_690] Ts 450 s ALC issue

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-30 19:17:54 UTC
From: Dave ve3wej
Topic: 13142 Message: 13142

have you tried a factory reset. Are you sure its a menu thing, and not a
golden screwdriver thing??? (inside as opposed to outside the radio)

Dave Garber
VE3WEJ / VE3IE

On Mon, Mar 30, 2015 at 12:39 AM, tim_luvs_dawn@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Just picked up a used Ts-450 and the previous owner screwed with the
> hidden menu(I know this is not good)The alc meter pegs on ssb with just a
> whisper,I have the service manual but not real sure i understand the steps
> and procedure of making the adjustment..I also have a tone generator so i
> should be able to get it back reading the way it should..I have followed
> the steps in the manual but still have not nailed down the direction's..Any
> one here that can lead me in the right direction please do..Thanks
>
>
>

13143. Re: [TS-850_450_690] Re: PA7TWO KWD-TS850Sat terrible smell after short transmit

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-30 23:51:35 UTC
From: Dave ve3wej
Topic: 7082 Message: 13143

does the receive come on after a small period of time. I suspect the mi204

or pin diode. there is a kenwood bulletin on this if this is correct

Dave Garber
VE3WEJ / VE3IE

On Mon, Mar 30, 2015 at 6:36 PM, lw3ewz@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Rob i have almost same problen with mi other 850 have 0.87 v in txb

> during receive.
> do yo have foun the solution for this problem.
>
> the d31 is well the caps in car unit have changed.
>
> if tb ups to 0.88 or 0.89 the receiver is deaf.. if put the txb to
> ground the receiver return
>
> thanks
>
> gus
>
> lw3ewz
>
>
>

13144. TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-31 20:10:17 UTC
From: wallroy@...
Topic: 13144 Message: 13144

I picked up a TS450S that is not working. I checked and there is no power out on any band. I tested the finals and they look ok. I used a Huntron 2000 for the test. So I checked the current draw of the radio: rec is about 1.2 amps; with send button push no audio it is drawing 2.4 amps; with button pushed and key down it draws 3.3 amps. I would like to do a factory reset but do not know how, can someone help me? I do have a service manual if PDF.

Sorry if this has been covered before I am new to the group.

73
Roy K0REW

13145. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-31 21:28:54 UTC
From: Jose V. Gavila
Topic: 13144 Message: 13145

Hi Roy,

Check around D104 on the IF UNIT for any sign of leakage... That is the #1 failure cause on TS-450s. If there is any sign of leaked cap, you need to remove C104 and also take out several components around, including IF filters, clean the area extensively AND redo some PCB vias there (all which seem darkened). It is a boring job but there is no shortcut to it. Even if that is not the cause for your problem, it is a MUST to do this work.

Regards,

JOSE

El 31/03/2015 a las 22:10, wallroy@... [TS-850_450_690] escribió:
>
>
> I picked up a TS450S that is not working. I checked and there is no
> power out on any band. I tested the finals and they look ok. I used a
> Huntron 2000 for the test. So I checked the current draw of the radio:
> rec is about 1.2 amps; with send button push no audio it is drawing 2.4
> amps; with button pushed and key down it draws 3.3 amps. I would like
> to do a factory reset but do not know how, can someone help me? I do
> have a service manual if PDF.
>
>
> Sorry if this has been covered before I am new to the group.
>
>
> 73
>
> Roy K0REW

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

13146. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-31 21:38:41 UTC
From: Tom Osborne
Topic: 13144 Message: 13146

To do a reset, hold the A=B key and turn the radio on. You can also
hold in the A/B key and turn the radio on to reset all the programmed data.

To check the menu items hold in the LSB/USB key and turn the radio on.
The one thing you want to check is that the menu item 19 is not set to
on. That is transmit inhibit. It needs to be set to 'off' to enable
transmit. To change the settings, use the band up/down buttons. To go
through the menu items, rotate the m.ch/vfo ch knob.

After you check it, to get back into operating mode, just hit the 'clr'
.button. There is also another menu that you activate by holding the
'M in' key and turning the radio on. 73 and GL
Tom W7WHY

On 3/31/2015 1:10 PM, wallroy@... [TS-850_450_690] wrote:
>
> I picked up a TS450S that is not working. I checked and there is no
> power out on any band. I tested the finals and they look ok. I used
> a Huntron 2000 for the test. So I checked the current draw of the
> radio: rec is about 1.2 amps; with send button push no audio it is
> drawing 2.4 amps; with button pushed and key down it draws 3.3 amps. I
> would like to do a factory reset but do not know how, can someone help
> me? I do have a service manual if PDF.
>
>
> Sorry if this has been covered before I am new to the group.
>

13147. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-03-31 21:16:24 UTC
From: Jason Ball
Topic: 13144 Message: 13147

Apologies... wrong email :/

On Wed, Apr 1, 2015 at 8:14 AM, Jason Ball <jason@...> wrote:

> Can that. Wrong campus.
> On 1 Apr 2015 08:08, "wallroy@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I picked up a TS450S that is not working. I checked and there is no
>> power out on any band. I tested the finals and they look ok. I used a
>> Huntron 2000 for the test. So I checked the current draw of the radio: rec
>> is about 1.2 amps; with send button push no audio it is drawing 2.4 amps;
>> with button pushed and key down it draws 3.3 amps. I would like to do a
>> factory reset but do not know how, can someone help me? I do have a
>> service manual if PDF.
>>
>>
>> Sorry if this has been covered before I am new to the group.
>>
>>
>> 73
>>
>> Roy K0REW
>>
>>
>>
>

--
--
Teach your kids Science, or somebody else will :/

jason@ball.net
vk2vjb@... <vk2flnx@...>
callsign: vk2vjb

13148. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-01 01:20:37 UTC
From: a1aop@...
Topic: 13144 Message: 13148

I think you meant C104, and yes, if it hasn't leaked yet it will. A timely replacement will avoid the headache of jumpering the traces

Jerry N3HAM

13149. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-01 01:40:00 UTC
From: wallroy@...
Topic: 13144 Message: 13149

Thanks Jose. I have done a quick cap check but did not do a real close look. All caps looked good but i will test them or replace them just to get ahead of this problem.

73 K0REW
Roy

13150. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-01 01:41:56 UTC
From: wallroy@...
Topic: 13144 Message: 13150

Thanks Tom. I will do all the resets and start from there.

73 K0REW
Roy

13151. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-01 07:48:31 UTC
From: Jose V. Gavila
Topic: 13144 Message: 13151

Hello Jerry,

Yes, sorry, it was a typo. C104 is the ugly boy :-)

Regards,

JOSE

El 01/04/2015 a las 3:20, a1aop@... [TS-850_450_690] escribió:
>
>
> I think you meant C104, and yes, if it hasn't leaked yet it will. A
> timely replacement will avoid the headache of jumpering the traces
>
> Jerry N3HAM

--
73 EB5AGV - JOSE V. GAVILA - La Canyada - Valencia (SPAIN)
http://agvradio.com AGVradio
http://jvgavila.com Personal WEB

13152. TS-850s Display driver IC

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-01 23:47:47 UTC
From: jayray@...
Topic: 13152 Message: 13152

I'm looking for the display driver IC MSM5265GS-v1k. Mine has failed, the capacitor has been replaced and the left side of the LCD is working, but not the frequency display plus no data out of the IC. I know it is out of production, but is there any substitution? If someone can point me in the direction of a replacement or even the whole display (used of course) I'd appreciate it. Thanks,
Jason

13153. Ts 450 Top cover

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-03 19:08:57 UTC
From: tim_luvs_dawn@...
Topic: 13153 Message: 13153

I am in need of the top cover for a ts-450 ..Mine is beyond rough..Don't need to be perfect but anything i am sure would be better than mine..Also looking for the internal tuner as well..Please let me know if you can help!!Thank you

13154. Re: [TS-850_450_690] Ts 450 Top cover

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-04 07:36:44 UTC
From: ik8vze
Topic: 13153 Message: 13154

good easter to list
you can paint it or sandblast and then find the hue of that color and the cosmetic part of the series kenwood ts-presents some defect in the years you should not rest on rubber feet because their mark especially when the equipment warms up, if you can find the same tint color let me know because I would try painting over again
73 de ik8vze & ac2lc rizzuti espedito
----- Original Message -----
From: tim_luvs_dawn@yahoo.com [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 03, 2015 9:08 PM
Subject: [TS-850_450_690] Ts 450 Top cover

I am in need of the top cover for a ts-450 ..Mine is beyond rough..Don't need to be perfect but anything i am sure would be better than mine..Also looking for the internal tuner as well..Please let me know if you can help!!Thank you

---
Questa e-mail è stata controllata per individuare virus con Avast antivirus.
http://www.avast.com

13155. Re: [TS-850_450_690] Ts 450 Top cover

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-03 21:34:34 UTC
From: Dave ve3wej
Topic: 13153 Message: 13155

unless you have holes in the top, can you not repaint, with colour matched
paint

Dave Garber
VE3WEJ / VE3IE

On Fri, Apr 3, 2015 at 3:08 PM, tim_luvs_dawn@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I am in need of the top cover for a ts-450 ..Mine is beyond rough..Don't
> need to be perfect but anything i am sure would be better than mine..Also
> looking for the internal tuner as well..Please let me know if you can
> help!!Thank you
>
>
>
>

13156. Part needed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-03 21:40:48 UTC
From: Dave ve3wej
Topic: 13156 Message: 13156

Anyone placing an order with east coast transistor.

I am in need of part # s70-0439-15 tack switch. this is the power switch for a tm-d710, buit apparently is used in several other kenwoods.

It shows as only 2.40 (I think it was), but cost enormous to ship to Canada,

any one able to help. even a used couple of good ones.. or a complete, but dead, head from a d710..

Dave Garber
VE3WEJ / VE3IE

13157. TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-05 15:04:28 UTC
From: Steve
Topic: 769 Message: 13157

My TS 850 has no receive------just sound on FM mode-----nothing on other modes---acks like squelch is closed------anybody have any ideas..Thanks

Just got back from Kenwood East in October----same problem------they had it eleven weeks------not good

Thanks,
Steve
KM4LA

13158. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-05 19:25:20 UTC
From: Bill Smith
Topic: 769 Message: 13158

This is who I use. He does good work and is reasonable.AVVid - Kenwood Service

| |
| | | | | | | |
| AVVid - Kenwood Service(Amateur Radio Service Center) 322 VZ County Rd 2714 Mabank, TX 75147 214-850-0973 Monday-Friday 10AM-5PM CST The phone will not be answered outsidet... |
| |
| View on avvid.com | Preview by Yahoo |
| |
| |

73,Bill

On Sunday, April 5, 2015 12:41 PM, "Steve srogers57@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  My TS 850 has no receive------just sound on FM mode-----nothing on other modes---acks like squelch is closed------anybody have any ideas..Thanks

Just got back from Kenwood East in October----same problem------they had it eleven weeks------not good

Thanks,
Steve
KM4LA

13159. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-05 19:56:37 UTC
From: k4pdm
Topic: 769 Message: 13159

Is Clif doing repairs again? I heard he was injured, and I haven't seen any posts from him in a long time. 73 Paul K4PDM Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone
-------- Original message --------
From: "Bill Smith ko4nrbs@yahoo.com [TS-850_450_690]"
Date:04/05/2015 3:25 PM (GMT-05:00)
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS 850

This is who I use. He does good work and is reasonable. AVVid - Kenwood Service AVVid - Kenwood Service (Amateur Radio Service Center) 322 VZ County Rd 2714 Mabank, TX 75147 214-850-0973 Monday-Friday 10AM-5PM CST The phone will not be answered outside t... View on avvid.com Preview by Yahoo 73, Bill On Sunday, April 5, 2015 12:41 PM, "Steve srogers57@gmail.com [TS-850_450_690]" wrote: My TS 850 has no receive------just sound on FM mode-----nothing on other modes---acks like squelch is closed------anybody have any ideas..Thanks Just got back from Kenwood East in October----same problem------they had it eleven weeks------not good Thanks, Steve KM4LA

13160. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-05 20:01:53 UTC
From: Steven KA9MOT
Topic: 769 Message: 13160

I had one that did this. The S - Meter was pegged out as well. Looked like
RF Gain was maxed out.
I found a leaky cap on the IF Board (center of the board, I am unable to
remember the number). Replaced the cap and all was good.
I'll Google up some pictures later and try to read the cap number.

Steve KA9MOT
On Apr 5, 2015 2:56 PM, "k4pdm k4pdm@... [TS-850_450_690]" <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Is Clif doing repairs again? I heard he was injured, and I haven't seen
> any posts from him in a long time.
>
> 73 Paul K4PDM
>
>
> Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone
>
>
> -------- Original message --------
> From: "Bill Smith ko4nrbs@... [TS-850_450_690]"
> Date:04/05/2015 3:25 PM (GMT-05:00)
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS 850
>
> This is who I use. He does good work and is reasonable.
> AVVid - Kenwood Service <http://avvid.com/>
>
>
> [image: image] <http://avvid.com/>
>
>
>
>
>
> AVVid - Kenwood Service <http://avvid.com/>
> (Amateur Radio Service Center) 322 VZ County Rd 2714 Mabank, TX 75147
> 214-850-0973 Monday-Friday 10AM-5PM CST The phone will not be answered
> outside t...
> View on avvid.com <http://avvid.com/>
> Preview by Yahoo
>
> 73,

> Bill
>

>
>
> On Sunday, April 5, 2015 12:41 PM, "Steve srogers57@...
> [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
>
>
>
> My TS 850 has no receive------just sound on FM mode-----nothing on other
> modes---acks like squelch is closed------anybody have any ideas..Thanks
>
> Just got back from Kenwood East in October----same problem------they had
> it eleven weeks------not good
>
> Thanks,
> Steve
> KM4LA
>
>
>
>

13161. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 00:28:17 UTC
From: ka5ivr@...
Topic: 769 Message: 13161

Clif has always done my Kenwood work. Check the AVVID website to be sure. Clif normally posts when he is on vacation or whatever.

13162. RE: [TS-850_450_690] Part needed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 02:22:00 UTC
From: Tom VE3THR
Topic: 13156 Message: 13162

Dave...welcome to Canada, eh?Can you send me a picture and better description of what you need - might have something here. Send me a note at mycall@rac.caTomVE3THR / VA3LZ

From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Date: Fri, 3 Apr 2015 17:40:48 -0400
Subject: [TS-850_450_690] Part needed

Anyone placing an order with east coast transistor.
I am in need of part # s70-0439-15 tack switch. this is the power switch for a tm-d710, buit apparently is used in several other kenwoods.

It shows as only 2.40 (I think it was), but cost enormous to ship to Canada,
any one able to help. even a used couple of good ones.. or a complete, but dead, head from a d710..

Dave GarberVE3WEJ / VE3IE

13163. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 14:05:25 UTC
From: Alfred Pfitscher
Topic: 769 Message: 13163

Hello Steve,

...had the same problem, i replased the Gas Discharge Tube (BOURNS
2049-30 BLF) /
(behind the SO239 antenna socket)

Picture: on http://www.qrz.com/db/PP5ZAP

vy 73 the Fred

Am 05.04.2015 um 12:04 schrieb Steve srogers57@... [TS-850_450_690]:
>
> My TS 850 has no receive------just sound on FM mode-----nothing on other
> modes---acks like squelch is closed------anybody have any ideas..Thanks
>
> Just got back from Kenwood East in October----same problem------they had
> it eleven weeks------not good
>
> Thanks,
> Steve
> KM4LA
>
>

13164. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 16:51:24 UTC
From: Steve
Topic: 769 Message: 13164

Thanks. Do you know where I can buy ???

Sent from my iPhone

> On Apr 6, 2015, at 10:05 AM, Alfred Pfitscher pp5zap@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:
>
> Hello Steve,
>
> ...had the same problem, i replased the Gas Discharge Tube (BOURNS 2049-30 BLF) /
> (behind the SO239 antenna socket)
>
>
> Picture: on http://www.qrz.com/db/PP5ZAP
>
> vy 73 the Fred
>
>
>
>
>> Am 05.04.2015 um 12:04 schrieb Steve srogers57@... [TS-850_450_690]:
>>
>> My TS 850 has no receive------just sound on FM mode-----nothing on other
>> modes---acks like squelch is closed------anybody have any ideas..Thanks
>>
>> Just got back from Kenwood East in October----same problem------they had
>> it eleven weeks------not good
>>
>> Thanks,
>> Steve
>> KM4LA
>
>

13165. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 18:58:17 UTC
From: Bill Smith
Topic: 769 Message: 13165

http://www.mouser.com/ProductDetail/Bourns/2049-30-BLF/?qs=fHBAHxtERQjErQbGA8r4cw==
Bill

On Monday, April 6, 2015 1:46 PM, "Steve srogers57@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  Thanks.   Do you know where I can buy ???

Sent from my iPhone
On Apr 6, 2015, at 10:05 AM, Alfred Pfitscher pp5zap@hotmail.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  Hello Steve,

...had the same problem, i replased the Gas Discharge Tube (BOURNS 2049-30 BLF) / (behind the SO239 antenna socket)

Picture: on http://www.qrz.com/db/PP5ZAP

vy 73 the Fred

Am 05.04.2015 um 12:04 schrieb Steve srogers57@... [TS-850_450_690]:

  My TS 850 has no receive------just sound on FM mode-----nothing on other modes---acks like squelch is closed------anybody have any ideas..Thanks

Just got back from Kenwood East in October----same problem------they had it eleven weeks------not good

Thanks,
Steve
KM4LA

13166. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 18:52:19 UTC
From: Steven KA9MOT
Topic: 769 Message: 13166

The Caps I found leaking and replaced on the IF Board were C97 and C98.

Steve KA9MOT

On Mon, Apr 6, 2015 at 11:51 AM, Steve srogers57@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>
> Thanks. Do you know where I can buy ???
>
> Sent from my iPhone
>
> On Apr 6, 2015, at 10:05 AM, Alfred Pfitscher pp5zap@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>
>
>
> Hello Steve,
>
> ...had the same problem, i replased the Gas Discharge Tube (BOURNS 2049-30
> BLF) /
> (behind the SO239 antenna socket)
>
>
> Picture: on http://www.qrz.com/db/PP5ZAP
>
> vy 73 the Fred
>
>
>
>
>
> Am 05.04.2015 um 12:04 schrieb Steve srogers57@... [TS-850_450_690]:
>
>
>
> My TS 850 has no receive------just sound on FM mode-----nothing on other
> modes---acks like squelch is closed------anybody have any ideas..Thanks
>
> Just got back from Kenwood East in October----same problem------they had
> it eleven weeks------not good
>
> Thanks,
> Steve
> KM4LA

>
>
>
>

[Non-text portions of this message have been removed]

13167. Re: Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 18:57:00 UTC
From: n2knw@yahoo.com
Topic: 769 Message: 13167

Look up EPCOS 06J1846

I bought some on Ebay and some on Mouser Electronics...

73
Mike

Sent from my MetroPCS 4G Android device

------ Original message------

From: Steve srogers57@gmail.com [TS-850...
Date: Mon, 4/6/2015 2:46 PM
To: TS-850_450_690@yahoogroups.com;
Subject:Re: [TS-850_450_690] TS 850

Thanks. Do you know where I can buy ???

Sent from my iPhone

On Apr 6, 2015, at 10:05 AM, Alfred Pfitscher pp5zap@hotmail.com [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

Hello Steve,

...had the same problem, i replased the Gas Discharge Tube (BOURNS 2049-30 BLF) /
(behind the SO239 antenna socket)

Picture: on http://www.qrz.com/db/PP5ZAP

vy 73 the Fred

Am 05.04.2015 um 12:04 schrieb Steve srogers57@gmail.com [TS-850_450_690]:

My TS 850 has no receive------just sound on FM mode-----nothing on other
modes---acks like squelch is closed------anybody have any ideas..Thanks

Just got back from Kenwood East in October----same problem------they had
it eleven weeks------not good

Thanks,
Steve
KM4LA

13168. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-06 20:08:49 UTC
From: Anthony W. DePrato
Topic: 769 Message: 13168

yes i just had him check out my TS 850SAT and TS870S

73 Tony wa4jqs
\
At 03:56 PM 4/5/2015, you wrote:

>Is Clif doing repairs again? I heard he was
>injured, and I haven't seen any posts from him in a long time.
>
>73 Paul K4PDM
>
>
>Sent via the Samsung Galaxy NoteÂ® II, an AT&T 4G LTE smartphone
>
>
>-------- Original message --------
>From: "Bill Smith ko4nrbs@yahoo.com [TS-850_450_690]"
>Date:04/05/2015 3:25 PM (GMT-05:00)
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] TS 850
>
>This is who I use. He does good work and is reasonable.
><http://avvid.com/>AVVid - Kenwood Service
>
>
><http://avvid.com/>
>image
>
>
>
>
>
>
><http://avvid.com/>AVVid - Kenwood Service
>(Amateur Radio Service Center) 322 VZ County Rd
>2714 Mabank, TX 75147 214-850-0973 Monday-Friday
>10AM-5PM CST The phone will not be answered outside t...
><http://avvid.com/>View on avvid.com
>Preview by Yahoo
>
>73,
>Bill
>
>
>

>On Sunday, April 5, 2015 12:41 PM, "Steve
>srogers57@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
>
>
>
>My TS 850 has no receive------just sound on FM mode-----nothing on other
>modes---acks like squelch is closed------anybody have any ideas..Thanks
>
>Just got back from Kenwood East in October----same problem------they had
>it eleven weeks------not good
>
>Thanks,
>Steve
>KM4LA
>
>
>
>
>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2015.0.5863 / Virus Database: 4321/9466 - Release Date: 04/06/15

Anthony W.DePrato WA4JQS since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL
VP8SSI 3Y0PI VP8BZL V31SS
ZD8JQS WA4JQS/ZS1 WA4JQS/KC4

13169. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-07 00:09:38 UTC
From: Dave ve3wej
Topic: 769 Message: 13169

any signals????

could ctcss be set ON???

are all external devices unplugged, to eliminate them as a cause

rf down,or part way down, so full scale led's???

hard to speculate without seeing it. check attenuators????

Dave Garber
VE3WEJ / VE3IE

On Sun, Apr 5, 2015 at 11:04 AM, Steve srogers57@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>
> My TS 850 has no receive------just sound on FM mode-----nothing on other
> modes---acks like squelch is closed------anybody have any ideas..Thanks
>
> Just got back from Kenwood East in October----same problem------they had
> it eleven weeks------not good
>
> Thanks,
> Steve
> KM4LA
>
>

13170. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-07 02:16:34 UTC
From: Steve
Topic: 769 Message: 13170

On 4/6/15 2:58 PM, Bill Smith ko4nrbs@... [TS-850_450_690] wrote:
> http://www.mouser.com/ProductDetail/Bourns/2049-30-BLF/?qs=fHBAHxtERQjErQbGA8r4cw==
>
> Bill
>
>
>
>
> On Monday, April 6, 2015 1:46 PM, "Steve srogers57@...
> [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
>
>
> Thanks. Do you know where I can buy ???
>
> Sent from my iPhone
>
> On Apr 6, 2015, at 10:05 AM, Alfred Pfitscher pp5zap@...
> <mailto:pp5zap@...> [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>> wrote:
>
>> Hello Steve,
>>
>> ...had the same problem, i replased the Gas Discharge Tube (BOURNS
>> 2049-30 BLF) /
>> (behind the SO239 antenna socket)
>>
>>
>> Picture: on http://www.qrz.com/db/PP5ZAP
>>
>> vy 73 the Fred
>>
>>
>>
>>
>> Am 05.04.2015 um 12:04 schrieb Steve srogers57@...
>> <mailto:srogers57@...> [TS-850_450_690]:
>>> My TS 850 has no receive------just sound on FM mode-----nothing on
>>> other
>>> modes---acks like squelch is closed------anybody have any ideas..Thanks
>>>
>>> Just got back from Kenwood East in October----same problem------they
>>> had
>>> it eleven weeks------not good
>>>

>>> Thanks,
>>> Steve
>>> KM4LA
>>
>
>
>
Is there a way to check that part-----?? before I order one----I will
bet that is what is wrong-----

13171. Re: [TS-850_450_690] TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-10 14:16:01 UTC
From: wallroy@...
Topic: 13144 Message: 13171

Tom

Again thanks for the info.

Here is what i found when doing the reset. I could not reset the radio using the A=B or the A/B power on. I could however get into the function menus 1 & 2 and could make changes. In function menu 1 number 19 is off. I could get in to the adjustmen menu but could not make any changes. I will need to read some more because I could not find the click encoder switch. Also when I first brought ajustment menu i got a check sum of 892b. I have not found anything in the manual about the check sums. Did you have a place I can go to a list?

Roy K0REW

73

13172. Re: TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-10 15:09:34 UTC
From: wallroy@...
Topic: 13144 Message: 13172

Tom

I just got around to do the reset of the TS450. I could not do a reset of the radio, I tried the A=B and the A/B at power on but no go. I was able to get in to the rest of the function and adjustment menus. 19 is set to off. In the adjustment menu I could not get to any of the ajustment screens. Function 1 & 2 menus I had no problem with I could make all the changes I wanted.

Again Thanks Tom for your help.

73
Roy K0REW

PS sorry if you got this twice

13173. Re: [TS-850_450_690] Re: TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-11 01:42:57 UTC
From: Tom Osborne
Topic: 13144 Message: 13173

Hi Roy

Did you get it fixed? 73
Tom W7WHY

On 4/10/2015 8:09 AM, wallroy@... [TS-850_450_690] wrote:
> Tom
>
> I just got around to do the reset of the TS450. I could not do a
> reset of the radio, I tried the A=B and the A/B at power on but no
> go. I was able to get in to the rest of the function and adjustment
> menus. 19 is set to off. In the adjustment menu I could not get to
> any of the ajustment screens. Function 1 & 2 menus I had no problem
> with I could make all the changes I wanted.
>
> Again Thanks Tom for your help.
>
> 73
>
> Roy K0REW
>

13174. Re: [TS-850_450_690] Re: TS 450S no power out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-11 09:33:31 UTC
From: wallroy@...
Topic: 13144 Message: 13174

No not yet.

Roy K0Rew

13175. TS-590S Power Cable - How To Get It Off ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-19 20:12:03 UTC
From: Mike Rhodes
Topic: 13175 Message: 13175

I know, dumb question but...

Trying to get the power cord off a friend's TS-590 so I can ship it. I didn't put the cable on so have no prior knowledge of it.

It looks like the 'loops' on the left and right sides of the connector are connected to the radio and are hooked over a couple small tabs on the cable connector itself. Is that correct. It looks like all I need to do is pry the loops off the connector. They are proving difficult to the point that I want to make sure I am doing the right thing rather than break something. Secure is good but these things seem ridiculous!

Thanks,
Mike / W8DN

13176. Re: [TS-850_450_690] TS-590S Power Cable - How To Get It Off ??

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-19 23:28:22 UTC
From: <cparrish104@...>
Topic: 13175 Message: 13176

If it's like a '570, push on the top rear of the connector while pulling it out of the connector on the rig. Pushing on the top rear should release the latch holding the connectors together.

K4TL

---- "Mike Rhodes w8dn@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

13177. Re: [TS-850_450_690] TS-590S Power Cable - GOT IT !!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-04-20 12:39:04 UTC
From: Mike Rhodes
Topic: 13177 Message: 13177

...must be similar and sure glad I asked! The parts I was prying on stay with the radio so if I had kept doing what I was doing, I certainly would have broken the connector! ...and, it actually comes apart fairly easily.

Thanks,
Mike / W8DN

On 4/19/2015 7:28 PM, cparrish104@... [TS-850_450_690] wrote:

If it's like a '570, push on the top rear of the connector while pulling it out of the connector on the rig. Pushing on the top rear should release the latch holding the connectors together.

K4TL

---- "Mike Rhodes w8dn@... [TS-850_450_690]" wrote:

13178. TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-05 01:05:21 UTC
From: junkmailsux@...
Topic: 13178 Message: 13178

I just got a TS-450S AT this morning. So far I'm still going through the manual and setting things up.

My antenna is a 280' square loop at 20' and, via an MFJ-949E, will tune from 80-6M with a 1.7 or better. The KW's built in antenna tuner (without the MFJ in line) works perfectly on every band except 20M. While tuning mid band on 20M, it shows a 1.5 and sits there for a few seconds then slowly climbs to ∞ then times out.

Any ideas?

Thanks,
Chad
KK6DPE

13179. Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-05 02:06:13 UTC
From: Mike Rhodes
Topic: 13178 Message: 13179

What is the untuned SWR on 20? Most internal tuners struggle with mismatches much above 3:1.

Mike / W8DN

On 5/4/2015 9:05 PM, junkmailsux@... [TS-850_450_690] wrote:

I just got a TS-450S AT this morning. So far I'm still going through the manual and setting things up.

My antenna is a 280' square loop at 20' and, via an MFJ-949E, will tune from 80-6M with a 1.7 or better. The KW's built in antenna tuner (without the MFJ in line) works perfectly on every band except 20M. While tuning mid band on 20M, it shows a 1.5 and sits there for a few seconds then slowly climbs to ∞ then times out.

Any ideas?

Thanks,
Chad
KK6DPE

13180. Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-05 03:57:23 UTC
From: junkmailsux@...
Topic: 13178 Message: 13180

About a 2.5.

Chad
KK6DPE

13182. Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-05 15:42:18 UTC
From: Bob Naylor
Topic: 13178 Message: 13182

It's not just SWR, sometimes auto tuners cannot tune due to the L anc C being too high. You can experiment with different feedline lengths. If you have some coax jumpers, try inserting it and see what happens. I remember one case that a guys auto tuner would not tune and we added 3 feet of coax and then it would! If that doesn't work, add longer pieces. A 280 foot antenna 20 feet off the ground will have some very crazy R, L, and C that the auto tuner cannot match. Changing lengths of feedline can change these values to something the auto tuner may be able to match.Give it a try and let us know.
Bob WE6C From: "junkmailsux@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 4, 2015 8:42 PM
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

  About a 2.5

13183. Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-05 16:55:20 UTC
From: Mike Rhodes
Topic: 13178 Message: 13183

...another thing to keep in mind, especially with your observation of increasing SWR with key down is that, even though the internal tuner MIGHT be able to make the match, that does not necessarily mean that it is going to be able to handle the mismatch. More than one internal tuner has met an untimely death matching at its limits. Tuners have inherent losses (typically about 20% under good circumstances I believe) so any time you push the tuner to its limits, you are going to make more heat and you know what that will eventually lead to. It will probably be easier and less expensive to repair or replace an external tuner as opposed to an internal tuner.

Mike / W8DN

On 5/5/2015 11:42 AM, Bob Naylor wotbob01@... [TS-850_450_690] wrote:

It's not just SWR, sometimes auto tuners cannot tune due to the L anc C being too high. You can experiment with different feedline lengths. If you have some coax jumpers, try inserting it and see what happens. I remember one case that a guys auto tuner would not tune and we added 3 feet of coax and then it would! If that doesn't work, add longer pieces. A 280 foot antenna 20 feet off the ground will have some very crazy R, L, and C that the auto tuner cannot match. Changing lengths of feedline can change these values to something the auto tuner may be able to match.

Give it a try and let us know.

Bob WE6C

From: "junkmailsux@... [TS-850_450_690]"
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 4, 2015 8:42 PM
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

About a 2.5

13184. Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-05 17:03:23 UTC
From: junkmailsux@...
Topic: 13178 Message: 13184

Thanks bob!! I just got some new PL-259's (20 of 'em for $23 with the reducers) so I'll make up some cables this week and try a few different lengths.

Chad
KK6DPE

13185. Re: [TS-850_450_690] Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-06 07:39:22 UTC
From: Joop!
Topic: 13178 Message: 13185

Hello Chad,

First day had my ts-850 sat i was frightened it didn't work also.....
After an hour of panic i decided to turn up my carrier level... all
worked fine since then.
Logically, there has to be some rf power for tuning with.
The kenwood internal tuners are well known for their greater adjustment
range, so 1:2,5 must be easy to tune...
Does it tune in on other frequencies/bands? (on a resonant spot?)
Does it tune on a dummy load??
There was a thread long time ago with a internal tuner, after a long
time of searchin' a screw happened to be loose
on a shaft inside the tuner.... you could hear it tuning, but it
slipped, so it never came at the right position ...

B.t.w:
New PL-259's on the cable are allways a good investment/hihi!

Joop/PD2JAM

junkmailsux@... [TS-850_450_690] schreef op 5-5-2015 om 19:03:
>
> Thanks bob!! I just got some new PL-259's (20 of 'em for $23 with the
> reducers) so I'll make up some cables this week and try a few
> different lengths.
>
> Chad
> KK6DPE
>
>

13186. Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-06 20:22:32 UTC
From: n5kzw@...
Topic: 13178 Message: 13186

Chad, I have two TS-450SATs, one of them tunes my antennas just fine on all spec'ed bands, the other one will not auto tune the same antennas on 20M, but I can switch the menu to manual tuning and get it to tune 20M below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in never-never-land. Go figure.

Regards,
Ed

13187. RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 01:44:34 UTC
From: Mike - AA1AR
Topic: 13178 Message: 13187

My 690 won’t tune 20m anymore.

Not even a dummy load.

It used to have trouble in the phone portion of the band and work ok on the CW end, but now it’s worse.

On the rare occasion when it tunes properly, it will work for a few minutes then suddenly jump to over 3:1.

Works fine on other bands.

I tried removing the Filter Unit and resoldering all of the 20m components, but no difference.

Maybe something is wearing out in these 20-year old rigs.

Ed, have you thought about swapping boards or tuners from one to the other to see if you can narrow it down?

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, May 06, 2015 4:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Chad, I have two TS-450SATs, one of them tunes my antennas just fine on all spec'ed bands, the other one will not auto tune the same antennas on 20M, but I can switch the menu to manual tuning and get it to tune 20M below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in never-never-land. Go figure.

Regards,
Ed

13188. Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 16:18:03 UTC
From: Bob Naylor
Topic: 13178 Message: 13188

Have any of you guys with the auto tuner problems put an antenna analyzer on and measure the problem areas? I for example can't get an auto tuner to tune my antenna that's resonant at 2.003 MHZ to tune/match down at 1.830 MHZ. When measuring it with an antenna analyzer it shows 3000+ reactance at 1.830. I don't remember for sure if it's capacitive or inductive but my common sense tells me it's capacitive. Anyway, the auto tuner will not match it at 1.830 but will at about 1.865 and up.
My point is the reactance is too high for an anto tuner to match when a manual tuner has no problems.
For those of you that use the MFJ antenna analyzers, pay attention to the instructions, which for my 259B it says the "resistance" is not accurate away from resonance which I believe because my little Autek shows a completely different resistance on my antenna at 1.830.
Mike, just my opinion, and I'm no expert, is that your tuner did match ok before but you may have been "on the edge" of it's range and a very small change put it out of range. Leaves growing on a tree that's within a 1/4 wave distance is enuff to do something like that. I'm not saying that's your problem, just something to think about.
Mike, W8DN brought up the point a day or two ago about auto tuners working at extremes.
Let us know what readings you guys are getting.
73, Bob WE6C

From: "'Mike - AA1AR' aa1ar@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 6, 2015 6:44 PM
Subject: RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

My 690 won’t tune 20m anymore. Not even a dummy load. It used to have trouble in the phone portion of the band and work ok on the CW end, but now it’s worse.On the rare occasion when it tunes properly, it will work for a few minutes then suddenly jump to over 3:1.Works fine on other bands.I tried removing the Filter Unit and resoldering all of the 20m components, but no difference. Maybe something is wearing out in these 20-year old rigs. Ed, have you thought about swapping boards or tuners from one to the other to see if you can narrow it down? 73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, May 06, 2015 4:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S AT won't tune antenna on 20M Chad, I have two TS-450SATs, one of them tunes my antennas just fine on all spec'ed bands, the other one will not auto tune the same antennas on 20M, but I can switch the menu to manual tuning and get it to tune 20M below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in never-never-land. Go figure.

Regards,
Ed

13189. RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 16:20:54 UTC
From: Mike Feher
Topic: 13178 Message: 13189

I may be wrong, but, I thought that the tuner was specified not to work on 160. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Thursday, May 07, 2015 12:18 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Have any of you guys with the auto tuner problems put an antenna analyzer on and measure the problem areas? I for example can't get an auto tuner to tune my antenna that's resonant at 2.003 MHZ to tune/match down at 1.830 MHZ. When measuring it with an antenna analyzer it shows 3000+ reactance at 1.830. I don't remember for sure if it's capacitive or inductive but my common sense tells me it's capacitive. Anyway, the auto tuner will not match it at 1.830 but will at about 1.865 and up.

My point is the reactance is too high for an anto tuner to match when a manual tuner has no problems.

For those of you that use the MFJ antenna analyzers, pay attention to the instructions, which for my 259B it says the "resistance" is not accurate away from resonance which I believe because my little Autek shows a completely different resistance on my antenna at 1.830.

Mike, just my opinion, and I'm no expert, is that your tuner did match ok before but you may have been "on the edge" of it's range and a very small change put it out of range. Leaves growing on a tree that's within a 1/4 wave distance is enuff to do something like that. I'm not saying that's your problem, just something to think about.

Mike, W8DN brought up the point a day or two ago about auto tuners working at extremes.

Let us know what readings you guys are getting.

73, Bob WE6C

From: "'Mike - AA1AR' aa1ar@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 6, 2015 6:44 PM
Subject: RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

My 690 won’t tune 20m anymore.

Not even a dummy load.

It used to have trouble in the phone portion of the band and work ok on the CW end, but now it’s worse.

On the rare occasion when it tunes properly, it will work for a few minutes then suddenly jump to over 3:1.

Works fine on other bands.

I tried removing the Filter Unit and resoldering all of the 20m components, but no difference.

Maybe something is wearing out in these 20-year old rigs.

Ed, have you thought about swapping boards or tuners from one to the other to see if you can narrow it down?

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, May 06, 2015 4:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Chad, I have two TS-450SATs, one of them tunes my antennas just fine on all spec'ed bands, the other one will not auto tune the same antennas on 20M, but I can switch the menu to manual tuning and get it to tune 20M below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in never-never-land. Go figure.

Regards,
Ed

13190. Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 16:41:41 UTC
From: Bob Naylor
Topic: 13178 Message: 13190

On my 850, it does.Bob WE6C
From: "'Mike Feher' n4fs@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 7, 2015 9:20 AM
Subject: RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

I may be wrong, but, I thought that the tuner was specified not to work on 160. 73 – Mike
Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Thursday, May 07, 2015 12:18 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M Have any of you guys with the auto tuner problems put an antenna analyzer on and measure the problem areas? I for example can't get an auto tuner to tune my antenna that's resonant at 2.003 MHZ to tune/match down at 1.830 MHZ. When measuring it with an antenna analyzer it shows 3000+ reactance at 1.830. I don't remember for sure if it's capacitive or inductive but my common sense tells me it's capacitive. Anyway, the auto tuner will not match it at 1.830 but will at about 1.865 and up. My point is the reactance is too high for an anto tuner to match when a manual tuner has no problems. For those of you that use the MFJ antenna analyzers, pay attention to the instructions, which for my 259B it says the "resistance" is not accurate away from resonance which I believe because my little Autek shows a completely different resistance on my antenna at 1.830. Mike, just my opinion, and I'm no expert, is that your tuner did match ok before but you may have been "on the edge" of it's range and a very small change put it out of range. Leaves growing on a tree that's within a 1/4 wave distance is enuff to do something like that. I'm not saying that's your problem, just something to think about. Mike, W8DN brought up the point a day or two ago about auto tuners working at extremes. Let us know what readings you guys are getting. 73, Bob WE6C
From: "'Mike - AA1AR' aa1ar@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 6, 2015 6:44 PM
Subject: RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M My 690 won’t tune 20m anymore. Not even a dummy load. It used to have trouble in the phone portion of the band and work ok on the CW end, but now it’s worse.On the rare occasion when it tunes properly, it will work for a few minutes then suddenly jump to over 3:1.Works fine on other bands.I tried removing the Filter Unit and resoldering all of the 20m components, but no difference. Maybe something is wearing out in these 20-year old rigs. Ed, have you thought about swapping boards or tuners from one to the other to see if you can narrow it down? 73, Mike – AA1AR From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, May 06, 2015 4:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S AT won't tune antenna on 20M Chad, I have two TS-450SATs, one of them tunes my antennas just fine on all spec'ed bands, the other one will not auto tune the same antennas on 20M, but I can switch the menu to manual tuning and

get it to tune 20M below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in never-never-land. Go figure.

Regards,
Ed

13191. Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 16:44:23 UTC
From: Zack Widup
Topic: 13178 Message: 13191

Mine does, too, depending on the antenna. I tried one antenna it didn't tune well on 160. This is probably strictly not "kosher" but it worked - I used an external antenna tuner to get the tuning close on 160 and then the internal TS-850 tuned it the rest of the way.

73, Zack W9SZ

On Thu, May 7, 2015 at 11:41 AM, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> On my 850, it does.
> Bob WE6C
>
> ------------------------------
> *From:* "'Mike Feher' n4fs@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Thursday, May 7, 2015 9:20 AM
>
> *Subject:* RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M
>
>
> I may be wrong, but, I thought that the tuner was specified not to work
> on 160. 73 – Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
>
>
> *From:* TS-850_450_690@yahoogroups.com [mailto:
> TS-850_450_690@yahoogroups.com]
> *Sent:* Thursday, May 07, 2015 12:18 PM
> *To:* TS-850_450_690@yahoogroups.com
> *Subject:* Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M
>
>
> Have any of you guys with the auto tuner problems put an antenna analyzer
> on and measure the problem areas? I for example can't get an auto tuner to
> tune my antenna that's resonant at 2.003 MHZ to tune/match down at 1.830
> MHZ. When measuring it with an antenna analyzer it shows 3000+ reactance at
> 1.830. I don't remember for sure if it's capacitive or inductive but my

> common sense tells me it's capacitive. Anyway, the auto tuner will not
> match it at 1.830 but will at about 1.865 and up.
>
> My point is the reactance is too high for an anto tuner to match when a
> manual tuner has no problems.
>
> For those of you that use the MFJ antenna analyzers, pay attention to the
> instructions, which for my 259B it says the "resistance" is *not*
> *accurate* away from resonance which I believe because my little Autek
> shows a completely different resistance on my antenna at 1.830.
>
> Mike, just my opinion, and I'm no expert, is that your tuner did match ok
> before but you may have been "on the edge" of it's range and a very small
> change put it out of range. Leaves growing on a tree that's within a 1/4
> wave distance is enuff to do something like that. I'm not saying that's
> your problem, just something to think about.
>
> Mike, W8DN brought up the point a day or two ago about auto tuners working
> at extremes.
>
> Let us know what readings you guys are getting.
>
> 73, Bob WE6C
>
>
> ------------------------------
> *From:* "'Mike - AA1AR' aa1ar@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Wednesday, May 6, 2015 6:44 PM
> *Subject:* RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M
>
>
> My 690 won’t tune 20m anymore.
> Not even a dummy load.
> It used to have trouble in the phone portion of the band and work ok on
> the CW end, but now it’s worse.
> On the rare occasion when it tunes properly, it will work for a few
> minutes then suddenly jump to over 3:1.
> Works fine on other bands.
> I tried removing the Filter Unit and resoldering all of the 20m
> components, but no difference.
>
> Maybe something is wearing out in these 20-year old rigs.
>
> Ed, have you thought about swapping boards or tuners from one to the other
> to see if you can narrow it down?
>
> 73, Mike – AA1AR
>

>
>
> *From:* TS-850_450_690@yahoogroups.com [
> mailto:TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com>]
> *Sent:* Wednesday, May 06, 2015 4:23 PM
> *To:* TS-850_450_690@yahoogroups.com
> *Subject:* [TS-850_450_690] TS-450S AT won't tune antenna on 20M
>
>
> Chad, I have two TS-450SATs, one of them tunes my antennas just fine on
> all spec'ed bands, the other one will not auto tune the same antennas on
> 20M, but I can switch the menu to manual tuning and get it to tune 20M
> below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in
> never-never-land. Go figure.
>
> Regards,
> Ed
>
>
>
>
>

13192. RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 16:42:48 UTC
From: Mike Feher
Topic: 13178 Message: 13192

I do not believe it does on my 450SAT. Will have to re-check. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Thursday, May 07, 2015 12:42 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

On my 850, it does.

Bob WE6C

From: "'Mike Feher' n4fs@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, May 7, 2015 9:20 AM
Subject: RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

I may be wrong, but, I thought that the tuner was specified not to work on 160. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Thursday, May 07, 2015 12:18 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Have any of you guys with the auto tuner problems put an antenna analyzer on and measure the problem areas? I for example can't get an auto tuner to tune my antenna that's resonant at 2.003 MHZ to tune/match down at 1.830 MHZ. When measuring it with an antenna analyzer it shows 3000+ reactance at 1.830. I don't remember for sure if it's capacitive or inductive but my common sense tells me it's capacitive. Anyway, the auto tuner will not match it at 1.830 but will at about 1.865 and up.

My point is the reactance is too high for an anto tuner to match when a manual tuner has no problems.

For those of you that use the MFJ antenna analyzers, pay attention to the instructions, which for my 259B it says the "resistance" is not accurate away from resonance which I believe because my little Autek shows a completely different resistance on my antenna at 1.830.

Mike, just my opinion, and I'm no expert, is that your tuner did match ok before but you may have been "on the edge" of it's range and a very small change put it out of range. Leaves growing on a tree that's within a 1/4 wave distance is enuff to do something like that. I'm not saying that's your problem, just something to think about.

Mike, W8DN brought up the point a day or two ago about auto tuners working at extremes.

Let us know what readings you guys are getting.

73, Bob WE6C

From: "'Mike - AA1AR' aa1ar@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 6, 2015 6:44 PM
Subject: RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

My 690 won’t tune 20m anymore.

Not even a dummy load.

It used to have trouble in the phone portion of the band and work ok on the CW end, but now it’s worse.

On the rare occasion when it tunes properly, it will work for a few minutes then suddenly jump to over 3:1.

Works fine on other bands.

I tried removing the Filter Unit and resoldering all of the 20m components, but no difference.

Maybe something is wearing out in these 20-year old rigs.

Ed, have you thought about swapping boards or tuners from one to the other to see if you can narrow it down?

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, May 06, 2015 4:23 PM

To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Chad, I have two TS-450SATs, one of them tunes my antennas just fine on all spec'ed bands, the other one will not auto tune the same antennas on 20M, but I can switch the menu to

manual tuning and get it to tune 20M below 1.5:1 SWR. If I then turn Auto-Tune on, the tuner goes searching in never-never-land. Go figure.

Regards,
Ed

13193. Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 18:06:39 UTC
From: junkmailsux@...
Topic: 13178 Message: 13193

This seemed easier and less confusing than individual replies.

Joop - The 450 tunes on every other band (save 160 as the tuner doesn't work on 160) and tunes to a 1.5 or better. I haven't tried it into a dummy load yet. I'll try that this afternoon. The carrier is all the way up.

Mike - She might be 20 years old but she's been boxed up for the last 11. The guy I got it from (original owner) let his license go and just put it away. He was recently given a ton of equipment from an SK's family and sold it all in one lump. I asked if he had any HF gear left so he dug this out of his stuff for me. She's practically new. :D

Ed - When it starts to autotune on 20M, it brings it down around 1.5. If I immediately turn off the autotuner (hit #4), it's fine. Easy workaround?? LOL

Bob - I don't have an analyzer to throw on it. My buddy used his when we set the antenna up. It was a fairly close match on everything from 80-6M. When I used the MFJ-949E on my TS-520, I could get everything under a 1.8 easily.

Zack - The tuner in the 450S AT doesn't work on 160.

Thanks all!
Chad
KK6DPE

13194. RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-07 21:40:12 UTC
From: Mike - AA1AR
Topic: 13178 Message: 13194

Mine will hunt around and not find a match even with either of two 50-ohm dummy loads that I have,

so I've decided it must be the radio. My next suspect is the relays on the Filter Unit. I need to get

hold of a pair of replacements to check that.

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Thursday, May 07, 2015 12:18 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

<snip>

Mike, just my opinion, and I'm no expert, is that your tuner did match ok before but you may have been "on the edge" of it's range and a very small change put it out of range. Leaves growing on a tree that's within a 1/4 wave distance is enuff to do something like that. I'm not saying that's your problem, just something to think about.

Mike, W8DN brought up the point a day or two ago about auto tuners working at extremes.

Let us know what readings you guys are getting.

73, Bob WE6C

_'_._'___

13195. TS-850 Display board caps

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-08 12:38:45 UTC
From: kurt@...
Topic: 13195 Message: 13195

A few months ago the display went out on my TS-850. I cleaned up the board, replaced the caps, and rerouted past the damaged traces. All was then good.

A few days ago I started to have a new problem. The display is now slow to turn on. I was considering taking the radio apart again to see if I missed something. However, there is a new twist. It seems that the Mode and filters are also slow to turn on. When the radio first comes on and the display is blank, it seems that the radio is set in AM mode and has a wide filter selected. As soon as the display comes on it seems the radio now enables the SSB mode and the appropriate filter.

Any suggestions?

-Kurt
KR2C

13196. Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-08 07:41:41 UTC
From: Rob Cohen
Topic: 13178 Message: 13196

Hi All

If your tuner hunts around and cannot even tune a dummy load, check the germanium diodes on the auto ATU control board D1 and D2. I had one that was "leaky" on my TS-690. Replaced them with the new 1N60P schottky diodes and she is good as new.

Regards

Rob ZS5LA

13197. RE: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-08 17:35:16 UTC
From: Mike - AA1AR
Topic: 13178 Message: 13197

Thanks Rob,

I'll definitely look into that!

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Friday, May 08, 2015 3:42 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-450S AT won't tune antenna on 20M

Hi All

If your tuner hunts around and cannot even tune a dummy load, check the germanium diodes on the auto ATU control board D1 and D2. I had one that was "leaky" on my TS-690. Replaced them with the new 1N60P schottky diodes and she is good as new.

Regards

Rob ZS5LA

13198. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-09 03:57:59 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13198

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Link to TS850 to FL7000 interface
Uploaded by : john_aa3m <email1@...>
Description : Interface for using the TS-850 to FL7000 amplifier by means of the serial port of the TS850. Band data is generated and you can view all three (VFO A, VFO B, and MEMORY frequency settings at a glance.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/Link%20to%20TS850%20to%20FL7000%20interface

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

john_aa3m <email1@...>

13199. Re: TS-450S AT won't tune antenna on 20M

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-17 04:10:08 UTC
From: junkmailsux@...
Topic: 13178 Message: 13199

Well, I FINALLY was able to switch out the coax. That did it. 80-10 autotune perfectly now!

THANK YOU EVERYONE! :D

Chad
KK6DPE

13200. TS-850: no reception, but TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-19 08:40:32 UTC
From: isabelle.fourias@...
Topic: 13200 Message: 13200

HI,

After some troubles in the TRX command (Q152 & Q154) on the rf unit, in RX I have 8v on RXB but still 2v on TXB
=> no reception.

If I put TXB to the ground, reception come to life.

In TX, all is ok, TXB is 8v and RXB 0v

I also have changed all caps (47u & 10u) leaked on the car unit.

What happened on TXB ?? Where does the 2v come from ??

Thanks in advance for your help

13201. TS-850 no reception, but TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-19 08:43:00 UTC
From: isabelle.fourias@...
Topic: 13201 Message: 13201

HI,

After some troubles in the TRX command (Q152 & Q154) on the rf unit, in RX I have 8v on RXB but still 2v on TXB
=> no reception.

If I put TXB to the ground, reception come to life.

In TX, all is ok, TXB is 8v and RXB 0v

I also have changed all caps (47u & 10u) leaked on the car unit.

What happened on TXB ?? Where does the 2v come from ??

Thanks in advance for your help

13202. Kenwood TS-850S stuck in transmit mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-19 12:54:26 UTC
From: JF
Topic: 13202 Message: 13202

Hello all,

I'm a new member of this group, and am hoping someone here can help with this TS-850S problem:

Mine worked fine for years but had sat unused for several months with no power or antenna connected; then, when powered up again, it immediately locked into continuous transmit mode (like tune mode or keyed CW) and could not be made to go back to receive. The front panel xmit power and carrier controls function, and there is continuous RF carrier output power with every operation mode key even though the radio is not in tune mode and there is no CW key. Checked all front panel controls (including SEND & TUNE) & plugged/unplugged all cables and the CW key, but this made no difference, nor did a microprocessor reset. Frequency display & LEDs are normal, power supply is OK at 13.8 VDC.

A search turned up a comment on another list about a similar or identical problem, saying in that case on the BK Switch Unit pcb (BK SW, a very small board soldered onto the IF Unit), transistor Q3 shorted, thus locking the SS line low into SEND mode. With that clue I used a DVM to check all 11 pins of my BK SW board, and found these voltages:

pins 1 & 11 = ground
pins 2, 3, 5, 7 = 0 V
pin 4 = .012 V (SS line, low V puts radio into send mode?)
pin 8 = 5.14 V
pin 9 = 3.95 V
pin 10 = .021 V

I could not find an individual pcb connector for the SS line, but as it goes through the large CN3 ribbon connector I tried unplugging that, whereupon the radio returned to receive mode.

This may indicate a faulty SMD component on the BK SW board, but I'm not sure as I don't know the signal sources & functions on the other pins. I suppose it's possible that something else on the pins could be forcing the BK SW board into send mode. As this problem has happened to other owners, possibly there is a known design defect, or maybe some weak components got on the assembly line and affected only certain serial numbers.

I only have the short instruction manual and a PDF copy of the service manual, the latter being rather vague and hard to use for troubleshooting with limited descriptions, split blurry diagrams and connector designations that are not exactly the same as those printed on the boards.

Working on the radio myself might be difficult as I only have an analog scope & DVM, and don't have tools for SMD solder work (to say nothing of aging vision & dexterity). I'm wondering if sending the whole heavy radio off for repair might cost more than it's worth when shipping is figured in, so to begin I'd rather locate just a new/used BK SW board or a whole IF Unit to substitute. Or, is it possible to send only the IF Unit to someone who works on Kenwoods? Any recommendations for repair shops?

Suggestions will be much appreciated.

73
John KE5ZB

13203. Re: [TS-850_450_690] Kenwood TS-850S stuck in transmit mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-19 19:25:23 UTC
From: Crownhaven
Topic: 13202 Message: 13203

Google Avvid Electronics. I have used Clif for years. He is a former Kenwood service person. He has worked on several of my radios to include my TS-850S/AT. He communicates well and I have never had an issue with his work. I think many others here will echo what I'm telling you.

Steve, N4JQQ

On 5/19/2015 7:54 AM, JF lewishmorgan@... [TS-850_450_690] wrote:
>
> Hello all,
>
> I'm a new member of this group, and am hoping someone here can help
> with this TS-850S problem:
>
> Mine worked fine for years but had sat unused for several months with
> no power or antenna connected; then, when powered up again, it
> immediately locked into continuous transmit mode (like tune mode or
> keyed CW) and could not be made to go back to receive. The front panel
> xmit power and carrier controls function, and there is continuous RF
> carrier output power with every operation mode key even though the
> radio is not in tune mode and there is no CW key. Checked all front
> panel controls (including SEND & TUNE) & plugged/unplugged all cables
> and the CW key, but this made no difference, nor did a microprocessor
> reset. Frequency display & LEDs are normal, power supply is OK at 13.8
> VDC.
>
> A search turned up a comment on another list about a similar or
> identical problem, saying in that case on the BK Switch Unit pcb (BK
> SW, a very small board soldered onto the IF Unit), transistor Q3
> shorted, thus locking the SS line low into SEND mode. With that clue I
> used a DVM to check all 11 pins of my BK SW board, and found these
> voltages:
>
> pins 1 & 11 = ground
> pins 2, 3, 5, 7 = 0 V
> pin 4 = .012 V (SS line, low V puts radio into send mode?)
> pin 8 = 5.14 V
> pin 9 = 3.95 V
> pin 10 = .021 V
>
> I could not find an individual pcb connector for the SS line, but as
> it goes through the large CN3 ribbon connector I tried unplugging
> that, whereupon the radio returned to receive mode.
>

> This may indicate a faulty SMD component on the BK SW board, but I'm
> not sure as I don't know the signal sources & functions on the other
> pins. I suppose it's possible that something else on the pins could be
> forcing the BK SW board into send mode. As this problem has happened
> to other owners, possibly there is a known design defect, or maybe
> some weak components got on the assembly line and affected only
> certain serial numbers.
>
> I only have the short instruction manual and a PDF copy of the service
> manual, the latter being rather vague and hard to use for
> troubleshooting with limited descriptions, split blurry diagrams and
> connector designations that are not exactly the same as those printed
> on the boards.
>
> Working on the radio myself might be difficult as I only have an
> analog scope & DVM, and don't have tools for SMD solder work (to say
> nothing of aging vision & dexterity). I'm wondering if sending the
> whole heavy radio off for repair might cost more than it's worth when
> shipping is figured in, so to begin I'd rather locate just a new/used
> BK SW board or a whole IF Unit to substitute. Or, is it possible to
> send only the IF Unit to someone who works on Kenwoods? Any
> recommendations for repair shops?
>
> Suggestions will be much appreciated.
>
> 73
> John KE5ZB
>
>

13204. Re: TS-850 no reception, but TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-20 17:23:09 UTC
From: isabelle.fourias@...
Topic: 13201 Message: 13204

D31 on the rf unit was shorted

13205. Re: [TS-850_450_690] Re: TS-850 no reception, but TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-20 22:37:39 UTC
From: Bob Naylor
Topic: 13201 Message: 13205

R U saying it's fixed?Bob WE6C
From: "isabelle.fourias@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 20, 2015 10:23 AM
Subject: [TS-850_450_690] Re: TS-850 no reception, but TX ok

  D31 on the rf unit was shorted

13206. Need help with TS-450S keyer board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-23 05:26:59 UTC
From: N4PL
Topic: 13206 Message: 13206

Hello,

A friend of mine (in SP land) asked me for help with the Morse keyer board for his TS-450S. I could not find much about it in the User Manual. Is there such a board on the market that could be purchased now, after the radio is out of production? Or an aftermarket?

I myself have no Kenwood radios, so unfortunately I will not be much of a contributor to the group. I hope to be of some help with general electronics, or issues similar to the radios I have (Drake, Tempo 2020, FT-101E etc).

73, Wald N4PL

13207. Re: [TS-850_450_690] Need help with TS-450S keyer board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-23 15:09:36 UTC
From: Dave ve3wej
Topic: 13206 Message: 13207

what is he trying to do add one?? is there an option for it (check the manual), any model number (see if any on ebay)

I think he needs an aftermarket, external keyer. if I remember the switch on the back only changes type of key jack wiring, not internal keyer...

again, sorry , but have him check his manual

Dave Garber
VE3WEJ / VE3IE

On Sat, May 23, 2015 at 1:26 AM, N4PL n4pl@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello,
>
> A friend of mine (in SP land) asked me for help with the Morse keyer
> board for his TS-450S. I could not find much about it in the User
> Manual. Is there such a board on the market that could be purchased
> now, after the radio is out of production? Or an aftermarket?
>
> I myself have no Kenwood radios, so unfortunately I will not be much of
> a contributor to the group. I hope to be of some help with general
> electronics, or issues similar to the radios I have (Drake, Tempo 2020,

> FT-101E etc).
>
> 73, Wald N4PL
>
>

13208. Re: [TS-850_450_690] Need help with TS-450S keyer board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-23 15:48:32 UTC
From: joel guiheneuf
Topic: 13206 Message: 13208

hello dear freinds

on my ts450sat :
no switch no keyer inside no explain in the manual : NO KEYER HI!!
i have an exterior electronic keyer
hurry up
73qro

f8ezz joel
----- Original Message -----
From: Dave ve3wej ve3wej@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, May 23, 2015 5:09 PM
Subject: Re: [TS-850_450_690] Need help with TS-450S keyer board

what is he trying to do add one?? is there an option for it (check the manual), any model number (see if any on ebay)

I think he needs an aftermarket, external keyer. if I remember the switch on the back only changes type of key jack wiring, not internal keyer...

again, sorry , but have him check his manual

Dave Garber
VE3WEJ / VE3IE

On Sat, May 23, 2015 at 1:26 AM, N4PL n4pl@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

Hello,

A friend of mine (in SP land) asked me for help with the Morse keyer
board for his TS-450S. I could not find much about it in the User
Manual. Is there such a board on the market that could be purchased
now, after the radio is out of production? Or an aftermarket?

I myself have no Kenwood radios, so unfortunately I will not be much of
a contributor to the group. I hope to be of some help with general
electronics, or issues similar to the radios I have (Drake, Tempo 2020,
FT-101E etc).

73, Wald N4PL

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
http://www.avast.com

13209. Re: Need help with TS-450S keyer board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-24 12:01:41 UTC
From: T. Scott Griffin
Topic: 13209 Message: 13209

The TS-450S has no internal keyer, so an external keyer is required. I use a Picokeyer with my 450 and it works great. The Picokeyer kits are available from Ham Gadgets at a price of $29. If your friend doesn’t want to build a kit (very easy kit to build), there are plenty of keyers available on the market say on eBay or from MFJ.

Hope that helps.

73s, Scott, N6CIC/4

Sent from Windows Mail

13210. Re: [TS-850_450_690] Re: TS-850 no reception, but TX ok

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-24 16:32:45 UTC
From: isabelle.fourias@...
Topic: 13201 Message: 13210

Hi Bob,

Yes, my ts850 is running good now !!

13211. Re: Need help with TS-450S keyer board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-26 03:49:01 UTC
From: n4pl@...
Topic: 13209 Message: 13211

I wanted to thank to everyone who responded. All understood - no internal keyer option. I must have misunderstood the original request. Must practive more Polish :-)

Thanks again and 73!
Wald N4PL

13212. Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-31 19:01:16 UTC
From: darklupine@...
Topic: 13212 Message: 13212

I've given up on trying to fix mine, I replaced the C-104 cap that dumped it's guts, jumped a few corroded traces and it still has absolutely no audio. I may be able to fix it with a lot of effort, but I have no access to an o-scope and just want a working radio. If someone has a source for the IF board, I'd love to hear about it.

Thanks,

Sean KB1YOQ

13213. NEW MEMBER with a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-31 20:58:03 UTC
From: portdoverbells@...
Topic: 13213 Message: 13213

Hi guys,
I purchased a TS-450S on Saturday and by this afternoon was wishing it had a CW filter. None were available locally so I removed the plug in 500Hz cw filter from my Yaesu FT-817 and soon had it stuck to the side of the ssb filter using double sided tape. I ran small tail wires from the filter pins over to the 450 filter plug pins and another wire to a nearby ground.
Flipped the rig right side up and did the programming to recognize the filter and away it went just perfectly.
Now to find some 8.83 filters at 2.1 or maybe 1.9 KHz wide.
Jim VE3DDY

13214. Re: [TS-850_450_690] Anyone have a TS450 IF board for sale ?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-05-31 22:24:22 UTC
From: <dlrust@...>
Topic: 13212 Message: 13214

Steve I would keep an eye on Ebay. I have kept a couple Kenwoods going with Ebay parts.

Dave W0DLR 73

Sent from Windows Mail

From: darklupine@gmail.com [TS-850_450_690]
Sent: ☐Sunday☐, ☐May☐ ☐31☐, ☐2015 ☐2☐:☐01☐ ☐PM
To: TS-850_450_690@yahoogroups.com

I've given up on trying to fix mine, I replaced the C-104 cap that dumped it's guts, jumped a few corroded traces and it still has absolutely no audio. I may be able to fix it with a lot of effort, but I have no access to an o-scope and just want a working radio. If someone has a source for the IF board, I'd love to hear about it.

Thanks,

Sean KB1YOQ

13215. Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-01 00:48:43 UTC
From: darklupine@...
Topic: 13212 Message: 13215

Yeah, I've been watching. The boards were all over while I was trying to fix it, and then I finally decided to just buy one and nothing has cropped up other than a broken one with the same issue mine has. I was just hoping maybe someone here would have a pointer.

Thanks

13216. TS-850 chassis part needed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-01 02:47:57 UTC
From: arr44@...
Topic: 13216 Message: 13216

If anyone is parting out a TS-850, I need the u-shaped sheet metal cover that shields the rear half of the RF board on the bottom and the 4 screws that hold it in place. The shield is Ref. No. 96 in the TS-850 service manual parts list.

I just discovered that a TS-850 I bought a while back on eBay is missing this shield.

Thanks,
Alan, KD5R

13217. Re: NEW MEMBER with a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-01 11:24:30 UTC
From: T. Scott Griffin
Topic: 13217 Message: 13217

Hi Jim,

I recommend the INRAD 2.1 KHz crystal filter (part No. 94) for the 8.83 MHz IF. I have that installed in my TS-450SAT and I am very happy with it. Not quite as narrow as the 1.8 KHz Kenwood filter, but with very steep skirts.

http://www.inrad.net/product.php?productid=211&cat=47&page=1

Hope that helps.

73s, Scott, N6CIC

Sent from Windows Mail

13218. Re: [TS-850_450_690] Re: NEW MEMBER with a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-01 19:20:30 UTC
From: Dave ve3wej
Topic: 13217 Message: 13218

I thought he was looking for cw filters, not ssb. maybe I am mistaken

Dave Garber
VE3WEJ / VE3IE

On Mon, Jun 1, 2015 at 7:24 AM, 'T. Scott Griffin' scottandalene@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi Jim,
>
> I recommend the INRAD 2.1 KHz crystal filter (part No. 94) for the 8.83
> MHz IF. I have that installed in my TS-450SAT and I am very happy with
> it. Not quite as narrow as the 1.8 KHz Kenwood filter, but with very steep
> skirts.
>
> http://www.inrad.net/product.php?productid=211&cat=47&page=1
>
> Hope that helps.
>
> 73s, Scott, N6CIC
>
>
> Sent from Windows Mail
>
>
>

13219. Re: [TS-850_450_690] Re: NEW MEMBER with a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-02 01:48:08 UTC
From: portdoverbells@...
Topic: 13217 Message: 13219

I used the cw filter from my 817 and it works great.
I wouldn't mind getting the real deal though and also the voice synthisizer as well.
jim VE3DDY-- PORT DOVER

13220. Re: [TS-850_450_690] Re: NEW MEMBER with a TS-450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-02 12:14:51 UTC
From: Dave ve3wej
Topic: 13217 Message: 13220

keep an eye on Kitchener swap listing (KWARC) and ebay, and even qth.com
for listings. they do show occasionally, as people are parting out there
perfectly working units?? for more $$$$ than assembled.

filters for the 450 are the same as the 850, and 570

make sure you are watching for the -1 versions, as they are plug in type

Dave Garber
VE3WEJ / VE3IE

On Mon, Jun 1, 2015 at 9:48 PM, portdoverbells@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>
> I used the cw filter from my 817 and it works great.
>
> I wouldn't mind getting the real deal though and also the voice
> synthisizer as well.
>
> jim VE3DDY-- PORT DOVER
>
>
>

13221. 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-02 16:30:06 UTC
From: kc2mbv@...
Topic: 13221 Message: 13221

My 450 just started this odd behavior and I could use a little guidance, signals received on USB sound the same on LSB. It's like there's no difference between sidebands.

The only filter in the unit is the factory installed YK-88SN-1. C104 looks good and there's no evidence of leakage. I've reset the memory with A/B+Power on.

What's my next step?

Thanks,

Frank.

13222. Re: 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-02 19:04:57 UTC
From: portdoverbells@...
Topic: 13221 Message: 13222

Try doing the power on reset with the buttons pushed but power OFF at the main power supply.
you will find that with the main power off there is a momentary light up on the readout as the capacitors discharge and then dead . Hold the buttons as usual and power on at the power supply.
This is what is called a HARD RESET.
My transmitter was totally locked out till I tried the HARD RESET. You would have sworn the finals were blown.
Sometimes when we push too many buttons the microprocessor gets confused and locks up.
Just switching the radio off and trying the reset sometimes doesn't work as the capacitive charge keeps the processor alive.
By doing the reset with the main power off you drain the capacitors.
As an alternative you can just let the set sit with all power off for a few hours.
jim VE3DDY

13223. Re: 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-03 02:56:47 UTC
From: kc2mbv@...
Topic: 13221 Message: 13223

Thanks for the suggestion but alas it made no difference.

I discovered another hint. When I switch the 8.83 filter to the 2.4 position it filters out the opposite sideband. Would this be indicative of a bad crystal filter?

13224. RE: [TS-850_450_690] 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-03 16:31:28 UTC
From: Mike - AA1AR
Topic: 13221 Message: 13224

Frank,

When you are hearing USB in the LSB mode, what position is the 455 filter in?

If you don’t have at least one of the 2.4 filters on, you’ll hear

you'll hear USB in LSB mode.

Sounds like your YK-88SN-1 is doing its job when it’s on.

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Tuesday, June 02, 2015 10:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450 receives the same on LSB and USB

Thanks for the suggestion but alas it made no difference.

I discovered another hint. When I switch the 8.83 filter to the 2.4 position it filters out the opposite sideband. Would this be indicative of a bad crystal filter?

13225. Re: 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-03 19:45:44 UTC
From: portdoverbells@...
Topic: 13221 Message: 13225

there is a button where you can reverse usb and lsb to receive and send cw on the lsb.
jim

13226. Re: [TS-850_450_690] 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-04 00:57:04 UTC
From: Frank Raffaele
Topic: 13221 Message: 13226

Thanks for the reply Mike.

The 455 filter is set for 2.4K.

Let me rephrase the issue in case I didn't explain it correctly. The filters are the default settings of 6K and 2.4K. If I'm listening to a USB QSO on 20 meters, I can hear the QSO when I switch to LSB. Same for an LSB QSO on 40, I can hear it perfectly on USB.

When I set the 8.83 filter to 2.4K, the opposite sideband drops out leaving only the desired audio. I realize that's the quick fix but it's not supposed to behave this way.

I'm open for any suggestions.

On 6/3/2015 12:31 PM, 'Mike - AA1AR' aa1ar@... [TS-850_450_690] wrote:
>
> Frank,
>
> When you are hearing USB in the LSB mode, what position is the 455
> filter in?
>
> If you don’t have at least one of the 2.4 filters on, you’ll hear
>
> you'll hear USB in LSB mode.
>
> Sounds like your YK-88SN-1 is doing its job when it’s on.
>
>

13227. Re: 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-04 01:24:09 UTC
From: dmueller421@...
Topic: 13221 Message: 13227

Sounds like a failed switching diode in the filter line. The '450 I got in a trade had a similar problem, I got the diodes from somewhere in Florida. DAP36K maybe? It's been about 10 years, but I think I may have ordered a few spares if you figure out that's the problem. The service manual can be downloaded, but the schematics and board layouts are always difficult to read because of the image bleed through on the thin paper Kenwood used.

Dave AA3EE

13228. Re: 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-04 03:07:58 UTC
From: kc2mbv@...
Topic: 13221 Message: 13228

Stop the presses. I erred about C104. I found a small drop of clear liquid under the cap and I was able to break off a lead with minimal force. The underside of the cap was wet and corroded.

Now to clean up the mess, replace the cap and see if that was the problem to begin with.

Thanks to everyone for the input.

13229. Re: [Bulk] Re: [TS-850_450_690] 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-04 04:12:31 UTC
From: Tom Osborne
Topic: 13221 Message: 13229

My TS-450 acts the same as yours. When I switch in the 6kc filter, it can hear both sidebands. Think that is probably normal. 73
Tom W7WHY

On Wed, Jun 3, 2015 at 5:57 PM, Frank Raffaele kc2mbv@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Thanks for the reply Mike.
>
> The 455 filter is set for 2.4K.
>
> Let me rephrase the issue in case I didn't explain it correctly. The
> filters are the default settings of 6K and 2.4K. If I'm listening to a USB
> QSO on 20 meters, I can hear the QSO when I switch to LSB. Same for an LSB
> QSO on 40, I can hear it perfectly on USB.
>
> When I set the 8.83 filter to 2.4K, the opposite sideband drops out
> leaving only the desired audio. I realize that's the quick fix but it's not
> supposed to behave this way.
>
> I'm open for any suggestions.
>
>
>
> On 6/3/2015 12:31 PM, 'Mike - AA1AR' aa1ar@... [TS-850_450_690]
> wrote:
>
>
>
> Frank,
>
> When you are hearing USB in the LSB mode, what position is the 455 filter
> in?
>
> If you don’t have at least one of the 2.4 filters on, you’ll hear
>
> you'll hear USB in LSB mode.
>
> Sounds like your YK-88SN-1 is doing its job when it’s on.
>
>
>

>
>
>

13230. RE: [TS-850_450_690] 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-04 14:53:03 UTC
From: Mike - AA1AR
Topic: 13221 Message: 13230

OK, so the capacitor goop is causing more than one filter to be turned on. Good catch!

I should change out my clean looking cap also.

Let us know how it turns out.

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, June 03, 2015 11:08 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450 receives the same on LSB and USB

Stop the presses. I erred about C104. I found a small drop of clear liquid under the cap and I was able to break off a lead with minimal force. The underside of the cap was wet and corroded.

Now to clean up the mess, replace the cap and see if that was the problem to begin with.

Thanks to everyone for the input.

13231. RE: [TS-850_450_690] 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-08 23:23:04 UTC
From: kc2mbv@...
Topic: 13221 Message: 13231

I removed CF1 and found gunk under it crossing a few lands on the board. After cleaning and resoldering everything I continuity tested everything and it looked good.

Upon powering on the radio a new issue developed, I get audio for a split second before the meter shows full scale and audio drops out completely. I thought this was a symptom of a bad C104. Did I miss a spot cleaning?

Then I noticed a new problem, the flex cable that connects CN7 on the IF board to CN4 on the digital board has leads that separated from the backing and they're not going into the connector. Can that also be a cause of the audio issue?

I can't find this part anywhere. Is there a suitable replacement? I see cables that are close but do not exactly match the specs.

13232. RE: [TS-850_450_690] 450 receives the same on LSB and USB

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-09 00:29:26 UTC
From: Steven KA9MOT
Topic: 13221 Message: 13232

In this case, eBay is your friend.
On Jun 8, 2015 6:29 PM, "kc2mbv@...m [TS-850_450_690]" <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I removed CF1 and found gunk under it crossing a few lands on the board.
> After cleaning and resoldering everything I continuity tested everything
> and it looked good.
>
> Upon powering on the radio a new issue developed, I get audio for a split
> second before the meter shows full scale and audio drops out completely. I
> thought this was a symptom of a bad C104. Did I miss a spot cleaning?
>
> Then I noticed a new problem, the flex cable that connects CN7 on the IF
> board to CN4 on the digital board has leads that separated from the backing
> and they're not going into the connector. Can that also be a cause of the
> audio issue?
>
> I can't find this part anywhere. Is there a suitable replacement? I see
> cables that are close but do not exactly match the specs.
>
>

13233. Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-10 21:50:27 UTC
From: daver@...
Topic: 13212 Message: 13233

Yes my TS-690S system has the same issue.

Replace ALL four of the caps, (220 uFd, 2x330uFd, and 10 uFd) in the AF circuit (IF board, all next to the AMP heat-sink).

BUT I found the 10 uFd cap (input) is intermittent and I have a new one to try. Seems all of them fail, poor part run I guess. replacing the 330's did NOT fix the audio, but freeze spray on the 10 uFd did cause the audio to get noisy and fade away... Heat gun brought it back. The 220 uFd is also suspect as it is the feed-back cap so it failing would have serious ramifications on audio too.

Sean KB1YOQ, try replacing the 10 uFd cap located in front (input) of the AF amp IC5 on the IF PCB...

$10.00 for parts & shipping ain't too bad...

ALSO, if anyone needs a copy of the FULL-SIZE TS-690S schematic, I can scan it in as a pdf and post it. (Doesn't show up in any of the Kenwood Manual pdf's).

DE KG6ANT, "Ant-Man"

Dave Reynolds

13235. Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-11 15:50:38 UTC
From: daver@...
Topic: 13212 Message: 13235

CORRECTION: I should have waited till I got home with the schematic in front of me... (Memory not as good as it used to be...)

Audio amp chip IC5 = uPC2002v, C98=10uFd @ 16 vdc (input cap) , C99=330uFd @ 25 vdc (DC Filter), C101=470uFd @ 6.3 vdc (feed-back), and C104=470uFd @ 10 vdc (Output Cap).

I put two new 470 pFd @ 16 VDC (same physical size) in the place of C101 & C104.

Did not fix the problem just like you saw, HOWEVER, I lifted the audio input cable and the noise stopped, then (in my case) I found the 10 uFd cap (input) is leaky and noisy (changed noise level as it was heated/cooled) so I will change that next. I'll let you know how it goes this weekend, or you could just try changing it.

It is suggested to change all three on this website:
Help! I Just Got a TS-450/690.
http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

Help! I Just Got a TS-450/690.
http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html C123 C123 + new 100 ohm resistor new 6.8K ohm resistor across R148 6.8K Optical illusion, the resistor lead clears that adjacent pad. Schematic

View on www.qsl.net http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html
Preview by Yahoo

13236. Re: TS-850SAT For Sale!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-11 20:13:54 UTC
From: Tomy
Topic: 13212 Message: 13236

Would there be anyone interested in a Just gone through Kenwood TS-850SATBy Clif at AVVID Electronics in TX?If so, email me atHate to part with it, it is a fun and clean radio.See my add on qth.com 73! Tomy KF7GC

AZ STM
NM AZ Section Net
ORS, PAN Cycle 2 NM
www.atenaz.net

|
| o |
| |

13237. TS 450S IF board

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-15 02:01:51 UTC
From: KA3QLF@...
Topic: 13212 Message: 13237

Hello Folks,

having seeing none on Ebay, nor QRZ.com I am polling the users here, if anyone happens to have an IF board for a 450 for sale. please reply direct.

Thank you

Scott KA3QLF

13238. Re: Anyone have a TS450 IF board for sal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-17 03:09:02 UTC
From: daver@...
Topic: 13212 Message: 13238

FIXED THE IF BOARD ON MY TS-690S! (Same as TS-450S)... Under the C104 the "+" side etch was corroded. Please see images...

C104 had leaked under the "55F", "55HT" and the "455 kHz" filters. I removed ALL of them and cleaned the stupid juice from underneath.

After reinstalling I had no more audio, (actually it was intermittent since I started).

I found the circuit was open from the IC5-4 to the "+" side of C104.

I thoroughly cleaned ALL the filters, replaced all the caps and installed this jumper, and SHAZAM! It works, AND my receive sensitivity has returned to normal!

Any one need the schematics for this section please email!

DE KG6ANT, "AntMan"

13239. Re: [TS-850_450_690] Re: Anyone have a TS450 IF board for sal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-17 07:40:31 UTC
From: Hoyt
Topic: 13212 Message: 13239

Good for you, great job. Thanks for posting pics.
Hoyt n2jdk

“A Constitution of Government once changed from Freedom, can never be restored. Liberty, once lost, is lost forever.” – John Adams,

-----Original Message-----
From: daver@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Tue, Jun 16, 2015 11:22 pm
Subject: [TS-850_450_690] Re: Anyone have a TS450 IF board for sal

FIXED THE IF BOARD ON MY TS-690S! (Same as TS-450S)... Under the C104 the "+" side etch was corroded. Please see images...

C104 had leaked under the "55F", "55HT" and the "455 kHz" filters. I removed ALL of them and cleaned the stupid juice from underneath.

After reinstalling I had no more audio, (actually it was intermittent since I started).

I found the circuit was open from the IC5-4 to the "+" side of C104.

I thoroughly cleaned ALL the filters, replaced all the caps and installed this jumper, and SHAZAM! It works, AND my receive sensitivity has returned to normal!

Any one need the schematics for this section please email!

DE KG6ANT, "AntMan"

13240. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-17 19:30:56 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13240

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS450_690/rework_wire.JPG
Uploaded by : davelreynolds@... <daver@...>
Description : TS-450S/TS-690S IF board FIX/Rework

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/TS450_690/rework_wire.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

davelreynolds@... <daver@...>

13241. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-17 19:31:16 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13241

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS450_690/corroded_etch.JPG
Uploaded by : davelreynolds@... <daver@...>
Description : TS-450S/TS-690S IF board FIX/Rework, before

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/TS450_690/corroded_etch.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

davelreynolds@... <daver@...>

13242. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-17 19:31:35 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13242

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS450_690/audio_section.JPG
Uploaded by : davelreynolds@... <daver@...>
Description : TS-450S/TS-690S IF board FIX/Rework, parts locations

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/TS450_690/audio_section.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

davelreynolds@... <daver@...>

13243. Re: Anyone have a TS450 IF board for sal

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-17 19:36:40 UTC
From: daver@...
Topic: 13212 Message: 13243

Oops, I guess photos are a no-no...

FIXED THE IF BOARD ON MY TS-690S! (Same as TS-450S)... Under the C104 the "+" side etch was corroded. Please see images...

(audio_section.JPG in files section)

C104 had leaked under the "55F", "55HT" and the "455 kHz" filters. I removed ALL of them and cleaned the stupid juice from underneath.

After reinstalling I had no more audio, (actually it was intermittent since I started).

(corroded_etch.JPG in files section)
I found the circuit was open from the IC5-4 to the "+" side of C104.

(rework_wire.JPG in files section)
I thoroughly cleaned ALL the filters, replaced all the caps and installed this jumper, and SHAZAM! It works, AND my receive sensitivity has returned to normal!

Please email me if you want the schematic for the audio section for more clarity...

73, DE KG6ANT, "AntMan"

13244. Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-18 15:13:19 UTC
From: darklupine@...
Topic: 13212 Message: 13244

Hi Dave,

I kind of slacked following this thread. We arrived at the same troubleshooting steps, though!

C-98 in front of IC5 pin 1 was swapped, and I fixed the same bad trace (with a jumper) form IC5 pin 4 to C104 +. Unfortunately, in my troubleshooting I accidentally bridged a couple pins on IC5 with my multimeter probe and cooked it. I replaced it with a similar part, but while I get audio into the IC I don't seem to get anything but a constant voltage on the output side, pin 4. Guess it wasn't similar enough.

I found a broken board on eBay, happened to also have the same broken IC5 -> C104 trace. I replaced that and got audio back. Huzzah!

My victory was short lived, however. I get strong audio out now, but for some reason at the very least my tune button, the mic PTT button, and my S meter no longer work. I don't know if this is an existing problem with the borked board I bought, or if it is a cable I missed somewhere, or something entirely new again. Any idea? I'm hoping it's something simple.

13245. RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-19 00:11:52 UTC
From: Dave Reynolds
Topic: 13212 Message: 13245

I guess it would be easier to swap the ic5 to the board you fixed??? I can scan the schematic if you like... Did you check the filters cf1, 2 and 3 for oil from the defective cap? That could corrode a lot of stuff... Sent via my android phone David Reynolds
-------- Original message --------
From: "darklupine@gmail.com [TS-850_450_690]"
Date:06/18/2015 8:13 AM (GMT-08:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Hi Dave, I kind of slacked following this thread. We arrived at the same troubleshooting steps, though! C-98 in front of IC5 pin 1 was swapped, and I fixed the same bad trace (with a jumper) form IC5 pin 4 to C104 +. Unfortunately, in my troubleshooting I accidentally bridged a couple pins on IC5 with my multimeter probe and cooked it. I replaced it with a similar part, but while I get audio into the IC I don't seem to get anything but a constant voltage on the output side, pin 4. Guess it wasn't similar enough. I found a broken board on eBay, happened to also have the same broken IC5 -> C104 trace. I replaced that and got audio back. Huzzah! My victory was short lived, however. I get strong audio out now, but for some reason at the very least my tune button, the mic PTT button, and my S meter no longer work. I don't know if this is an existing problem with the borked board I bought, or if it is a cable I missed somewhere, or something entirely new again. Any idea? I'm hoping it's something simple.

13246. RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-19 03:34:02 UTC
From: darklupine@...
Topic: 13212 Message: 13246

I haven't checked the filters yet. Should I desolder them to get underneath and clean?

I need to pull the current audio-working board and put the bad-audio board in an see if that fixes the button issue, I'm just not sure if that's a function that would be affected by the IF board or not.

Sean

13247. RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-19 05:00:24 UTC
From: David L Reynolds
Topic: 13212 Message: 13247

Hi Sean,

Check the ribbon cable going from IF PCB to the front panel; on my system it was a B*TCH getting it back in the connector. Make sure it really is seated all the way. That is most of the front panel connections from the IF board… They did a great job of dressing the cables so the harnesses and connectors make sense where they should go.

After unsoldering the CF1, 2, 3 filters I discovered they are sealed on the bottom. IF YOU ARE BRAVE AND CAREFUL perhaps remove the board and drizzle some isopropyl alcohol and brush around them, blow-dry with a compressor/heat gun. They also are a real b*tch to get out without damaging the board/etches. The CF1 & 2 have a 5th (or 6th) pin that is on the opposite side of the row of pins. I almost broke one until I figured that little secret out…

Funny thing, I wrote Kenwood tech-support, asking if there were any other weak components for this vintage radio… His replay was “What weak components?” :/ Really dude? I sent you three links on this cap issue alone…

The good news is they still fix the 450S and 690S @ $75.00/hr labor +parts…

73, DE KG6ANT

David Lee Reynolds

IPC_logo_610certTr_2c-small IPC_logo_WHMA620_certTR_2c-small IPC_logo_001certTr_2c-small

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Thursday, June 18, 2015 8:34 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

I haven't checked the filters yet. Should I desolder them to get underneath and clean?

I need to pull the current audio-working board and put the bad-audio board in an see if that fixes the button issue, I'm just not sure if that's a function that would be affected by the IF board or not.

Sean

[Non-text portions of this message have been removed]

13248. Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-19 15:32:37 UTC
From: darklupine@...
Topic: 13212 Message: 13248

Okay, thanks, I'll check that out. I wonder if I damaged it somehow. Any idea if those ribbons are available somewhere if I did?

I've been warned by another TS450 owner that the section of trace or wire from the SO239 connector for the antenna to the board is weak and breaks often, and I've heard a lot about how I should replace the battery. One thing at a time, I think.

I found this page with a list of weak components:
Help! I Just Got a TS-450/690.
http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

Help! I Just Got a TS-450/690.
http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html C123 C123 + new 100 ohm resistor new 6.8K ohm resistor across R148 6.8K Optical illusion, the resistor lead clears that adjacent pad. Schematic

View on www.qsl.net http://www.qsl.net/w/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html
Preview by Yahoo

Sean

13249. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-19 15:41:57 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13249

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS450_690/TS45S_TS690S_schematic.pdf
Uploaded by : davelreynolds@... <daver@...>
Description : PDF of the schematic that was inserted in the original users manual, that is missing in all the on-line docs... PDF's suck for quality. I may try taking the schematic down to office depot/max and have it jpg'ed with high res...

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/TS450_690/TS45S_TS690S_schematic.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

davelreynolds@... <daver@...>

13250. RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-20 02:53:48 UTC
From: darklupine@...
Topic: 13212 Message: 13250

I reseated that cable and I've gotten everything back except for my tune button. Pin 1 looks damaged on the ribbon, but not enough that it should matter - it's only the very very tip of the connector. This is labeled "FDA" in the circuit diagram - I have no idea what that means.

On the plus side, I can now TX, and the meters seem to be working. I just have to stay on bands that my ocf dipole is resonant on.

Does anyone know if pin 1 on CN7 on the IF board is for the antenna tuner? If not, any idea where that button is connected to?

13251. RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-20 04:29:52 UTC
From: David L Reynolds
Topic: 13212 Message: 13251

What I see here, (which is likely what you see there), Digital PCB CN-4, Pin “1” goes to IC-6-11. The tuner is attached to the Digital board as well but through CN-9, which is attached to IC-1 (analog chip), and IC-7 (control?).

Now applying logic (pardon the pun), IF the tuner was working before the board swap, we can eliminate the DIGITAL PCB as suspect, so let’s look back at the IF board; IF PCB CN-7 pin “1” only goes two places on the IF board: IC3-13 [DA], and IC10-13 [DA]. I guess I would use a multi-meter and check continuity from DIGITAL PCB CN-4-1 to IF PCB IC-10 & IC-3 pin 13. If the connection is good than I believe one or both the TC9174F’s on the IF board are bad???

Perhaps swapping the IC5 audio chip into the otherwise known good IF board may be a better way to go at this point assuming nothing else was lost on the original IF board?

KG6ANT, Dave

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Friday, June 19, 2015 7:54 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

I reseated that cable and I've gotten everything back except for my tune button. Pin 1 looks damaged on the ribbon, but not enough that it should matter - it's only the very very tip of the connector. This is labeled "FDA" in the circuit diagram - I have no idea what that means.

On the plus side, I can now TX, and the meters seem to be working. I just have to stay on bands that my ocf dipole is resonant on.

Does anyone know if pin 1 on CN7 on the IF board is for the antenna tuner? If not, any idea where that button is connected to?

13252. CXD1095Q for TS450S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-25 04:15:19 UTC
From: Dmitry UR5IFB
Topic: 13252 Message: 13252

Hi ALL !
Need help in acquiring CXD1095Q - RCS Component
for TS450S
Payment guarantee !
TNX !

73 ! Dmitry , UR5IFB
With best regards from Donetsk !

Это сообщение проверено на вирусы антивирусом Avast.
https://www.avast.com/antivirus

13253. RE: [TS-850_450_690] Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-30 02:05:02 UTC
From: darklupine@...
Topic: 13212 Message: 13253

So, turns out the solution was much simpler. Apparently at some point I had bumped the tune/thru button and disabled the tuner. Looks like I'm back in business! Thanks for the help.

KB1YOQ

13254. Re: Anyone have a TS450 IF board for sale?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-06-30 15:42:01 UTC
From: daver@...
Topic: 13212 Message: 13254

Excellent Sean! Every time I do a repair and something new crops up, I try desperately to find the obvious switch or cable I missed... Some times I need to walk away and get some fresh air and take a new approach!

Glad you fixed it... Let's see, @$75.00/hr labor, + parts and shipping at Kenwood, yes I think you did well fixing it yourself!

13255. TS-690S for Sale... eBay.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-03 05:23:11 UTC
From: David L Reynolds
Topic: 13255 Message: 13255

http://www.ebay.com/itm/Kenwood-TS-690S-HF-6meter-ALL-MODE-Satellite-Transceiver-/231611504265?ssPageName=ADME:L:LCA:US:1123

KG6ANT

Dave Reynolds

13256. TS-450SAT only 50 Watts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-04 20:10:56 UTC
From: smdoty@...
Topic: 13256 Message: 13256

Hi folks,
At Field Day this year I noticed my TS-450 was only putting out 50 watts. It is the same across all bands and modes. Key her up and out comes 50 watts. It doesn't matter if the tuner is engaged or not and it seems to tune fine. I have the carrier/power/mic gain all cranked wide open. The power knob does run the output up and down, but it is 0-50 watts rather than going up to 100. I suspected one of the finals had burnt up or lifted off the board, but when I checked the look fine and appear to both be putting out rf. Should I suspect the drivers? Anyone here had similar symptoms? It's killing me that my baby is sick.

13257. Re: [TS-850_450_690] TS-450SAT only 50 Watts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-04 21:18:42 UTC
From: Steven KA9MOT
Topic: 13256 Message: 13257

I'm sorry that I don't have any good advice. I do have burning question
that I have to ask. .....OCD or something.

Why do you have your MIC Gain all the way up?

Steve KA9MOT
On Jul 4, 2015 4:13 PM, "smdoty@... [TS-850_450_690]" <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi folks,
> At Field Day this year I noticed my TS-450 was only putting out 50 watts.
> It is the same across all bands and modes. Key her up and out comes 50
> watts. It doesn't matter if the tuner is engaged or not and it seems to
> tune fine. I have the carrier/power/mic gain all cranked wide open. The
> power knob does run the output up and down, but it is 0-50 watts rather
> than going up to 100. I suspected one of the finals had burnt up or lifted
> off the board, but when I checked the look fine and appear to both be
> putting out rf. Should I suspect the drivers? Anyone here had similar
> symptoms? It's killing me that my baby is sick.
>
>

13258. Re: [TS-850_450_690] TS-450SAT only 50 Watts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-04 22:16:59 UTC
From: Dave ve3wej
Topic: 13256 Message: 13258

the ts440s I believe had a switch inside to limit output. perhaps someone (

or the manual) may tell you if the 450 has it as well. has this done this issue ever since you had the radio??? perhaps the previous user set the

switch. are you testing this on fsk or cw mode??? am mode I believe is only 40 watts, is that the test mode...

I always test in fsk, and into a dummy load...

Dave Garber
VE3WEJ / VE3IE

On Sat, Jul 4, 2015 at 4:10 PM, smdoty@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi folks,
> At Field Day this year I noticed my TS-450 was only putting out 50 watts.
> It is the same across all bands and modes. Key her up and out comes 50
> watts. It doesn't matter if the tuner is engaged or not and it seems to
> tune fine. I have the carrier/power/mic gain all cranked wide open. The
> power knob does run the output up and down, but it is 0-50 watts rather
> than going up to 100. I suspected one of the finals had burnt up or lifted
> off the board, but when I checked the look fine and appear to both be
> putting out rf. Should I suspect the drivers? Anyone here had similar
> symptoms? It's killing me that my baby is sick.
>
>

13259. RE: [TS-850_450_690] TS-450SAT only 50 Watts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-04 22:40:42 UTC
From: David L Reynolds
Topic: 13256 Message: 13259

Most finals I've replaced were shorted so the main fuse would blow immediately. I suppose one of the two PA's (Push-pull) transistors could be defective (open?) but the output signal would be greatly distorted.

I think you should look at the output signal waveform on a spectrum analyzer or a station-monitor scope to ensure the finals are not distorting/splattering the band.

http://www.RFPARTS.COM/ would have the paired output parts should you need them. Merit is very knowledgeable in all things RF…

Good luck…

David Lee Reynolds

KG6ANT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Saturday, July 04, 2015 1:11 PM
To: TS-850_450_690@...m
Subject: [TS-850_450_690] TS-450SAT only 50 Watts out

Hi folks,
At Field Day this year I noticed my TS-450 was only putting out 50 watts. It is the same across all bands and modes. Key her up and out comes 50 watts. It doesn't matter if the tuner is engaged or not and it seems to tune fine. I have the carrier/power/mic gain all cranked wide open. The power knob does run the output up and down, but it is 0-50 watts rather than going up to 100. I suspected one of the finals had burnt up or lifted off the board, but when I checked the look fine and appear to both be putting out rf. Should I suspect the drivers? Anyone here had similar symptoms? It's killing me that my baby is sick.

13260. Re: TS-450SAT only 50 Watts out

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-04 23:29:38 UTC
From: smdoty@...
Topic: 13256 Message: 13260

I was able to make several contacts at Field Day without any trouble, but noticed I was only putting out 50 watts into a friends external tuner. This week I took it to work and put it on the bench into a dummy load. Only 50 watts. It used to put out a full 100. Not sure what changed.

13261. PS-40

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-05 20:59:28 UTC
From: na8w@...
Topic: 13261 Message: 13261

I have a Kenwood PS-40 power supply that I use for my radio. During field day it exhibited a loud pop and quit working. I found that C29 had blown. That appears to be all that is damaged. Problem, I have a schematic but it is blurred and I can't read what size it is. C30 appears identical in the supply but no numbers on it.

Can anyone help?

Darl NA8W

13262. Re: [TS-850_450_690] PS-40

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-05 22:32:03 UTC
From: Tom Waraksa
Topic: 13261 Message: 13262

You may want to check the rectifiers while you are in there. Just in case.

Tom AF8P

Sent from Yahoo Mail on Android

From:"na8w@hotmail.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Date:Sun, Jul 5, 2015 at 5:54 PM
Subject:[TS-850_450_690] PS-40

I have a Kenwood PS-40 power supply that I use for my radio. During field day it exhibited a loud pop and quit working. I found that C29 had blown. That appears to be all that is damaged. Problem, I have a schematic but it is blurred and I can't read what size it is. C30 appears identical in the supply but no numbers on it.

Can anyone help?

Darl NA8W

13263. Re: [TS-850_450_690] PS-40

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-05 22:59:09 UTC
From: Darl Deeds
Topic: 13261 Message: 13263

I will do that Tom, Thanks

Darl NA8W

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Sunday, July 05, 2015 6:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] PS-40

You may want to check the rectifiers while you are in there. Just in case.

Tom AF8P

Sent from Yahoo Mail on Android

From:"na8w@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Date:Sun, Jul 5, 2015 at 5:54 PM
Subject:[TS-850_450_690] PS-40

I have a Kenwood PS-40 power supply that I use for my radio. During field day it exhibited a loud pop and quit working. I found that C29 had blown. That appears to be all that is damaged. Problem, I have a schematic but it is blurred and I can't read what size it is. C30 appears identical in the supply but no numbers on it.

Can anyone help?

Darl NA8W

13264. Re: [TS-850_450_690] PS-40

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-06 01:10:20 UTC
From: Dave ve3wej
Topic: 13261 Message: 13264

manual and schematic

http://boxspringsonline.com/kenwood/1612-kenwood-ps-40-instructions-manual

Dave Garber
VE3WEJ / VE3IE

On Sun, Jul 5, 2015 at 6:59 PM, Darl Deeds na8w@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I will do that Tom, Thanks
>
> Darl NA8W
>
> *From:* mailto:TS-850_450_690@yahoogroups.com
> <TS-850_450_690@yahoogroups.com>
> *Sent:* Sunday, July 05, 2015 6:32 PM
> *To:* TS-850_450_690@yahoogroups.com
> *Subject:* Re: [TS-850_450_690] PS-40
>
>
>
> You may want to check the rectifiers while you are in there. Just in
> case.
>
> Tom AF8P
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
> ------------------------------
> *From*:"na8w@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com>
> *Date*:Sun, Jul 5, 2015 at 5:54 PM
> *Subject*:[TS-850_450_690] PS-40
>
>
>
> I have a Kenwood PS-40 power supply that I use for my radio. During field
> day it exhibited a loud pop and quit working. I found that C29 had blown.
> That appears to be all that is damaged. Problem, I have a schematic but it
> is blurred and I can't read what size it is. C30 appears identical in the
> supply but no numbers on it.
>
>

> Can anyone help?
>
>
> Darl NA8W
>

>
>

13265. RE: [TS-850_450_690] PS-40

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-06 02:13:38 UTC
From: David L Reynolds
Topic: 13261 Message: 13265

It looks like on the schematic that C17, C29 & C32 are the same (at least on the fuzzy schematic I found.

It shows 2200 uFd and I would make sure I put in 35 VDC @ 70c. C17 & C29 are in parallel and C32 is in parallel AFTER the choke coil. Unless it shorted out, the supply should still output power although regulation, and noise would be increased…

As Tom suggested, the rectifiers on the switcher out should be checked.

Do the fans run? Does the supply “squeal”?

David Lee Reynolds

DE KG6ANT

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Sunday, July 05, 2015 1:59 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] PS-40

I have a Kenwood PS-40 power supply that I use for my radio. During field day it exhibited a loud pop and quit working. I found that C29 had blown. That appears to be all that is damaged. Problem, I have a schematic but it is blurred and I can't read what size it is. C30 appears identical in the supply but no numbers on it.

Can anyone help?

Darl NA8W

13266. Re: [TS-850_450_690] PS-40

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-06 12:24:30 UTC
From: Darl Deeds
Topic: 13261 Message: 13266

Thank You very much. Nothing runs. The internal fuse is ok but after the cap. blew it does nothing. I have not had a chance yet to check further.

Darl NA8W

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Sunday, July 05, 2015 10:13 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] PS-40

It looks like on the schematic that C17, C29 & C32 are the same (at least on the fuzzy schematic I found.

It shows 2200 uFd and I would make sure I put in 35 VDC @ 70c. C17 & C29 are in parallel and C32 is in parallel AFTER the choke coil. Unless it shorted out, the supply should still output power although regulation, and noise would be increased…

As Tom suggested, the rectifiers on the switcher out should be checked.

Do the fans run? Does the supply “squeal”?

David Lee Reynolds

DE KG6ANT

From: TS-850_450_690@...m [mailto:TS-850_450_690@yahoogroups.com]
Sent: Sunday, July 05, 2015 1:59 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] PS-40

I have a Kenwood PS-40 power supply that I use for my radio. During field day it exhibited a loud pop and quit working. I found that C29 had blown. That appears to be all that is damaged. Problem, I have a schematic but it is blurred and I can't read what size it is. C30 appears identical in the supply but no numbers on it.

Can anyone help?

Darl NA8W

13267. TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-08 20:40:34 UTC
From: cparrish104@...
Topic: 13267 Message: 13267

Receive quickly drops out and then returns It may go several minutes before repeating. The problem is very intermittent and somewhat band specific. Transmit seems OK. Sometimes a relay chatters. The ATU appears to work OK. Thanks for any suggestions.
Curt, K4TL

13268. RE: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-08 20:56:58 UTC
From: Dave Reynolds
Topic: 13267 Message: 13268

See the IF board repair discussions. This is EXACTLY what my radio was doing before I replaced defective audio caps and cleaned the dielectric juice from under the three crystal filters.... Sent via my android phone David Reynolds
-------- Original message --------
From: "cparrish104@cfl.rr.com [TS-850_450_690]"
Date:07/08/2015 1:40 PM (GMT-08:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Intermittent Receive

Receive quickly drops out and then returns It may go several minutes before repeating. The problem is very intermittent and somewhat band specific. Transmit seems OK. Sometimes a relay chatters. The ATU appears to work OK. Thanks for any suggestions. Curt, K4TL

13269. Re: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-08 21:32:16 UTC
From: Dave ve3wej
Topic: 13267 Message: 13269

Is you antenna blowing in the wind, when this happens??

there is an issue with the carrier board, but that is on transmit, as far
as I remember. maybe a little more info is needed...

Dave Garber
VE3WEJ / VE3IE

On Wed, Jul 8, 2015 at 4:40 PM, cparrish104@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Receive quickly drops out and then returns It may go several minutes
> before repeating. The problem is very intermittent and somewhat band
> specific. Transmit seems OK. Sometimes a relay chatters. The ATU appears
> to work OK. Thanks for any suggestions.
>
> Curt, K4TL
>
>
>

13270. Re: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-08 23:12:06 UTC
From: Bob Naylor
Topic: 13267 Message: 13270

Make sure the 'wide" noise blanker is off.Bob WE6C
From: "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 8, 2015 2:32 PM
Subject: Re: [TS-850_450_690] TS-850S Intermittent Receive

Is you antenna blowing in the wind, when this happens??

there is an issue with the carrier board, but that is on transmit, as far as I remember. maybe a little more info is needed...
Dave GarberVE3WEJ / VE3IE
On Wed, Jul 8, 2015 at 4:40 PM, cparrish104@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Receive quickly drops out and then returns It may go several minutes before repeating. The problem is very intermittent and somewhat band specific. Transmit seems OK. Sometimes a relay chatters. The ATU appears to work OK. Thanks for any suggestions.Curt, K4TL

13271. Re: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-08 23:13:11 UTC
From: Bob Naylor
Topic: 13267 Message: 13271

However the "wide" noise blanker would not make the relay chatter. I missed that part.Bob
 WE6C
From: "Dave Reynolds daver@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 8, 2015 1:56 PM
Subject: RE: [TS-850_450_690] TS-850S Intermittent Receive

  See the IF board repair discussions.
This is EXACTLY what my radio was doing before I replaced defective audio caps and cleaned the dielectric juice from under the three crystal filters....
Sent via my android phone
David Reynolds

-------- Original message --------From: "cparrish104@... [TS-850_450_690]" Date:07/08/2015 1:40 PM (GMT-08:00) To: TS-850_450_690@yahoogroups.com Subject: [TS-850_450_690] TS-850S Intermittent Receive
  Receive quickly drops out and then returns It may go several minutes before repeating. The problem is very intermittent and somewhat band specific. Transmit seems OK.
 Sometimes a relay chatters. The ATU appears to work OK. Thanks for any suggestions.Curt, K4TL

13272. Re: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-09 11:34:12 UTC
From: <cparrish104@...>
Topic: 13267 Message: 13272

Hi Dave,

The antenna was disconnected and replaced by an RF signal generator.

Thanks, Curt

---- "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> Is you antenna blowing in the wind, when this happens??
>
>
>
>
> there is an issue with the carrier board, but that is on transmit, as far
> as I remember. maybe a little more info is needed...
>
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
>
> On Wed, Jul 8, 2015 at 4:40 PM, cparrish104@... [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>
> >
> >
> > Receive quickly drops out and then returns It may go several minutes
> > before repeating. The problem is very intermittent and somewhat band
> > specific. Transmit seems OK. Sometimes a relay chatters. The ATU appears
> > to work OK. Thanks for any suggestions.
> >
> > Curt, K4TL
> >
> >
> >

13273. RE: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-09 11:35:47 UTC
From: <cparrish104@...>
Topic: 13267 Message: 13273

David, Thanks, I'll review those discussions. Curt ---- "Dave Reynolds daver@... [TS-850_450_690]" wrote: > See the IF board repair discussions. This is EXACTLY what my radio was doing before I replaced defective audio caps and cleaned the dielectric juice from under the three crystal filters.... Sent via my android phone David Reynolds
-------- Original message --------
From: "cparrish104@... [TS-850_450_690]"
Date:07/08/2015 1:40 PM (GMT-08:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850S Intermittent Receive

Receive quickly drops out and then returns It may go several minutes before repeating. The problem is very intermittent and somewhat band specific. Transmit seems OK. Sometimes a relay chatters. The ATU appears to work OK. Thanks for any suggestions. Curt, K4TL

13274. Re: [TS-850_450_690] TS-850S Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-09 11:38:30 UTC
From: <cparrish104@...>
Topic: 13267 Message: 13274

Bob,

I'll check this, thank you. However, I agree, I don't think this would affect a relay.

Curt

---- "Bob Naylor wotbob01@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> However the "wide" noise blanker would not make the relay chatter. I missed that part.Bob
 WE6C
> From: "Dave Reynolds daver@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 8, 2015 1:56 PM
> Subject: RE: [TS-850_450_690] TS-850S Intermittent Receive
>
>   See the IF board repair discussions.
> This is EXACTLY what my radio was doing before I replaced defective audio caps and
cleaned the dielectric juice from under the three crystal filters....
> Sent via my android phone
> David Reynolds
>
>
> -------- Original message --------From: "cparrish104@... [TS-850_450_690]"
Date:07/08/2015 1:40 PM (GMT-08:00) To: TS-850_450_690@yahoogroups.com Subject:
[TS-850_450_690] TS-850S Intermittent Receive
>   Receive quickly drops out and then returns It may go several minutes before
repeating. The problem is very intermittent and somewhat band specific. Transmit seems OK.
 Sometimes a relay chatters. The ATU appears to work OK. Thanks for any suggestions.Curt,
K4TL

13275. Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-22 09:58:13 UTC
From: nerminnadzakovic@...
Topic: 13275 Message: 13275

Good day to all. I am E74D, Nermin from Bosnia and Herzegovina, a newcomer here. Many thanks for You guys that You provide such a valuable help with the radios.

I have two radios. TS 850 and TS 690. few days ago my 690 gave me some problems. When I turned it on there was no audio on speaker and headphones also and there was no TX. Audio is OK only on AM/FM mode, loud and clear but on all other modes there is only weak trace of audio. So, CW, FSK, USB/LSB modes are audio deaf. Receiver seems to be working. S meter shows signals.

Also, when I try to transmit on CW or SSB modes there is no output power. (Did not try DIGI modes). Display shows blank area on S meter and red TX led is turned ON. No power at all is shown on display.

So, pretty worried now. I hope that You guys could give me some help with this issue. 73 de E74D

13276. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-25 22:05:08 UTC
From: a1aop@...
Topic: 13275 Message: 13276

Sorry to hear about your 690. Sounds like it might be the bad C104 capacitor problem on the IF board that most 450s and 690s suffer from as they age. Check the files section and search conversations for the numerous postings on this and your no transmit issue. Check the menu to ensure transmit hasn't been disabled and check the power board connector in the back to ensure connectivity. You can view the IF board through the bottom filter access panel. Good Luck.

Jerry N3HAM

13277. Complete TS 850 station with DSP 100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-26 16:07:47 UTC
From: W3PA@...
Topic: 13277 Message: 13277

I am selling my TS 850 station with DSP 100 along with the matching PS and speaker less microphone.

I am asking $1200 for the entire station including shipping in the 48 US states from 19518

email me at W3PA for photos

W3PA
Olaf Markert

PS:
I do travel often for business so my reply may delayed a few days

13278. FS Kenwood TS-850AT

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-26 20:28:36 UTC
From: Tomy
Topic: 13277 Message: 13278

Very nice working Kenwood TS-850SAT. Just back from AVVID Electronics were Clif went through the radio and replaced 11 caps and made sure everything is working fine. Already has the newer DDS chips installed.
Auto tuner works fine, 100 watts on all bands and is a 9 out of 10. Serial number 30800426. Includes the manual, and power cord. I received it with no mic. Smoke free environment. It will be triple boxed. $800.00 insured and shipped CONUS including Paypal fees.
Call me Tomy at 928-710-9231 73! Tomy KF7GC
AZ STM
NM AZ Section Net
ORS, PAN Cycle 2 NM
www.atenaz.net
From: "W3PA@aol.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 26, 2015 9:07 AM
Subject: [TS-850_450_690] Complete TS 850 station with DSP 100

  I am selling my TS 850 station with DSP 100 along with the matching PS and speakerless microphone.
I am asking $1200 for the entire station including shipping in the 48 US states from 19518

email me at W3PA for photos
W3PAOlaf Markert
PS:I do travel often for business so my reply may delayed a few days

13279. TS-850 RX problem - blown input :-(

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-27 10:48:53 UTC
From: Alexandr Kobranov
Topic: 13279 Message: 13279

Hi friends,

by some stupid constallation I shortly send 12W from my second gear
directly to TS-850 input.
Now TS-850 RX is cca 20dB attenuated but working OK. Reacting on
ATT/AIP. But "deaf".

Just asking for similar experience and what to check at first. Diodes
D93/D94/D3? Or?

Thanks for any feedback
73
Lexa, OK1DST

--
http://www.amoscz.cz

Není-li v této zprávě výslovně uvedeno jinak, tato zpráva není bez ohledu na její obsah veřejným příslibem a nejedná se o závazný návrh na uzavření smlouvy (nabídku) či o návrh na její změnu či ukončení a není potvrzením o splnění dluhu ze strany AMOS CZ, a.s..
Není-li v této zprávě výslovně uvedeno jinak, tato zpráva je považována za pracovní dokument a je pouze výzvou k podání nabídky na uzavření smlouvy ze strany adresáta a nesmí být adresátem jakýmkoliv způsobem změněna či opatřena dodatkem.
Předpokladem uzavření jednotlivé smlouvy je dle vůle AMOS CZ, a.s. dosažení shody o všech náležitostech smlouvy. Odkáže-li AMOS CZ, a.s. a adresát v nabídce i v přijetí nabídky na obchodní podmínky, které si odporují, není smlouva uzavřena.

Tato zpráva byla zkontrolována na viry programem Avast Antivirus.
https://www.avast.com/antivirus

13280. Re: [TS-850_450_690] TS-850 RX problem - blown input :-(

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-27 15:38:30 UTC
From: JF
Topic: 13279 Message: 13280

12W directly in from an external rig? Much less than that, even in the milliwatts range, could damage parts. Other users have mentioned first checking a blown surge absorber it in regard to receiver overload:

> the surge absorber DSA301LA, located on the small pc board
> connected to the antenna connector, (remove top cover of filter
> unit, top of rig, rear-center, to get to it).

There are a couple photos of this small tubular device that were posted some years ago in this group by Bill Leahy K0ZL, at

groups.yahoo.com/neo/groups/TS-850_450_690/search/photos?query=surge%20absorber#zax/albums_304758952

Also, other parts could have been damaged by RF into the rcvr, some articles can be found via Google.

73
John KE5ZB

On Mon, 7/27/15, Alexandr Kobranov kobranov@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

by some stupid constallation I shortly send 12W from my second gear directly to TS-850 input.
Now TS-850 RX is cca 20dB attenuated but working OK.
Reacting on ATT/AIP. But "deaf".
Just asking for similar experience and what to check at
first. Diodes D93/D94/D3? Or?

13281. Re: [TS-850_450_690] TS-850 RX problem - blown input :-(

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-27 17:23:21 UTC
From: Alexandr Kobranov
Topic: 13279 Message: 13281

Hi John,

I will go through all input circuit at will see. It seems that 20dB attenuation is not band-dependent so I will try to go with XG2 signal generator step-by-step and also check voltage on diodes.

I tried to "google" some informations about similar problem but no success yet :-(

If anybody has some direct/indirect experience - please, let me know (on or of conferrence)

Thanks

-dst-

27. 7. 2015 v 17:38, JF:

> 12W directly in from an external rig? Much less than that, even in the milliwatts range, could damage parts. Other users have mentioned first checking a blown surge absorber it in regard to receiver overload:
>
>> the surge absorber DSA301LA, located on the small pc board
>> connected to the antenna connector, (remove top cover of filter
>> unit, top of rig, rear-center, to get to it).
>
> There are a couple photos of this small tubular device that were posted some years ago in this group by Bill Leahy K0ZL, at
>
> groups.yahoo.com/neo/groups/TS-850_450_690/search/photos?query=surge%20absorber#zax/albums_304758952
>
> Also, other parts could have been damaged by RF into the rcvr, some articles can be found via Google.
>
> 73
> John KE5ZB
> ---
>
> On Mon, 7/27/15, Alexandr Kobranov kobranov@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> by some stupid constallation I shortly send 12W from my second gear directly to TS-850 input.
> Now TS-850 RX is cca 20dB attenuated but working OK.

> Reacting on ATT/AIP. But "deaf".
> Just asking for similar experience and what to check at
> first. Diodes D93/D94/D3? Or?

>

13282. Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 01:41:42 UTC
From: n0ee@...
Topic: 13282 Message: 13282

My TS850S has intermittent receive. When it goes out, I can push in/out the REC/SEND switch and the receive usually comes back, I kinda have to "snap" it out. Is this indicative of a bad switch? I have read all about the transistor on the SW BK board, and other intermittent receive issues.

13283. Re: Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 13:14:14 UTC
From: n0ee@...
Topic: 13282 Message: 13283

I have just noticed when the receive drops out and comes back sometimes I hear what I think is a relay, so I'm leaning towards the transistor on the SW BK board or a bad solder joint, I have a switch on the way, a freeby from another ham. It works perfectly for days, no rhyme or reason as to when the issue comes about. Any ideas on how to proceed would be greatly appreciated.

13284. Re: [TS-850_450_690] TS-850 RX problem - blown input :-(

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 14:56:51 UTC
From: ea1cxh@...
Topic: 13279 Message: 13284

If i understand, now your TS850 receiver is 20db lower than another reference receiver. If this is the case check Q49 (DTC124EK) on the RF board, it might be damaged. I had a similar issue and the AM detector diode was also blown.

73!

Juan - EA1NK

13285. TS850 Tuner failure on 80m band

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 15:00:50 UTC
From: ea1cxh@...
Topic: 13285 Message: 13285

Hi!
I have a problem with the ATU unit on my 850.
The tuner works on all the bands except on 80m. The SWR meter shows low SWR but the tuner dont stop tuning no matter what antenna is connected (Morgain dipole, 1/4 vertical, Windom).

My other 850 and 480 tuners works fine, but this one refuses to work on 80m.

Any help will be much appreciated.

73!

Juan - EA1NK

13286. Re: [TS-850_450_690] TS-850 RX problem - blown input :-(

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 15:07:51 UTC
From: ea1cxh@...
Topic: 13279 Message: 13286

As the DTC124EK reference was difficult to find, I replaced it with an MMUN2212LT1G (ref 9556656 from Farnell).

13287. Re: [TS-850_450_690] Re: Intermittent Receive

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 16:41:52 UTC
From: <cparrish104@...>
Topic: 13282 Message: 13287

My '850 recently had the same or similar problem. The relay in mine actually chatters. After troubleshooting it for a while, I sent it on to AVVID. Sorry I can't be of more help.

73, Curt, K4TL

---- "n0ee@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> I have just noticed when the receive drops out and comes back sometimes I hear what I think is a relay, so I'm leaning towards the transistor on the SW BK board or a bad solder joint, I have a switch on the way, a freeby from another ham. It works perfectly for days, no rhyme or reason as to when the issue comes about. Any ideas on how to proceed would be greatly appreciated.

13288. Re: [TS-850_450_690] TS850 Tuner failure on 80m band

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 16:39:26 UTC
From: Dave ve3wej
Topic: 13285 Message: 13288

perhaps the carrier level is not high enough on 80 for it to tune?

Dave Garber
VE3WEJ / VE3IE

On Tue, Jul 28, 2015 at 11:00 AM, ea1cxh@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi!
>
> I have a problem with the ATU unit on my 850.
>
> The tuner works on all the bands except on 80m. The SWR meter shows low
> SWR but the tuner dont stop tuning no matter what antenna is connected
> (Morgain dipole, 1/4 vertical, Windom).
>
>
> My other 850 and 480 tuners works fine, but this one refuses to work on
> 80m.
>
>
> Any help will be much appreciated.
>
>
> 73!
>
>
> Juan - EA1NK
>
>
>

13289. Re: [TS-850_450_690] TS-850 RX problem - blown input :-(

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 17:02:48 UTC
From: kobranov@...
Topic: 13279 Message: 13289

THANKS!
Just removed RF Board from rig, will check!
All diodes seems to be OK, no "smoke-sign" around...

73!
Lexa, -dst-

13290. Re: [TS-850_450_690] TS850 Tuner failure on 80m band

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 18:12:20 UTC
From: Bob Naylor
Topic: 13285 Message: 13290

After checking the carrier level, try tuning into a dummy load.Bob WE6C
From: "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, July 28, 2015 9:39 AM
Subject: Re: [TS-850_450_690] TS850 Tuner failure on 80m band

perhaps the carrier level is not high enough on 80 for it to tune?
Dave GarberVE3WEJ / VE3IE
On Tue, Jul 28, 2015 at 11:00 AM, ea1cxh@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Hi! I have a problem with the ATU unit on my 850. The tuner works on all the bands except on 80m. The SWR meter shows low SWR but the tuner dont stop tuning no matter what antenna is connected (Morgain dipole, 1/4 vertical, Windom).
My other 850 and 480 tuners works fine, but this one refuses to work on 80m.
Any help will be much appreciated.
73!
Juan - EA1NK

13291. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 19:00:42 UTC
From: nerminnadzakovic@...
Topic: 13275 Message: 13291

Thank You very much Jerry for reply. I have replaced C104 once, maybe couple of month ago, but with a used one, did not had new one then. Lets hope that problem is the same and will be solved with a new capacitor.

By the way, one thing is also problem. Power on 28 MHz is only 60 W and on all other bands is more than a 100W, about 120W max. I have turned some trimmer resistor on board but got only small power improvement.

Any clue?

13292. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-07-28 23:58:29 UTC
From: a1aop@...
Topic: 13275 Message: 13292

Well it seems like your 450 is transmitting again, that's good. As for the low power on 28 MHz I wouldn't know. I assume you are using a dummy load for testing and your 850 produces 100 w on ten meters with the same set-up in order to eliminate connection problems. I try to eliminate simple operator errors before I delve into a radio. Keep searching the conversations for posts with similar problems. That's what I usually do.

Jerry N3HAM

13293. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-01 13:47:37 UTC
From: nerminnadzakovic@...
Topic: 13275 Message: 13293

Hi again. I was away from the home for several days. Unfortunately radio is not working yet. I did not opened it yet since I am on vacation. I will see that C104 again and will let You know about result.

13294. TS-850: Monitoring doesn't work !!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-02 11:24:12 UTC
From: isabelle.fourias@...
Topic: 13294 Message: 13294

Hi all,

I have a problem with the monitoring.

I changed IC7 on the IF unit but monitoring is still out.

I got the same results with the old and new IC7

I have 3.77v on pin3,5,6,7 but not on pin2 (pin2 0v)

On pin 8 I have 7.55v
On pin1 I have +/- 6v for few seconds then down to 0v

Signal input from CN16 is ok.
The monitor muting is ok
Signal from CN16 is ok on C172 - Pin2 (+/- 40mv PP)

I removed C172 and still can not get 3.77v on pin2

If anyone could help me, the circuit diagram of the IF Unit is on page 154 (moni pre amp IC7)

Any help should be appreciated pse.

Thanks in advance

13295. Re: [TS-850_450_690] TS-850: Monitoring doesn't work !!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-02 19:17:10 UTC
From: Dave ve3wej
Topic: 13294 Message: 13295

which radio and which mode.. is your control for the moni turned up

Dave Garber
VE3WEJ / VE3IE

On Sun, Aug 2, 2015 at 7:24 AM, isabelle.fourias@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi all,
>
>
> I have a problem with the monitoring.
>
> I changed IC7 on the IF unit but monitoring is still out.
>
>
> I got the same results with the old and new IC7
>
> I have 3.77v on pin3,5,6,7 but not on pin2 (pin2 0v)
>
> On pin 8 I have 7.55v
>
> On pin1 I have +/- 6v for few seconds then down to 0v
>
>
> Signal input from CN16 is ok.
>
> The monitor muting is ok
>
> Signal from CN16 is ok on C172 - Pin2 (+/- 40mv PP)
>
>
> I removed C172 and still can not get 3.77v on pin2
>
>
> If anyone could help me, the circuit diagram of the IF Unit is on page 154
> (moni pre amp IC7)
>
>

> Any help should be appreciated pse.
>
> Thanks in advance
>

>
>
>
>
>

13296. Can I use the ACC2 (or other) plug for Easy Digi?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-05 22:36:15 UTC
From: junkmailsux@...
Topic: 13296 Message: 13296

Is it possible to use the ACC2 or any other plug to hook up the audio out and Mic input for digital modes or do I have to keep switching the Mic jack when I switch between phone and digital?

KK6DPE
Chad

13297. Re: [TS-850_450_690] Can I use the ACC2 (or other) plug for Easy Digi?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-06 00:50:58 UTC
From: <wa4jqs@...>
Topic: 13296 Message: 13297

> Is it possible to use the ACC2 or any other plug to hook up the audio
> out and Mic input for digital modes or do I have to keep switching the
> Mic jack when I switch between phone and digital?

>
> KK6DPE
> Chad
>
> look at the pin out on your radio its in the book. you have audio out
and in.
73 Tony

13298. Re: [TS-850_450_690] Can I use the ACC2 (or other) plug for Easy Digi?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-06 01:16:35 UTC
From: Frank Raffaele
Topic: 13296 Message: 13298

It is possible however if the rig is keyed via the communication port, the front panel mic line stays active and you'll have to unplug it to stop the room noise from going out.

If you want to use ACC2 I suggest you key the rig from ACC2 also. (This is my experience using a 450.)

I also suggest a second sound card in the PC to prevent your Windows sounds from being transmitted. (Assuming you're using a Windows PC.)

13299. ARCP for TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-09 09:11:58 UTC
From: fortra@...
Topic: 13299 Message: 13299

Hi Guys,

have had acquired TS-850Sat for the third time

Regarding PC control, is there any similar program such as ACRP-590, which i use on my TS-590S ??
I am going to use Microham USB interface II with TS-850S..

Any advice please ??

Thanks,

Nermin S58DX

13300. Murata Filters CFJ455K12 and CFJ455K13

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-09 09:07:28 UTC
From: fortra@...
Topic: 13300 Message: 13300

Hi Guys,
recently i have acquired TS-850SAT for the third time:)
Have had changed 2nd.IF filter into YK88S2. Now the Murata
filter CFJ455K12 (3rd.IF) is original one in TS-850S.

In TS-930S i have YK-88S2 and Murata CFJ455K13.

When comparing both service manuals TS930S/TS850S(characteristcs)
of built in CFJ filters, apparently no difference....
Could not find those differencis on the WEB either ??...

Thus, why the different markings for the same characteristics of CFJ filters??

Thanks,

Nermin S58DX

13301. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-10 20:15:30 UTC
From: nerminnadzakovic@...
Topic: 13275 Message: 13301

Here is the update.

As said many times before on forums, I replaced C104 and cleaned all the traces and thru-holes on PCB, that was impacted from leaking C104. I removed all 3 filters and cleaned under them also. I checked for continuity for all the elements close to the C104 and everything seems OK. Yet, radio is still doing the same. No TX and no audio on except on AM mode, where the audio is normal and strong. VE1IC wrote on forum on other similar problem that reason could be some PIN diode and IF amplifier near filter but I dont know where exactly are those elements.

I am stuck now! Does anyone here have some time and will to help. Thanks. 73 de E74D

13302. RES: [TS-850_450_690] Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-10 22:46:17 UTC
From: Rodrigo
Topic: 13275 Message: 13302

Hi Jerry

I have not been following your post but on a quick look I saw that you are having trouble with the famous C104, like I did.

On my case the TS450 C104 leakage was new when detected back then to cause much damage I guess.

I remember back them (years ago) I replaced the cap and cleaning up the board with contact cleaner spray which didn´t help at the time. The radio still had no audio and the ALC meter went crazy.

I was too busy back them to try something thing else to make it work and then I put the radio back in the closet...

Several years later I decided to try my TS450 again (couple weeks ago)..and voilá...it was fixed! I believe the contact cleaner left something humid back then that prevented the radio to function properly and now it is all dried and it is working.

But the reason for this email is to point you to couple videos from one of the best technicians here in Brazil.

He posts videos on the YouTube showing all his works and there are couple videos about this same problem C104.

And since you are doing everything by yourself, try it out and see his work...He speaks portuguese during the videos. Now days he does not repair TS450 line anymore due to the radio age (no parts, I´ve heard) but you can get some ideas about his work...

I was going to try something else on my TS450 based on his videos, before taking my radio out of the closet, but since it fixed itself, I´m lucky!!

https://www.youtube.com/watch?v=NR9hHZaW4Vw

https://www.youtube.com/watch?v=gjCLq-5-CKw

Let me know if you need any help

Sorry for my poor english.

73

Rodrigo

PU4RCS/N1PXB

De: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Enviada em: segunda-feira, 10 de agosto de 2015 17:16
Para: TS-850_450_690@yahoogroups.com

Assunto: [TS-850_450_690] Re: Audio, mode and TX Problem with TS-690

Here is the update.

As said many times before on forums, I replaced C104 and cleaned all the traces and thru-holes on PCB, that was impacted from leaking C104. I removed all 3 filters and cleaned under them also. I checked for continuity for all the elements close to the C104 and everything seems OK. Yet, radio is still doing the same. No TX and no audio on except on AM mode, where the audio is normal and strong. VE1IC wrote on forum on other similar problem that reason could be some PIN diode and IF amplifier near filter but I dont know where exactly are those elements.

I am stuck now! Does anyone here have some time and will to help. Thanks. 73 de E74D

[Non-text portions of this message have been removed]

13303. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-11 05:28:55 UTC
From: nerminnadzakovic@...
Topic: 13275 Message: 13303

Hello Rodrigo. Many thanks for the video. I will watch the video and see is it pointing to something else on board. 73

13304. Re: RES: [TS-850_450_690] Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-11 14:35:00 UTC
From: T. Scott Griffin
Topic: 13275 Message: 13304

Check to see that after you reset the IF board, all of your connectors were properly reset. I had the same problem after replacing C104, and discovered that one of the connectors had not been properly reconnected. Just a thought and I hope it might help.
?
73s, Scott, N6CIC
?
Sent from Mail (http://go.microsoft.com/fwlink/?LinkId=550986) for Windows 10

13305. Re: Audio, mode and TX Problem with TS-690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-13 12:40:52 UTC
From: nerminnadzakovic@...
Topic: 13275 Message: 13305

Ok my friend. Thanks for sharing Your experience. It is probably not that, but thanks for try anyway. GL CU

13306. Nice Face plate

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-15 21:57:53 UTC
From: tim_luvs_dawn@...
Topic: 13306 Message: 13306

Kenwood TS 450 Face plate
http://www.ebay.com/itm/141746764368?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

http://www.ebay.com/itm/141746764368?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

Kenwood TS 450 Face plate
http://www.ebay.com/itm/141746764368?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
US $35.00 For parts or not working in Consumer Electronics, Radio Communication, Ham, Amateur Radio

View on www.ebay.com
http://www.ebay.com/itm/141746764368?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
Preview by Yahoo

13307. linear/external tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-18 23:08:43 UTC
From: Stephen
Topic: 13307 Message: 13307

I recently got my hands on a nice 690 and 790. I have an ALS-600 and a LDG AT-1000. I have the remote cable cable with the ALC. I have my power on the radio (690) less than half and still the linear goes into fault and shuts off. I have the remote menu turned on. Is there another setting on the 690 that needs to be changed? I have the internal tuner set to thru..... Swr is around 2.

I'm pretty well lost at this point. Don't want to tear up anything.

Sent from Yahoo Mail on Android

13308. Re: [TS-850_450_690] linear/external tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-21 09:58:30 UTC
From: Dave ve3wej
Topic: 13307 Message: 13308

I am no expert, but I would suspect the amp does NOT like the 2:1 swr.
can the tuner not bring that down, and is it on the antenna side of the
amp???

Dave Garber
VE3WEJ / VE3IE

On Tue, Aug 18, 2015 at 7:08 PM, Stephen stephenhutto@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I recently got my hands on a nice 690 and 790. I have an ALS-600 and a LDG
> AT-1000. I have the remote cable cable with the ALC. I have my power on the
> radio (690) less than half and still the linear goes into fault and shuts
> off. I have the remote menu turned on. Is there another setting on the 690
> that needs to be changed? I have the internal tuner set to thru..... Swr is
> around 2.
> I'm pretty well lost at this point. Don't want to tear up anything.
>
> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
>

13309. Re: [TS-850_450_690] linear/external tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-21 14:45:54 UTC
From: myyahoo@...
Topic: 13307 Message: 13309

We're getting a bit off topic, but from the amplifier's manual:

"The only danger presented by a high SWR in this amplifier is that the current and power dissipation in the output devices may exceed safe limits. Lengthy operation with high SWR at high power levels can result in heat damage and failure of the FET devices. If the reflected power exceeds 50 watts the power level should be reduced until the reflected power indicated on the internal meter is 50 watts or less on peaks. At approximately 75 watts of reflected power the internal safety circuitry will disable the amplifier."

This doesn't look like a problem with the transceiver, but rather with your load. You need a tuner to bring down that SWR. This can be especially important when running higher power, a load that a barefoot rig can tolerate may fry an amplifier.

- Richard, VE7CVS

13310. Re: [TS-850_450_690] linear/external tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-21 14:48:13 UTC
From: Stephen
Topic: 13307 Message: 13310

No. I'm believing the tuner is not working at all. The relays don't kick on when you but the tune button. Guess I need to join another yahoo group for that issue

Sent from Yahoo Mail on Android

From:"Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Date:Fri, Aug 21, 2015 at 10:20 AM
Subject:Re: [TS-850_450_690] linear/external tuner

I am no expert, but I would suspect the amp does NOT like the 2:1 swr. can the tuner not bring that down, and is it on the antenna side of the amp???

Dave Garber

VE3WEJ / VE3IE

On Tue, Aug 18, 2015 at 7:08 PM, Stephen stephenhutto@yahoo.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

I recently got my hands on a nice 690 and 790. I have an ALS-600 and a LDG AT-1000. I have the remote cable cable with the ALC. I have my power on the radio (690) less than half and still the linear goes into fault and shuts off. I have the remote menu turned on. Is there another setting on the 690 that needs to be changed? I have the internal tuner set to thru..... Swr is around 2.

I'm pretty well lost at this point. Don't want to tear up anything.

Sent from Yahoo Mail on Android

13311. Re: [TS-850_450_690] linear/external tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-21 17:57:27 UTC
From: Hoyt
Topic: 13307 Message: 13311

Try putting a manual tuner in line, instead of the ltg, tune to get lowest (less tan 2:1) swr and give the amp a try. That should confirm if it is the tuner or amp. Some auto tuners just may be happy with an swr of 2:1, you never know. I think that "acceptable value" may be adjustable.
Just a thought
Let u know how things work out
Hoyt

“A Constitution of Government once changed from Freedom, can never be restored. Liberty, once lost, is lost forever.” – John Adams,

-----Original Message-----
From: Stephen stephenhutto@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Sent: Fri, Aug 21, 2015 10:58 am
Subject: Re: [TS-850_450_690] linear/external tuner

No. I'm believing the tuner is not working at all. The relays don't kick on when you but the tune button. Guess I need to join another yahoo group for that issue

Sent from Yahoo Mail on Android

From:"Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Date:Fri, Aug 21, 2015 at 10:20 AM
Subject:Re: [TS-850_450_690] linear/external tuner

I am no expert, but I would suspect the amp does NOT like the 2:1 swr. can the tuner not bring that down, and is it on the antenna side of the amp???

Dave Garber

VE3WEJ / VE3IE

On Tue, Aug 18, 2015 at 7:08 PM, Stephen stephenhutto@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

I recently got my hands on a nice 690 and 790. I have an ALS-600 and a LDG AT-1000. I have the remote cable cable with the ALC. I have my power on the radio (690) less than half and still the linear goes into fault and shuts off. I have the remote menu turned on. Is there another setting on the 690 that needs to be changed? I have the internal tuner set to thru..... Swr is around 2.
I'm pretty well lost at this point. Don't want to tear up anything.

Sent from Yahoo Mail on Android

13312. Re: [TS-850_450_690] linear/external tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-21 20:42:24 UTC
From: John tf
Topic: 13307 Message: 13312

Make sure the tuner is the radio is turned off / like you say " pass through "
Then make sure the LDG is between the amp and the antenna .
I think the LDG can work a couple different ways , using a LDG cable to tuner from radio and then on lowest power on radio and amp in bypass , key up radio - if the LDG is set up correctly , keying up the radio will get the tuner to tune if needed [there is a option in the LDG menu to have a preset SWR limits , both high & low .
You can also do a manual tune , by hitting the tune button on the LDG .

John
KD0CAC

On Fri, Aug 21, 2015 at 12:57 PM, Hoyt Hoyt7811@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Try putting a manual tuner in line, instead of the ltg, tune to get
> lowest (less tan 2:1) swr and give the amp a try. That should confirm if it
> is the tuner or amp. Some auto tuners just may be happy with an swr of 2:1,
> you never know. I think that "acceptable value" may be adjustable.
> Just a thought
> Let u know how things work out
> Hoyt
>
> “A Constitution of Government once changed from Freedom, can never be
> restored. Liberty, once lost, is lost forever.”
> – John Adams <http://www.goodreads.com/author/show/1480.John_Adams>,
>
>
>
>
> -----Original Message-----
> From: Stephen stephenhutto@... [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com>
> To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
> Sent: Fri, Aug 21, 2015 10:58 am
> Subject: Re: [TS-850_450_690] linear/external tuner
>
>
> No. I'm believing the tuner is not working at all. The relays don't kick
> on when you but the tune button. Guess I need to join another yahoo group
> for that issue
>

> Sent from Yahoo Mail on Android
> <https://overview.mail.yahoo.com/mobile/?.src=Android>
> ----------
> *From*:"Dave ve3wej ve3wej@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com>
> *Date*:Fri, Aug 21, 2015 at 10:20 AM
> *Subject*:Re: [TS-850_450_690] linear/external tuner
>
>
> I am no expert, but I would suspect the amp does NOT like the 2:1 swr.
> can the tuner not bring that down, and is it on the antenna side of the
> amp???
>
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Tue, Aug 18, 2015 at 7:08 PM, Stephen stephenhutto@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>> I recently got my hands on a nice 690 and 790. I have an ALS-600 and a
>> LDG AT-1000. I have the remote cable cable with the ALC. I have my power on
>> the radio (690) less than half and still the linear goes into fault and
>> shuts off. I have the remote menu turned on. Is there another setting on
>> the 690 that needs to be changed? I have the internal tuner set to
>> thru..... Swr is around 2.
>> I'm pretty well lost at this point. Don't want to tear up anything.
>>
>> Sent from Yahoo Mail on Android
>> <https://overview.mail.yahoo.com/mobile/?.src=Android>
>>
>
>
>

13313. rf board picture needed..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-29 20:30:12 UTC
From: ve3wej@...
Topic: 13313 Message: 13313

Can someone please give me, if they have it, a LARGE image of the backside(solderside) or the rf board number x44-3120-00. specifically the area behind the 2 attenuator relays, trying to verify where r1 is, A 51 ohm resistor), but I think mine is actually a 470k ohm, which would explain why it is not working correctly.

also the aip board mount image would be good too.

ve3wej@rac.ca should work

Dave ve3wej@gmail.com

13314. Re: [TS-850_450_690] Digest Number 3413

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-30 08:04:41 UTC
From: <fortra@...>
Topic: 13314 Message: 13314

Kenwood TS-850_450_690Hi Dave,

you are lucky

i have rf board out and also original service manual for
TS-850S. R1 is on foil side of rf board bellow relay K1,
cca 40 mm vertical from edge of foil.
Also, look for pins of relay K1.
In the upper portion of relay there are 4 pins. R1 is between
them almost in the middle. And as said Diode D1 is on the coil
of K1 and horizontal to pins and R1..

As i am going out,now, let me scan the portion of rf board in
question and i will send it to you.

In nutshell R1 is vertical to the horizontal placement of diode D1...
Copies of service manuals are crap, but nevertheless look for shaded
rectangular area of K1 which is vertical on relay K2...

Hope it helps,

Kr Nermin S58DX

From: TS-850_450_690@yahoogroups.com
Sent: Sunday, August 30, 2015 9:23 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Digest Number 3413

Kenwood TS-850_450_690 Group
1 Message Digest #3413 1 rf board picture needed.. by ve3wej Message
1 rf board picture needed.. Sat Aug 29, 2015 4:11 pm (PDT) . Posted by: ve3wej Can someone
please give me, if they have it, a LARGE image of the backside(solderside) or the rf board
number x44-3120-00. specifically the area behind the 2 attenuator relays, trying to verify
where r1 is, A 51 ohm resistor), but I think mine is actually a 470k ohm, which would
explain why it is not working correctly.

also the aip board mount image would be good too.

ve3wej@... should work

Dave ve3wej@gmail.com

Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^ THANKS FOR
USING TS-850_450_690@...
Visit Your Group a.. New Members 2
• Privacy • Unsubscribe • Terms of Use

Tekst vstavil program Panda GP 2014:

Ce je to nezazelena posta (SPAM), kliknite na naslednjo povezavo za razvrstitev le-te: To je SPAM!

[Non-text portions of this message have been removed]

13315. Re: [TS-850_450_690] rf board picture needed..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-30 13:18:11 UTC
From: Ken S
Topic: 13313 Message: 13315

I took some pics of the component side when I replaced the decoder chip if that would help.

On Saturday, August 29, 2015 6:12 PM, "ve3wej@gmail.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Can someone please give me, if they have it, a LARGE image of the backside(solderside) or the rf board number x44-3120-00. specifically the area behind the 2 attenuator relays, trying to verify where r1 is, A 51 ohm resistor), but I think mine is actually a 470k ohm, which would explain why it is not working correctly.
also the aip board mount image would be good too.

ve3wej@... should work

Dave ve3wej@...

13316. Re: [TS-850_450_690] rf board picture needed..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-30 17:32:48 UTC
From: Bob Naylor
Topic: 13313 Message: 13316

I found this on e-bay. The listing has ended but if you click "see original listing" then scroll down, there's a picture of each side.
http://www.ebay.com/itm/Kenwood-TS-850S-TS-850SAT-RF-unit-X44-3120-00-A-4-/271779502814?nma=true&si=OI6TjuXb6C5kiQd70FOmadBJQhE%253D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

Here's another...
http://www.ebay.com/itm/Kenwood-TS-850S-TS-850SAT-RF-unit-X44-3120-00-A-4-/271945602759?hash=item3f513896c7

This one may have the best pic, scroll down.
http://www.ebay.com/itm/Kenwood-TS-850s-SAT-RF-UNIT-X44-3120-00-A-4-Excellent-w-30-Day-Guarantee-/131575898142?hash=item1ea288e01e

Hope this helps.
Bob WE6C
From: "ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, August 29, 2015 1:30 PM
Subject: [TS-850_450_690] rf board picture needed..

  Can someone please give me, if they have it, a LARGE image of the backside(solderside) or the rf board number x44-3120-00. specifically the area behind the 2 attenuator relays, trying to verify where r1 is, A 51 ohm resistor), but I think mine is actually a 470k ohm, which would explain why it is not working correctly.
also the aip board mount image would be good too.

ve3wej@rac.ca should work

Dave ve3wej@...

13317. RE: [TS-850_450_690] rf board picture needed..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-30 21:45:50 UTC
From: Dave Garber (ve3wej)
Topic: 13313 Message: 13317

The problem is these parts are on the foil side

Sent from Mail for Windows 10

From: Ken S locoken77@... [TS-850_450_690]
Sent: Sunday, August 30, 2015 10:47 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] rf board picture needed..

I took some pics of the component side when I replaced the decoder chip if that would help.

On Saturday, August 29, 2015 6:12 PM, "ve3wej@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:

Can someone please give me, if they have it, a LARGE image of the backside(solderside) or the rf board number x44-3120-00. specifically the area behind the 2 attenuator relays, trying to verify where r1 is, A 51 ohm resistor), but I think mine is actually a 470k ohm, which would explain why it is not working correctly.

also the aip board mount image would be good too.

ve3wej@... should work

Dave ve3wej@...

13318. RE: [TS-850_450_690] Digest Number 3413

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-08-30 21:44:35 UTC
From: Dave Garber (ve3wej)
Topic: 13314 Message: 13318

A close up would help/ I tyhink I am looking at the right location, but mine is labelled 450, not 51, and measures 450k with a meter across the leads, not removed.

Don’t need the aip layout now, replace pins with short wire lead to board. Other than that 6db issue with that 51 ohm resistor, all is good

Sent from Mail for Windows 10

From: fortra@siol.net [TS-850_450_690]
Sent: Sunday, August 30, 2015 10:46 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Digest Number 3413

Kenwood TS-850_450_690Hi Dave,

you are lucky

i have rf board out and also original service manual for
TS-850S. R1 is on foil side of rf board bellow relay K1,
cca 40 mm vertical from edge of foil.
Also, look for pins of relay K1.
In the upper portion of relay there are 4 pins. R1 is between
them almost in the middle. And as said Diode D1 is on the coil
of K1 and horizontal to pins and R1..

As i am going out,now, let me scan the portion of rf board in
question and i will send it to you.

In nutshell R1 is vertical to the horizontal placement of diode D1...
Copies of service manuals are crap, but nevertheless look for shaded
rectangular area of K1 which is vertical on relay K2...

Hope it helps,

Kr Nermin S58DX

From: TS-850_450_690@yahoogroups.com
Sent: Sunday, August 30, 2015 9:23 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Digest Number 3413

Kenwood TS-850_450_690 Group
1 Message Digest #3413 1 rf board picture needed.. by ve3wej Message
1 rf board picture needed.. Sat Aug 29, 2015 4:11 pm (PDT) . Posted by: ve3wej Can someone please give me, if they have it, a LARGE image of the backside(solderside) or the rf board number x44-3120-00. specifically the area behind the 2 attenuator relays, trying to verify where r1 is, A 51 ohm resistor), but I think mine is actually a 470k ohm, which would explain why it is not working correctly.

also the aip board mount image would be good too.

ve3wej@... should work

Dave ve3wej@...

Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^ THANKS FOR USING TS-850_450_690@...
Visit Your Group a.. New Members 2

• Privacy • Unsubscribe • Terms of Use

Tekst vstavil program Panda GP 2014:

Ce je to nezazelena posta (SPAM), kliknite na naslednjo povezavo za razvrstitev le-te: To je SPAM!

[Non-text portions of this message have been removed]

13319. TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 00:05:35 UTC
From: handy4563@...
Topic: 13319 Message: 13319

My TS 450 has a high pitched hum on all bands and all frequencies even AM broadcast. I pickup stations talking or am broadcast OK, but the hum is there steady all the time. Also adjusting AF and RF does not change the hum. Disconnecting the antenna does not change the hum either. My old Swan 350 does not have this in the audio using same antenna. Some ideas what to look for? I have not used this TS 450 for a few years.
Thanks,
Jim KB7OCN

13320. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 00:11:54 UTC
From: Steven KA9MOT
Topic: 13319 Message: 13320

Power supply
On Sep 10, 2015 7:05 PM, "handy4563@... [TS-850_450_690]" <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> My TS 450 has a high pitched hum on all bands and all frequencies even AM
> broadcast. I pickup stations talking or am broadcast OK, but the hum is
> there steady all the time. Also adjusting AF and RF does not change the
> hum. Disconnecting the antenna does not change the hum either. My old
> Swan 350 does not have this in the audio using same antenna. Some ideas
> what to look for? I have not used this TS 450 for a few years.
> Thanks,
> Jim KB7OCN
>
>
>
>

13321. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 00:30:55 UTC
From: Steve
Topic: 13319 Message: 13321

On 9/10/15 8:11 PM, Steven KA9MOT ka9mot@... [TS-850_450_690] wrote:
>
> Power supply
>
> On Sep 10, 2015 7:05 PM, "handy4563@...
> <mailto:handy4563@...> [TS-850_450_690]"
> <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>> wrote:
>
> My TS 450 has a high pitched hum on all bands and all frequencies
> even AM broadcast. I pickup stations talking or am broadcast OK,
> but the hum is there steady all the time. Also adjusting AF and RF
> does not change the hum. Disconnecting the antenna does not
> change the hum either. My old Swan 350 does not have this in the
> audio using same antenna. Some ideas what to look for? I have
> not used this TS 450 for a few years.
> Thanks,
> Jim KB7OCN
>
>
>
Filters in the power supply KM4LA

13322. Re: [Bulk] Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 01:07:26 UTC
From: Tom Osborne
Topic: 13319 Message: 13322

sounds like it might be the power supply. If there is a way you can hook
it to a battery and listen to it, it might help. 73 and GL
Tom W7WHY

On Thu, Sep 10, 2015 at 5:11 PM, Steven KA9MOT ka9mot@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Power supply
> On Sep 10, 2015 7:05 PM, "handy4563@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> My TS 450 has a high pitched hum on all bands and all frequencies even AM
>> broadcast. I pickup stations talking or am broadcast OK, but the hum is
>> there steady all the time. Also adjusting AF and RF does not change the
>> hum. Disconnecting the antenna does not change the hum either. My old
>> Swan 350 does not have this in the audio using same antenna. Some ideas
>> what to look for? I have not used this TS 450 for a few years.
>> Thanks,
>> Jim KB7OCN
>>
>>
>>
>

13323. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 13:32:15 UTC
From: Anthony W. DePrato
Topic: 13319 Message: 13323

sounds very much like you have filter caps going
out of the power supply.. try another supply or
direct to 12vdc battery if it goes away you will
need to replace the filter caps in the supply..
go ahead and replace all of them and save yourself problems down the road.
hope this is of help
73 Tony WA4JQS

At 08:05 PM 9/10/2015, you wrote:

>My TS 450 has a high pitched hum on all bands
>and all frequencies even AM broadcast. I pickup
>stations talking or am broadcast OK, but the hum
>is there steady all the time. Also adjusting AF
>and RF does not change the hum. Disconnecting
>the antenna does not change the hum either. My
>old Swan 350 does not have this in the audio
>using same antenna. Some ideas what to look
>for? I have not used this TS 450 for a few years.
>Thanks,
>Jim KB7OCN
>
>
>
>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2015.0.6086 / Virus Database: 4409/10616 - Release Date: 09/10/15

Anthony W.DePrato WA4JQS since 1962
CQ DX HALL OF FAME # 35
DXCC HONOR ROLL
VP8SSI 3Y0PI VP8BZL V31SS
ZD8JQS WA4JQS/ZS1 WA4JQS/KC4

13324. Re: TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 15:27:39 UTC
From: T. Scott Griffin
Topic: 13319 Message: 13324

Jim,

Do you have another power supply you can try? Also does it have hum when you insert headphones? I would suspect the power supply first.

Scott, N6CIC

Sent from Mail for Windows 10

13325. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 17:26:31 UTC
From: Bob Naylor
Topic: 13319 Message: 13325

When you say adjusting the AR or RF will not change the hum, do you mean it doesn't change the tone of it or the volume level of it? If it's from your external power supply, these controls will effect the volume level.Please clarify.Bob WE6C
From: "handy4563@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 10, 2015 5:05 PM
Subject: [TS-850_450_690] TS 450 SAT hum on all bands

My TS 450 has a high pitched hum on all bands and all frequencies even AM broadcast. I pickup stations talking or am broadcast OK, but the hum is there steady all the time. Also adjusting AF and RF does not change the hum. Disconnecting the antenna does not change the hum either. My old Swan 350 does not have this in the audio using same antenna. Some ideas what to look for? I have not used this TS 450 for a few years.
Thanks,
Jim KB7OCN

13326. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-11 20:06:44 UTC
From: Dave ve3wej
Topic: 13319 Message: 13326

everyone agrees, seems to be power supply. do you have a substitute to
use, borrow, or a car battery to try?? if hum goes away, then

power supply..

Dave Garber
VE3WEJ / VE3IE

On Thu, Sep 10, 2015 at 8:30 PM, Steve srogers57@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>
> On 9/10/15 8:11 PM, Steven KA9MOT ka9mot@... [TS-850_450_690] wrote:
>
>
>
> Power supply
> On Sep 10, 2015 7:05 PM, "handy4563@gmail.com [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> My TS 450 has a high pitched hum on all bands and all frequencies even AM
>> broadcast. I pickup stations talking or am broadcast OK, but the hum is
>> there steady all the time. Also adjusting AF and RF does not change the
>> hum. Disconnecting the antenna does not change the hum either. My old
>> Swan 350 does not have this in the audio using same antenna. Some ideas

>> what to look for? I have not used this TS 450 for a few years.
>> Thanks,
>> Jim KB7OCN
>>
>>
>> Filters in the power supply KM4LA
>
>
>

13327. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-12 03:20:05 UTC
From: handy4563@...
Topic: 13319 Message: 13327

Adjusting the AF or RF does not change the audo or tone of the hum. I ran it on just the battery, disconnected the battery charger still have the hum. Connected it to my power supply as I have it on battery all the time. Still have the same hum. I think will open it up and disconnect the speaker and see if it goes away.

13328. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-12 11:58:06 UTC
From: <cparrish104@...>
Topic: 13319 Message: 13328

Suggest you ask Clif at AVVid about your hum.

K4TL

---- "handy4563@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> Adjusting the AF or RF does not change the audo or tone of the hum. I ran it on just the battery, disconnected the battery charger still have the hum. Connected it to my power supply as I have it on battery all the time. Still have the same hum. I think will open it up and disconnect the speaker and see if it goes away.

13329. TS 850 AM frequency not correct.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-17 19:06:30 UTC
From: hpaik100@...
Topic: 13329 Message: 13329

My TS 850's frequency is correct on all ham bands, but I noticed that it was about 3 khz below when I listened to AM broad casting station. I checked WWV 10MHz and found it ok. Any body has same problem as I have.

13330. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-20 06:13:05 UTC
From: handy4563@...
Topic: 13319 Message: 13330

I finally found what the hum was. I thank all of you for your replies. What I found is the hum sounded like the side tone for cw. That is what it turned out to be. I have a 493 MFJ keyer and a straight key hooked to the Kenwood 450. The wire from the keyer to the kenwood had got smashed and had shorted from shield to center conductor. So was making the side tone noise all the time. Had I pressed the send button it would have transmitted and would have known right then but because the wire antenna was down I did not want to transmit. Like I said before I had not used the radio for several years and now that I am retired I wanted to get back on HF again. Sorry for posting before I checked, but all I could think was defective radio.
Thanks,
-Jim

13331. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-20 11:22:32 UTC
From: Bob Naylor
Topic: 13319 Message: 13331

Jim, Nice when it's an easy and cheap fix!73, Bob WE6C
From: "handy4563@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 19, 2015 11:13 PM
Subject: Re: [TS-850_450_690] TS 450 SAT hum on all bands

I finally found what the hum was. I thank all of you for your replies. What I found is the hum sounded like the side tone for cw. That is what it turned out to be. I have a 493 MFJ keyer and a straight key hooked to the Kenwood 450. The wire from the keyer to the kenwood had got smashed and had shorted from shield to center conductor. So was making the side tone noise all the time. Had I pressed the send button it would have transmitted and would have known right then but because the wire antenna was down I did not want to transmit. Like I said before I had not used the radio for several years and now that I am retired I wanted to get back on HF again. Sorry for posting before I checked, but all I could think was defective radio.
Thanks,
-Jim

13332. Re: TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-20 14:59:59 UTC
From: T. Scott Griffin
Topic: 13319 Message: 13332

Hi Jim,

Glad you did the detective work and solved the hum problem. I think you will enjoy your TS-450 which is a fine radio. Especially when fully equipped with filters-it rivals many of the modern DSP radios.

Scott, N6CIC

Sent from Mail for Windows 10

13333. Re: [TS-850_450_690] TS 450 SAT hum on all bands

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-21 19:10:48 UTC
From: ve3wej@...
Topic: 13319 Message: 13333

Glad for you

13334. Question about FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-22 09:21:21 UTC
From: Ervin Hegedüs
Topic: 13334 Message: 13334

Hi there,

I'm interested for FSK mode with my TS-850. A few months ago I've build an FSK modem for my TRX with an Arduino. Arduino gets the messages through USB (serial), and with an optocouple, it generates the modulation for TRX. Everything works as well, but now I'ld like to look behind things.

My problem is, sometimes few stations warnings me, that I'm working in reverse mode. So, I don't know, when do need I switch to reverse mode from normal. The real question is, if I switched my TS-850 to FSK, then it always works in USB or LSB? What I mean (hope this ascii art will go through):

```
|
| | <- start
| |
| |
| |
| |
| |
| | <- 2x stop
| |
|
+-----------|--------------|---|----------> freq
carrier space mark
```

This site describe the FSK mode:
http://www.dxing.com/modesand.htm
"The higher frequency is called the mark frequency while the lower of the two frequencies is called the space frequency."

The ascii image above shows, that this is the "upper-side-band". Most RTTY documentation follows this idea. Based on this image, the "LSB" looks like this:

```
|
| | <- start
| |
| |
| |
| |
| |
| | <- 2x stop
| |
|
+----------------|---|-------------|------> freq
```

space mark carrier

I'ld like to ask you, is my theory right, or em I wrong in something? And of course, should I switch between reverse and normal mode, when I change the band (eg from 20m to 40m), or not?

Any helps are welcome,

73, Ervin
HA2OS

13335. Re: Question about FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-23 01:44:40 UTC
From: myyahoo@...
Topic: 13334 Message: 13335

This is AFSK (Audio Frequency Shift Keying), not FSK (which is direct Frequency Shift Keying, not using a modem).

If you are able to copy other stations but are not sending correctly, your modem has incorrect polarity while sending. It will work equally badly in both LSB or USB, since transmissions will be inverted compared to reception either way. You need an inverter before your modulator, and the problem should go away.

Use the appropriate sideband on each band - if you can copy the signals that you hear, you are set up correctly. However, add an inverter in your transmit chain and you should be OK.

- Richard, VE7CVS

13336. Re: [TS-850_450_690] Re: Question about FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-23 06:23:39 UTC
From: Ervin Hegedüs
Topic: 13334 Message: 13336

Hi Richard,

thanks for your answer,

no, this isn't AFSK, this is FSK. I'm using a "keying" modem, not a soundcard modem. Arduino reads the message through its USB (serial) port, as ASCII text, and a software change the state of digitalpin 3 or 4 - as you want. That controls an opto couple, which controls the TS850 FSK input.

I've made about 5-600 RTTY QSO with this circuit, and of course, I can copy the signals - after I switched to a right polarization in both side: TX and RX.

But I would like to understand the _real_ operation of RTTY _WITH_ FSK.

73, Ervin

On Wed, Sep 23, 2015 at 3:44 AM, myyahoo@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> This is AFSK (Audio Frequency Shift Keying), not FSK (which is direct
> Frequency Shift Keying, not using a modem).
>
> If you are able to copy other stations but are not sending correctly, your
> modem has incorrect polarity while sending. It will work equally badly in
> both LSB or USB, since transmissions will be inverted compared to reception
> either way. You need an inverter before your modulator, and the problem
> should go away.
>
> Use the appropriate sideband on each band - if you can copy the signals
> that you hear, you are set up correctly. However, add an inverter in your
> transmit chain and you should be OK.
>
> - Richard, VE7CVS
>
>

13337. Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-23 13:43:56 UTC
From: kf4msv@...
Topic: 13337 Message: 13337

Hello everyone, i'm new to the group and had a question about the dru-2 unit not recording voice... It will record cw but no voice...
Anyone have an idea what would cause this?

Thanks
Darrell
kf4msv

13338. RE: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-23 15:50:22 UTC
From: Paul Manuel
Topic: 13337 Message: 13338

Are you sure you have the DRU 2 and it is working? The stock 850 has CW memories built in, no DRU necessary for those.

73 Paul K4PDM

Sent from Yahoo Mail for iPhone (https://yho.com/footer0)

On Sep 23, 2015, 9:43:56 AM, kf4msv@... [TS-850_450_690] wrote:
Hello everyone, i'm new to the group and had a question about the dru-2 unit not recording voice... It will record cw but no voice...
Anyone have an idea what would cause this?

Thanks
Darrell
kf4msv

Posted by: kf4msv@...

THANKS FOR USING TS-850_450_690@...

Yahoo Groups Links

<*> To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

<*> Your email settings:
Individual Email | Traditional

<*> To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join
(Yahoo! ID required)

<*> To change settings via email:
TS-850_450_690-digest@yahoogroups.com
TS-850_450_690-fullfeatured@yahoogroups.com

<*> To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

<*> Your use of Yahoo Groups is subject to:
https://info.yahoo.com/legal/us/yahoo/utos/terms/

13339. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-23 20:08:30 UTC
From: Dave ve3wej
Topic: 13337 Message: 13339

what does the manual say

Dave Garber
VE3WEJ / VE3IE

On Wed, Sep 23, 2015 at 9:43 AM, kf4msv@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello everyone, i'm new to the group and had a question about the dru-2
> unit not recording voice... It will record cw but no voice...
> Anyone have an idea what would cause this?
>
> Thanks
> Darrell
> kf4msv
>
>

13340. Re: [TS-850_450_690] Re: Question about FSK

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-23 22:38:20 UTC
From: myyahoo@...
Topic: 13334 Message: 13340

Hi, Ervin:

I should have noticed the 'optocoupler' bit - modem is a contraction of modulator/demodulator, and implies conversion to and from audio. Your Arduino is keying the FSK shift line, rather than modulating audio, my brain latched onto 'modem' rather than following the rest of the text.

- Richard, VE7CVS

13341. RE: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-24 14:57:52 UTC
From: kf4msv@...
Topic: 13337 Message: 13341

Hello, yes it is installed... It acts like it records but it is like it is not getting the audio to the recorder.... Just plays nothing for the 8 or 16 sec. that you record for.... With either mic, mc-60 or mc-43 hand mic...
Thanks for the reply
Darrell
Kf4msv

13342. RE: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-24 18:28:40 UTC
From: k4pdm
Topic: 13337 Message: 13342

If you haven't already, I would exercise the connectors on the DRU to make sure they are making good contact. Sometimes the connectors in these rigs build up a film of corrosion and lose continuity. 73 Paul K4PDM Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone
-------- Original message --------
From: "kf4msv@chartertn.net [TS-850_450_690]"
Date:09/24/2015 10:57 AM (GMT-05:00)
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Kenwood ts-850sat and dru-2

Hello, yes it is installed... It acts like it records but it is like it is not getting the audio to the recorder.... Just plays nothing for the 8 or 16 sec. that you record for.... With either mic, mc-60 or mc-43 hand mic... Thanks for the reply Darrell Kf4msv
---------- Posted by: kf4msv@chartertn.net
---------- THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM
---------- Yahoo Groups Links

13343. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-24 19:30:06 UTC
From: Bob Naylor
Topic: 13337 Message: 13343

I do not have access to a manual now but are you sure it's not recording? Try the "monitor" function during playback and see if the recording's there.Bob WE6C
From: "k4pdm k4pdm@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, September 24, 2015 11:28 AM
Subject: RE: [TS-850_450_690] Kenwood ts-850sat and dru-2

  If you haven't already, I would exercise the connectors on the DRU to make sure they are making good contact.Sometimes the connectors in these rigs build up a film of corrosion and lose continuity.
73 Paul K4PDM

Sent via the Samsung Galaxy Note® II, an AT&T 4G LTE smartphone

-------- Original message --------From: "kf4msv@... [TS-850_450_690]" Date:09/24/2015 10:57 AM (GMT-05:00) To: TS-850_450_690@yahoogroups.com Subject: RE: [TS-850_450_690] Kenwood ts-850sat and dru-2
Hello, yes it is installed... It acts like it records but it is like it is not getting the audio to the recorder.... Just plays nothing for the 8 or 16 sec. that you record for....
With either mic, mc-60 or mc-43 hand mic...
Thanks for the reply
Darrell
Kf4msv

Posted by: kf4msv@...

THANKS FOR USING TS-850_450_690@...

Yahoo Groups Links

13344. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-25 01:31:01 UTC
From: kf4msv@...
Topic: 13337 Message: 13344

Hello again everybody, I have done more testing and as it turns out it is actually recording but the audio is just very very very low , I mean you have to hold your ear to the speaker and it was recorded with the proc. on wide open and the mic gain all the way up also. Is there a mic input adjustment on the unit or something I am missing?
Thanks again
darrell
kf4msv

13345. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-25 13:22:48 UTC
From: John tf
Topic: 13337 Message: 13345

This option came in my rig , but do not use it .
I would suggest setting the mike gain & processor to correct settings .
Then I would guess that the monitor setting would be what you use to bring
the volume up to what you prefer .

John
KD0CAC

On Thu, Sep 24, 2015 at 8:31 PM, kf4msv@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello again everybody, I have done more testing and as it turns out it is
> actually recording but the audio is just very very very low , I mean you
> have to hold your ear to the speaker and it was recorded with the proc. on
> wide open and the mic gain all the way up also. Is there a mic input
> adjustment on the unit or something I am missing?
>
> Thanks again
>
> darrell
>
> kf4msv
>
>
>

13346. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-25 09:55:51 UTC
From: Dave ve3wej
Topic: 13337 Message: 13346

how are your audio reports on the mike broadcasts. maybe the mike is also very low response???

Dave Garber
VE3WEJ / VE3IE

On Thu, Sep 24, 2015 at 9:31 PM, kf4msv@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello again everybody, I have done more testing and as it turns out it is
> actually recording but the audio is just very very very low , I mean you
> have to hold your ear to the speaker and it was recorded with the proc. on
> wide open and the mic gain all the way up also. Is there a mic input
> adjustment on the unit or something I am missing?
>
> Thanks again
>
> darrell
>
> kf4msv
>
>
>

13347. Re: TS450 out of frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-28 04:39:15 UTC
From: junkmailsux@...
Topic: 11556 Message: 13347

Mine is 100Hz over. I hope someone can help us.

Chad
KK6DPE

13348. VE3MIJ Software

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-28 04:29:14 UTC
From: junkmailsux@...
Topic: 13348 Message: 13348

Has anyone used the VE3MIJ software? If so, what all does it do? This only link I found for info is dead. (http://members.rogers.com/ve3mij/)

Thanks
Chad
KK6DPE

13349. RE: [TS-850_450_690] TS450 out of frequency

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-28 11:10:25 UTC
From: Mike - AA1AR
Topic: 11556 Message: 13349

See page 80 of the instruction manual for the procedure to calibrate the display to WWV.

73, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Monday, September 28, 2015 12:39 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS450 out of frequency

Mine is 100Hz over. I hope someone can help us.

Chad
KK6DPE

13350. Re: [TS-850_450_690] VE3MIJ Software

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-28 20:49:30 UTC
From: Dave ve3wej
Topic: 13348 Message: 13350

did not work for me on windows 10, using it occasionally on xp, for the 850.

connects to the radio, and will backup you memory settings

Dave Garber
VE3WEJ / VE3IE

On Mon, Sep 28, 2015 at 12:29 AM, junkmailsux@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Has anyone used the VE3MIJ software? If so, what all does it do? This
> only link I found for info is dead. (http://members.rogers.com/ve3mij/)
>
>
> Thanks
>
> Chad
>
> KK6DPE
>
>
>

13351. Re: [TS-850_450_690] VE3MIJ Software

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-28 20:50:25 UTC
From: Dave ve3wej
Topic: 13348 Message: 13351

http://xoomer.virgilio.it/ham-radio-manuals/kmij3_11.zip

try that one

Dave Garber
VE3WEJ / VE3IE

On Mon, Sep 28, 2015 at 12:29 AM, junkmailsux@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Has anyone used the VE3MIJ software? If so, what all does it do? This
> only link I found for info is dead. (http://members.rogers.com/ve3mij/)
>
>
> Thanks
>
> Chad
>
> KK6DPE
>
>
>

13352. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-29 21:22:10 UTC
From: kf4msv@...
Topic: 13337 Message: 13352

Audio reports are good... Have 2-3 different mics also all are fine.... Read elsewhere that it is more than likely the DDS chips on the CAR board going bad... Guess that will be the next thing to address...

13353. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-29 22:52:05 UTC
From: Paul Manuel
Topic: 13337 Message: 13353

Bad DDS chips will distort all your transmissions, not just those of the DRU-2.

73 Paul K4PDM

Sent from Yahoo Mail for iPhone (https://yho.com/footer0)

On Sep 29, 2015, 5:28:39 PM, kf4msv@... [TS-850_450_690] wrote:
Audio reports are good... Have 2-3 different mics also all are fine.... Read elsewhere that it is more than likely the DDS chips on the CAR board going bad... Guess that will be the next thing to address...

Posted by: kf4msv@...

THANKS FOR USING TS-850_450_690@...

Yahoo Groups Links

<*> To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

<*> Your email settings:
Individual Email | Traditional

<*> To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join
(Yahoo! ID required)

<*> To change settings via email:
TS-850_450_690-digest@yahoogroups.com
TS-850_450_690-fullfeatured@yahoogroups.com

<*> To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

<*> Your use of Yahoo Groups is subject to:
https://info.yahoo.com/legal/us/yahoo/utos/terms/

13354. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-09-30 00:03:13 UTC
From: Bob Naylor
Topic: 13337 Message: 13354

I did confirm you use the "MONI" control to hear what you're recording and also when it's playing back.Bob WE6C
From: "Paul Manuel k4pdm@yahoo.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, September 29, 2015 3:52 PM
Subject: Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

| Bad DDS chips will distort all your transmissions, not just those of the DRU-2.
73 Paul K4PDM

Sent from Yahoo Mail for iPhone

On Sep 29, 2015, 5:28:39 PM, kf4msv@... [TS-850_450_690] wrote:Audio reports are good... Have 2-3 different mics also all are fine.... Read elsewhere that it is more than likely the DDS chips on the CAR board going bad... Guess that will be the next thing to address...

Posted by: kf4msv@...

THANKS FOR USING TS-850_450_690@...

Yahoo Groups Links

*> To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

*> Your email settings:
Individual Email | Traditional

*> To change settings online go to:
http://groups.yahoo.com/group/TS-850_450_690/join
(Yahoo! ID required)

*> To change settings via email:
TS-850_450_690-digest@...m
TS-850_450_690-fullfeatured@yahoogroups.com

*> To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

*> Your use of Yahoo Groups is subject to:
https://info.yahoo.com/legal/us/yahoo/utos/terms/

|

13355. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-03 14:32:29 UTC
From: kf4msv@...
Topic: 13337 Message: 13355

Yes, I am using the MONI button to listen but it is very, very light. Have to literally put you ear to the speaker to hear it. Someone was saying that each of the DDS chips controlled different things and one controlled the MCAR (I thing) that would make the audio distorted and/or weak..
thanks again for the responses
Darrell
kf4msv

13356. 6 pin connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-03 15:59:52 UTC
From: Patrick Mcgillan
Topic: 13356 Message: 13356

Looking for the male connector to plug in to the side of my 450 radio.
Anyone know where I can get one. Would like to build a CAT cable.

Patrick
KA9PDK

13357. Re: [TS-850_450_690] 6 pin connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-03 16:54:17 UTC
From: Steven KA9MOT
Topic: 13356 Message: 13357

I purchased 6 of these on eBay. I've never used them. If I can figure out where I put them, I'll contact you and send you one.

Steve KA9MOT

On Sat, Oct 3, 2015 at 11:59 AM, Patrick Mcgillan patrick.mcgillan@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Looking for the male connector to plug in to the side of my 450 radio.
> Anyone know where I can get one. Would like to build a CAT cable.
>
> Patrick
> KA9PDK
>
>
>

13358. Re: [TS-850_450_690] 6 pin connector

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-03 21:42:24 UTC
From: Dave ve3wej
Topic: 13356 Message: 13358

if its the 6 pin din plug for the if232c, then they are the same as disk
drive cables for c64 computer, if you know of any in your circle

Dave Garber
VE3WEJ / VE3IE

On Sat, Oct 3, 2015 at 12:54 PM, Steven KA9MOT ka9mot@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I purchased 6 of these on eBay. I've never used them. If I can figure out
> where I put them, I'll contact you and send you one.
>
> Steve KA9MOT
>
> On Sat, Oct 3, 2015 at 11:59 AM, Patrick Mcgillan
> patrick.mcgillan@gmail.com [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> Looking for the male connector to plug in to the side of my 450 radio.
>> Anyone know where I can get one. Would like to build a CAT cable.
>>
>> Patrick

>> KA9PDK
>>
>>
>
>

13359. TS-450 PLL Unlock

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-04 02:07:44 UTC
From: michael-fletcher@...
Topic: 13359 Message: 13359

I wonder if anyone has experienced PLL unlock where the voltage on TP2 for VCO 1 is around 8V whichever band is selected. VCO 2 is fine on TP3 at 5V

Thanks Mike K1UC

13360. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-04 02:10:19 UTC
From: kf4msv@...
Topic: 13337 Message: 13360

Ok Guys, I think I figured the dru-2 problem out.. there was a wire unplugged on the IF board and then found a loose wire on the actual DRU-2 board... plugged in and resoldered a few connections and away it went... works good now. Thanks again to everybody trying to help me out.
Darrell
kf4msv

13361. Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-04 13:32:05 UTC
From: Bob Naylor
Topic: 13337 Message: 13361

Great! Congrats on a good diagnosis.73, Bob WE6C
From: "kf4msv@chartertn.net [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 3, 2015 7:10 PM
Subject: Re: [TS-850_450_690] Kenwood ts-850sat and dru-2

Ok Guys, I think I figured the dru-2 problem out.. there was a wire unplugged on the IF board and then found a loose wire on the actual DRU-2 board... plugged in and resoldered a few connections and away it went... works good now. Thanks again to everybody trying to help me out.Darrellkf4msv

13362. Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-13 09:00:24 UTC
From: Ervin Hegedüs
Topic: 13362 Message: 13362

Hi all,

a few days ago, a new symptom came out: when I work in CW, and TRX is in TX mode, I hear my signals in my headphone - but sometimes it's very distored. Just few signals, not a permanent state, but that's very annoying. I can work without it dew minutes, then the distored signals comes, for few seconds. I'm call few CQ, and these signals goes away again...

It doesn't depend anything: I've tried to reduce my RF power, switch IF filter, tune AT, tune shift/width, turn on/off the input divider (6db, 12db), ... - nothing, the symptom is persist.

But only I hear that in my headphone - when I plug it out, I don't hear it from the built-in speaker.

I could't check it in SSB mode, or RTTY yet.

Has anybody an idea, what would be this?

TNX, 73:
Ervin, HA2OS

13363. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-13 19:13:58 UTC
From: Dave ve3wej
Topic: 13362 Message: 13363

can you try different headphones, the one you are using MIGHT be getting a
little rf into them, via the wires...

just a thought

Dave Garber
VE3WEJ / VE3IE

On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@gmail.com
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi all,

>
> a few days ago, a new symptom came out: when I work in CW, and TRX is in
> TX mode, I hear my signals in my headphone - but sometimes it's very
> distored. Just few signals, not a permanent state, but that's very
> annoying. I can work without it dew minutes, then the distored signals
> comes, for few seconds. I'm call few CQ, and these signals goes away
> again...
>
> It doesn't depend anything: I've tried to reduce my RF power, switch IF
> filter, tune AT, tune shift/width, turn on/off the input divider (6db,
> 12db), ... - nothing, the symptom is persist.
>
> But only I hear that in my headphone - when I plug it out, I don't hear it
> from the built-in speaker.
>
> I could't check it in SSB mode, or RTTY yet.
>
> Has anybody an idea, what would be this?
>
>
> TNX, 73:
> Ervin, HA2OS
>
>
>
>

13364. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-13 21:10:32 UTC
From: Bob Naylor
Topic: 13362 Message: 13364

How about transmitting into a dummy load?Bob WE6C
From: "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 13, 2015 12:13 PM
Subject: Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

  can you try different headphones, the one you are using MIGHT be getting a little rf into them, via the wires...
just a thought

Dave GarberVE3WEJ / VE3IE
On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  Hi all,

a few days ago, a new symptom came out: when I work in CW, and TRX is in TX mode, I hear my signals in my headphone - but sometimes it's very distored. Just few signals, not a permanent state, but that's very annoying. I can work without it dew minutes, then the distored signals comes, for few seconds. I'm call few CQ, and these signals goes away again...

It doesn't depend anything: I've tried to reduce my RF power, switch IF filter, tune AT, tune shift/width, turn on/off the input divider (6db, 12db), ... - nothing, the symptom is persist.

But only I hear that in my headphone - when I plug it out, I don't hear it from the built-in speaker.

I could't check it in SSB mode, or RTTY yet.

Has anybody an idea, what would be this?

TNX, 73:
Ervin, HA2OS

13365. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-13 21:33:23 UTC
From: Ervin Hegedüs
Topic: 13362 Message: 13365

Hi Dave,

thanks for the answer,

well - I could think of it, HI! I'll check it out with an another headphone
- thanks!

73, Ervin

On Tue, Oct 13, 2015 at 9:13 PM, Dave ve3wej ve3wej@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> can you try different headphones, the one you are using MIGHT be getting a
> little rf into them, via the wires...
>
> just a thought
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> Hi all,
>>
>> a few days ago, a new symptom came out: when I work in CW, and TRX is in
>> TX mode, I hear my signals in my headphone - but sometimes it's very
>> distored. Just few signals, not a permanent state, but that's very
>> annoying. I can work without it dew minutes, then the distored signals
>> comes, for few seconds. I'm call few CQ, and these signals goes away
>> again...
>>
>> It doesn't depend anything: I've tried to reduce my RF power, switch IF
>> filter, tune AT, tune shift/width, turn on/off the input divider (6db,
>> 12db), ... - nothing, the symptom is persist.
>>
>> But only I hear that in my headphone - when I plug it out, I don't hear
>> it from the built-in speaker.
>>

>> I could't check it in SSB mode, or RTTY yet.
>>
>> Has anybody an idea, what would be this?
>>
>>
>> TNX, 73:
>> Ervin, HA2OS
>>
>>
>>
>
>

13366. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-13 21:35:39 UTC
From: Ervin Hegedüs
Topic: 13362 Message: 13366

Hi Bob,

I don't have dummy load - nothing. If the wire of headphone is wrong, then
(I think) the reduced power doesn't made this effect, but I dont' have
dummy load for QRP too.

73, Ervin

On Tue, Oct 13, 2015 at 11:10 PM, Bob Naylor wotbob01@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> How about transmitting into a dummy load?
> Bob WE6C
>
> ------------------------------
> *From:* "Dave ve3wej ve3wej@...m [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Tuesday, October 13, 2015 12:13 PM
> *Subject:* Re: [TS-850_450_690] Distored monitor sound in headphone, CW
> mode
>
>
> can you try different headphones, the one you are using MIGHT be getting a
> little rf into them, via the wires...
>
> just a thought
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>
> Hi all,
>
> a few days ago, a new symptom came out: when I work in CW, and TRX is in
> TX mode, I hear my signals in my headphone - but sometimes it's very
> distored. Just few signals, not a permanent state, but that's very
> annoying. I can work without it dew minutes, then the distored signals
> comes, for few seconds. I'm call few CQ, and these signals goes away
> again...

>
> It doesn't depend anything: I've tried to reduce my RF power, switch IF
> filter, tune AT, tune shift/width, turn on/off the input divider (6db,
> 12db), ... - nothing, the symptom is persist.
>
> But only I hear that in my headphone - when I plug it out, I don't hear it
> from the built-in speaker.
>
> I could't check it in SSB mode, or RTTY yet.
>
> Has anybody an idea, what would be this?
>
>
> TNX, 73:
> Ervin, HA2OS
>
>
>
>
>

>
>

13367. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-14 13:30:31 UTC
From: Bob Naylor
Topic: 13362 Message: 13367

OK. Dummy loads are a great diagnostic tool. A short piece of coax to the dummy load can tell a lot in a situation just like this.Keep us posted on what you find.Bob WE6C
From: "Ervin Hegedüs airween@...m [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 13, 2015 2:35 PM
Subject: Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

  Hi Bob,

I don't have dummy load - nothing. If the wire of headphone is wrong, then (I think) the reduced power doesn't made this effect, but I dont' have dummy load for QRP too.

73, Ervin

On Tue, Oct 13, 2015 at 11:10 PM, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  How about transmitting into a dummy load?Bob WE6C
From: "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 13, 2015 12:13 PM
Subject: Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

  can you try different headphones, the one you are using MIGHT be getting a little rf into them, via the wires...
just a thought

Dave GarberVE3WEJ / VE3IE
On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  Hi all,

a few days ago, a new symptom came out: when I work in CW, and TRX is in TX mode, I hear my signals in my headphone - but sometimes it's very distored. Just few signals, not a permanent state, but that's very annoying. I can work without it dew minutes, then the distored signals comes, for few seconds. I'm call few CQ, and these signals goes away again...

It doesn't depend anything: I've tried to reduce my RF power, switch IF filter, tune AT, tune shift/width, turn on/off the input divider (6db, 12db), ... - nothing, the symptom is persist.

But only I hear that in my headphone - when I plug it out, I don't hear it from the built-in speaker.

I could't check it in SSB mode, or RTTY yet.

Has anybody an idea, what would be this?

TNX, 73:
Ervin, HA2OS

13368. Kenwood TS450 Help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-17 21:59:15 UTC
From: m6gbt@...
Topic: 13368 Message: 13368

Hello
Does anyone know where the adjustment pot is and its number forTX SSB audio, I need it turning down dispite the mic gain being nearly off at 7 I am getting a lot of ALC overshoot I have looked in the service manual and cant find it.

Thanks for any help
73
Pete

13369. Re: [TS-850_450_690] Kenwood TS450 Help

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-17 23:11:54 UTC
From: Dave ve3wej
Topic: 13368 Message: 13369

I am not sure if the 450 has the same issue as the 850, but is the wattage dropping, while the alc jumps up. the 850 had issues with the "carrier" board. are you using the hand mike,

Dave Garber
VE3WEJ / VE3IE

On Sat, Oct 17, 2015 at 5:59 PM, m6gbt@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello
> Does anyone know where the adjustment pot is and its number forTX SSB
> audio, I need it turning down dispite the mic gain being nearly off at 7 I
> am getting a lot of ALC overshoot I have looked in the service manual and
> cant find it.
>
> Thanks for any help

> 73
> Pete
>
>
>
>

13370. TS690S: constant noise level at S1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-18 13:31:16 UTC
From: perlmeister@...
Topic: 13370 Message: 13370

Hi,

i do own a TS690S. After 10 years without using it i have switched it on again. First thing that showed up was no audio because of the leaking C104. I changed C104 together with C101 and C99. Audio is back again.

The Rig works nice again, but i do observe a constant noise at a level about S1, even without an antenna connected. Is this normal behaviour? What could be the source of this?

Thanks in advance,
Karsten

13371. Re: TS690S: constant noise level at S1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-18 19:15:11 UTC
From: perlmeister@...
Topic: 13370 Message: 13371

I have to correct myself.

Changing the capacitors brought back audio, but after a while switched on, the audio becomes scratchy and the sensitivity of the receiver goes down. I do hear stations, but the S-Meter shows lower levels than directly after switch on.

Any sugestions?

Thanks in Advance
Karsten

13372. Re: [TS-850_450_690] Re: TS690S: constant noise level at S1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-18 21:27:58 UTC
From: Tom Waraksa
Topic: 13370 Message: 13372

Did you thoroughly clean the pc board around and under c104?

Tom

AF8P

Sent from Yahoo Mail on Android

From:"perlmeister@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Date:Sun, Oct 18, 2015 at 3:51 PM
Subject:[TS-850_450_690] Re: TS690S: constant noise level at S1

I have to correct myself.

Changing the capacitors brought back audio, but after a while switched on, the audio becomes scratchy and the sensitivity of the receiver goes down. I do hear stations, but the S-Meter shows lower levels than directly after switch on.

Any sugestions?

Thanks in Advance

Karsten

13373. Re: [TS-850_450_690] Re: TS690S: constant noise level at S1

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-19 21:29:16 UTC
From: perlmeister@...
Topic: 13370 Message: 13373

Thank you for the hint.

when poking with my finger at CF3 (the Murata 455k Filter) there was a scratchy noise from the speaker and the noise level changed. So i desoldered CF1 CF2 CF3 an L1 to see whats under them.

There was, however, a lot of spillout from C104. I cleaned the parts and the board from both sides. But i do have one problem now. L1 lost two of its pins while desoldering it. It sits in the schematic of the IF Unit (1/2) in the upper left corner between the IF AMP and the crystal filters.

It has "3421 2105" printed on it. The ferite core is painted yelow.
See the picture of this part at:
http://goo.gl/ZVtzXe http://goo.gl/ZVtzXe

and
http://goo.gl/G0QhOr http://goo.gl/G0QhOr

http://goo.gl/G0QhOr

http://goo.gl/G0QhOr http://goo.gl/G0QhOr

View on goo.gl http://goo.gl/G0QhOr
Preview by Yahoo

What part is it and where can i get one?

13374. TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 00:04:11 UTC
From: rzacharkow@...
Topic: 13374 Message: 13374

Still using myTS-450 sat (I am the original owner) since Feb. 1993. Have installed various IF filters (1.8 Kz ssb, 500 hz cw, and 270 hz cw) over the years. Recently picked up a TCXO S0-2 but have not installed it yet.
No amp. G5RV at 30".

Am wondering: am I one of the very few still using the 450/690/850 as the primary (in my case only) HF rig (mostly daily - usb and cw)?

Rick de N1NIJ

13375. Re: [TS-850_450_690] TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 01:46:55 UTC
From: Patrick Mcgillan
Topic: 13374 Message: 13375

I love my 450 and use it daily on AFMARS nets with good results.

Patrick
KA9PDK

On Sat, Oct 24, 2015 at 7:04 PM, rzacharkow@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Still using myTS-450 sat (I am the original owner) since Feb. 1993. Have
> installed various IF filters (1.8 Kz ssb, 500 hz cw, and 270 hz cw) over
> the years. Recently picked up a TCXO S0-2 but have not installed it yet.
>
> No amp. G5RV at 30".
>
>
> Am wondering: am I one of the very few still using the 450/690/850 as the
> primary (in my case only) HF rig (mostly daily - usb and cw)?
>
>
> Rick de N1NIJ
>
>
>

13376. Re: [TS-850_450_690] TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 02:24:23 UTC
From: Tom Osborne
Topic: 13374 Message: 13376

The TS-450SAT is my main rig. Ihave 2 of them here.

I'm using it right now in the CQWW SSB DX contest. Working all sorts of DX on 10, 15 and 20.

It is still a great rig. 73
Tom W7WHY

On Sat, Oct 24, 2015 at 5:04 PM, rzacharkow@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Still using myTS-450 sat (I am the original owner) since Feb. 1993. Have
> installed various IF filters (1.8 Kz ssb, 500 hz cw, and 270 hz cw) over
> the years. Recently picked up a TCXO S0-2 but have not installed it yet.
>
> No amp. G5RV at 30".
>
>
> Am wondering: am I one of the very few still using the 450/690/850 as the
> primary (in my case only) HF rig (mostly daily - usb and cw)?
>
>
> Rick de N1NIJ
>
>
>

13377. Re: [TS-850_450_690] TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 02:25:32 UTC
From: christopher_trouten@...
Topic: 13374 Message: 13377

I got my ticket about 2 years ago. I thoroughly researched the primary features of a typical HF rig, features like IF vs AF shift, high/low cut filters, notch, etc and found that for the money, a used TS-850SAT was probably the very best value out there for the discriminating user. Not a contester necessarily, but someone who wants a lot of capability for general DXing, rag chewing and the like.

I found a high 6mil s/n rig in like new condition for $650 to my door and it has been my daily driver ever since and I have had absolutely no desire to upgrade. I'm an equipment junkie too. I love getting new toys to play with all the time. I picked up a couple DX-70 Alincos to tinker on. One was resold and the other is my mobile HF. I picked up an FT-857D a few weeks ago for backpacking and SOTA, and I just found a project TS-520S for $60 the other day (talked into Finland on it just this morning). NONE of these other rigs was intended to become my main rig obviously but they each serve their purpose.

I LOVE my 850 and will probably never let it go. It will probably be my daily driver until it breaks and costs more to fix than what I could buy a brand new rig for. At the price of new rigs, I could probably buy another two working 850s to keep as spares.

73 de Chris (AF7FQ)

13378. TS-450 User

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 15:08:39 UTC
From: Crownhaven
Topic: 13378 Message: 13378

I have 450 and 690 each with full compliment of Kenwood filters, one for SSB and two for CW as I recall. I use the 690 as my primary radio in FL. I have two TS-850s, two TS-870s and one TS-590. They are all great radios but the 590 pulls out weak CW signals that the others can't. I swap out the 450 with the 850 and 870 just to exercise them while retaining the 590 as primary to catch any DX. The 450 is really a very neat radio and performs very well. Honestly, I could probably get away with using it as my primary if need be. I have had to send all of them at least once over the years to Clif at Avvid for various repairs, typically capacitor replacement.

Steve, N4JQQ/C6AFP

13379. Re: TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 13:12:39 UTC
From: YAMAHAXS650H@...
Topic: 13374 Message: 13379

Rick,

TS-450SAT is my primary rig!

I am the second owner of my TS-450SAT (older rig now in box is TS-430). Have it since 2012. All filters, voice thingie plus the TCXO.

Worked all over the world with an End Fed 72' wire up 35'.

I placed in all frequencies of the ARRL Frequency Measuring Test in April 2015.

It is hooked up to HRD and RigBlaster Advantage and Windows 7 computer.

No reason the buy those "fancy do-dads" with all he buttons and displays. (Even though I have two other rigs with DSP and Spectrum Displays.)

If it ain't broke don't fix it!

Enjoy your rig!

73'

Alan, NY2G

13380. Re: TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 17:49:35 UTC
From: T. Scott Griffin
Topic: 13374 Message: 13380

A TS-450SAT is the primary rig in my vacation home. I have it equipped with a 1.8 KHz narrow SSB filter and a 500 Hz CW filter, and I already replaced the pesky C104 capacitor. It is a fantastic radio-one of classics and best ever.

73s and thanks for the post!

Scott, N6CIC

Sent from Mail for Windows 10

13381. Complete TS 850SAT Station for sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 17:53:23 UTC
From: W3PA@...
Topic: 13381 Message: 13381

I have decided to sell my complete TS 850 SAT.
Before I post this station elsewhere thought I would give the group first shot
I will post a photo in the photo section

This station consists of the following:

TS 850SAT S/N 401_____
DSP 100
PS-52
SP-31

I will not separate this station it will be sold complete.
I believe I still have a TS 850 box, not sure on the others boxes

I would like US$1,200 including shipping in the 48 US states

email me W3PA@aol.com

73

Olaf

13382. Re: TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 18:21:00 UTC
From: kb8cmw@...
Topic: 13374 Message: 13382

Does the TCXO help that much?
I use TS-450 and FT-847 both on HF.

Paul KB8CMW

13383. Re: TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-25 23:32:46 UTC
From: rzacharkow@...
Topic: 13374 Message: 13383

I'm not really sure. Probably that's why I have not been in a hurry to install it. I don't get any drift as far as I can tell.

13384. Re: [TS-850_450_690] TS-450 user

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-26 17:54:10 UTC
From: Bob Naylor
Topic: 13374 Message: 13384

Chris, I agree with you about the 850. I've had mine since something like 1996 and have no desire to replace it. I would though for a 990 but not ready to spend eight grand on a radio!
I have another ham friend that has the Elecraft K3 which the world seems to love, and an 850. He says the receive on both rigs are "comparable" The 850 is a very fine rig and for people that have never owned one, have no idea how good they are.
The argument some have is no DSP. I personally do not like DSP so that's not an issue for me. Between three filter slots filled, AIP, Slope, RF gain, and three choices of attenuators, I'm happy. One problem with owning an 850 is that only very high end rigs would satisfy you after owning an 850!
One thing I did was about three years ago I sent the 850 to Clif Avvid for a "check up" I told him I had it for about 20 years and would like it to last another 20 years so he gave it some preventive maint etc. There was nothing wrong with it and I wanted it to stay that way. BTW there's (knock on wood) never been any problem with it whatsoever since I've had it. I bought it from a friend that bought it new so I knew it's history. He sold it to me cuzz he wanted an 870. When he bought the 850 new I fell in love with it right from the get-go so when he wanted to sell it to me I was thrilled!
I do a lot of CW but I also use phone a lot. A guy recently told me, with only the stock hand-mic, "the audio is great so don't change anything!" Can't beat that for an audio report!
Enjoy! 73, Bob WE6C
From: "christopher_trouten@yahoo.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 24, 2015 7:25 PM
Subject: Re: [TS-850_450_690] TS-450 user

  I got my ticket about 2 years ago. I thoroughly researched the primary features of a typical HF rig, features like IF vs AF shift, high/low cut filters, notch, etc and found that for the money, a used TS-850SAT was probably the very best value out there for the discriminating user. Not a contester necessarily, but someone who wants a lot of capability for general DXing, rag chewing and the like.
I found a high 6mil s/n rig in like new condition for $650 to my door and it has been my daily driver ever since and I have had absolutely no desire to upgrade. I'm an equipment junkie too. I love getting new toys to play with all the time. I picked up a couple DX-70 Alincos to tinker on. One was resold and the other is my mobile HF. I picked up an FT-857D a few weeks ago for backpacking and SOTA, and I just found a project TS-520S for $60 the other day (talked into Finland on it just this morning). NONE of these other rigs was intended to become my main rig obviously but they each serve their purpose.
I LOVE my 850 and will probably never let it go. It will probably be my daily driver until it breaks and costs more to fix than what I could buy a brand new rig for. At the price of new rigs, I could probably buy another two working 850s to keep as spares.
73 de Chris (AF7FQ)

13385. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-26 18:40:13 UTC
From: Ervin Hegedüs
Topic: 13362 Message: 13385

Hi Dave,

so, the problem is still exists - I've changed the headphone, but the monitor signals are also distored. But now, if I pulled out the headphone, the built-in speaker gives distorsed signals too. The connector is an 6.3mm jack, my headphones have 3.5, so I need a transformer. If only the transformer is plugged in, without headphone, then comes the distorsed signals.

Looks like the headphone wire works as antenna, and collects the RF - but how attached back this RF signal through the headphone wire?

73, Ervin

On Tue, Oct 13, 2015 at 9:13 PM, Dave ve3wej ve3wej@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> can you try different headphones, the one you are using MIGHT be getting a
> little rf into them, via the wires...
>
> just a thought
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@gmail.com
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> Hi all,
>>
>> a few days ago, a new symptom came out: when I work in CW, and TRX is in
>> TX mode, I hear my signals in my headphone - but sometimes it's very

>> distored. Just few signals, not a permanent state, but that's very
>> annoying. I can work without it dew minutes, then the distored signals
>> comes, for few seconds. I'm call few CQ, and these signals goes away
>> again...
>>
>> It doesn't depend anything: I've tried to reduce my RF power, switch IF
>> filter, tune AT, tune shift/width, turn on/off the input divider (6db,
>> 12db), ... - nothing, the symptom is persist.

>>
>> But only I hear that in my headphone - when I plug it out, I don't hear
>> it from the built-in speaker.
>>
>> I could't check it in SSB mode, or RTTY yet.
>>
>> Has anybody an idea, what would be this?
>>
>>
>> TNX, 73:
>> Ervin, HA2OS
>>
>>
>>
>
>

13386. Re: [TS-850_450_690] Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-26 18:52:30 UTC
From: Ervin Hegedüs
Topic: 13362 Message: 13386

And one important thing: when I'm keying (with PC or "classic" extarnal el-key), then there is a new noise from RIG: it looks like a relay or switch, eg. the PTT switch inside, and it switch as very faster, like the PTT delay is low, and the operator works fast.

Any idea?

73, Ervin

On Mon, Oct 26, 2015 at 7:40 PM, Ervin Hegedüs <airween@...> wrote:

> Hi Dave,
>
> so, the problem is still exists - I've changed the headphone, but the
> monitor signals are also distored. But now, if I pulled out the headphone,
> the built-in speaker gives distorsed signals too. The connector is an 6.3mm
> jack, my headphones have 3.5, so I need a transformer. If only the

> transformer is plugged in, without headphone, then comes the distorsed
> signals.
>
> Looks like the headphone wire works as antenna, and collects the RF - but
> how attached back this RF signal through the headphone wire?

>
> 73, Ervin
>
>
>
> On Tue, Oct 13, 2015 at 9:13 PM, Dave ve3wej ve3wej@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> can you try different headphones, the one you are using MIGHT be getting
>> a little rf into them, via the wires...
>>
>> just a thought
>>
>>
>> Dave Garber
>> VE3WEJ / VE3IE
>>
>> On Tue, Oct 13, 2015 at 5:00 AM, Ervin Hegedüs airween@...
>> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>

>>>
>>>
>>> Hi all,
>>>
>>> a few days ago, a new symptom came out: when I work in CW, and TRX is
>>> in TX mode, I hear my signals in my headphone - but sometimes it's very
>>> distored. Just few signals, not a permanent state, but that's very
>>> annoying. I can work without it dew minutes, then the distored signals
>>> comes, for few seconds. I'm call few CQ, and these signals goes away
>>> again...
>>>
>>> It doesn't depend anything: I've tried to reduce my RF power, switch IF
>>> filter, tune AT, tune shift/width, turn on/off the input divider (6db,
>>> 12db), ... - nothing, the symptom is persist.
>>>
>>> But only I hear that in my headphone - when I plug it out, I don't hear
>>> it from the built-in speaker.
>>>
>>> I could't check it in SSB mode, or RTTY yet.
>>>
>>> Has anybody an idea, what would be this?
>>>
>>>
>>> TNX, 73:
>>> Ervin, HA2OS
>>>
>>>
>>>
>>
>>
>
>

13387. Re: Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-27 14:57:03 UTC
From: T. Scott Griffin
Topic: 13362 Message: 13387

Hello Ervin,

Is it possible you are getting Rf back into your radio shack and the Rf is being picked up by your headphone cable? This can happen with many types of antennas-G5RV, Off-center Fed Dipole, shortened verticals, etc. on some bands. I have had it happen with my OCF dipole and the radio would give me strange sounds and shut off at higher power. You could check it if you have a dummy antenna-it should not happen, or you can see if it still happens on different bands. If you suspect you are getting Rf back into the shack, a cure is to insert an Rf choke into the transmission line.

I hope you can track down and cure this annoying problem.

73s, Scott, N6CIC

Sent from Mail for Windows 10

13388. Re: [TS-850_450_690] Re: Distored monitor sound in headphone, CW mode

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-27 20:09:52 UTC
From: Ervin Hegedüs
Topic: 13362 Message: 13388

Hi Scott,

I don't know - but as I wrote in my last e-mail, when I unplug the headphone, and there isn't any 3.5/6.3 converter in headphone output, then the built-in speaker is also distored. In that case, there isn't headphone cable.

Today, I've played with RIG, and tried to detect the issue. I've turned on the RIG, and about in the first 10-15 minutes, there wasn't this effect. I've worked on 20m. Then the distored signal has arrived (after the 10-15 minutes). I've changed the band to 40m, distored voice also there.

Then I've tried to change the stay of potentiometers on front of RIG: I've

modified carrier (CAR), when I turn it to low, and power stays as 100W's out, the distored voice has left. I've checked the ALC level, the built-in instrument measures 0 of ALC level... I've turned up, distored voice came back. Then I turned back to "normal" level of ALC, and started to modify the others: MIC, PROC and MONI. I didn't found the exact cause, my opinion is the MIC potentiometer occured this issue: I turn to low, and back, then distored signals had left, and no came back. I don't understand that, because usually I'm working on CW, sometimes in FSK - the microphone is in the cupboard. I don't see the connection between distored CW monitor signal, and MIC potentiometer. But may be, I just missed out, and the another level controller was the causer.

Anyway, I've a 4 band GP (40-20-15-10 meters), and a dipol (80m), so I don't have any antennas, which your listed here.

Today evening (here, in HA) I've made abt 70 QSO's, but the distored monitor voice just came once, for a very short time (1-2 seconds).

Could be the reason is a wrong potentiometer one of the fron panel?

Thanks,

73, Ervin

On Tue, Oct 27, 2015 at 3:57 PM, 'T. Scott Griffin' scottandalene@msn.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello Ervin,
>
>

>
> Is it possible you are getting Rf back into your radio shack and the Rf is
> being picked up by your headphone cable? This can happen with many types
> of antennas-G5RV, Off-center Fed Dipole, shortened verticals, etc. on some
> bands. I have had it happen with my OCF dipole and the radio would give me
> strange sounds and shut off at higher power. You could check it if you have
> a dummy antenna-it should not happen, or you can see if it still happens on
> different bands. If you suspect you are getting Rf back into the shack, a
> cure is to insert an Rf choke into the transmission line.
>
>
>
> I hope you can track down and cure this annoying problem.
>
>
>
> 73s, Scott, N6CIC
>
>
>
> Sent from Mail <http://go.microsoft.com/fwlink/?LinkId=550986> for
> Windows 10
>
>
>

13389. Configuring TS-850 with external auto tuner (MFJ 998)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-28 05:02:39 UTC
From: zclobes@...
Topic: 13389 Message: 13389

I picked up an MFJ 998 with the Kenwood interface cable. I flipped the slide switch on the back to indicate external tuner. Also, I configured the 998 to interface with a Kenwood.

When I press the Tune button on the 850, the tuner recognizes that it should be tuning, but the 850 never switches into transmit mode. It just sits there in receive, and the tuner eventually gives up telling me to increase the power.

I see references to changing some menu settings, and I've played with a few of them, but beyond that, I'm not sure where to look.

Zack Clobes, W0ZC

13390. Re: [TS-850_450_690] Configuring TS-850 with external auto tuner (MFJ 998)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-28 12:43:12 UTC
From: <cparrish104@...>
Topic: 13389 Message: 13390

Try pressing the THRU/AUTO switch on the '850.

K4TL
---- "zclobes@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> I picked up an MFJ 998 with the Kenwood interface cable. I flipped the slide switch on the back to indicate external tuner. Also, I configured the 998 to interface with a Kenwood.
>
>
> When I press the Tune button on the 850, the tuner recognizes that it should be tuning, but the 850 never switches into transmit mode. It just sits there in receive, and the tuner eventually gives up telling me to increase the power.
>
>
> I see references to changing some menu settings, and I've played with a few of them, but beyond that, I'm not sure where to look.
>
>
> Zack Clobes, W0ZC

13391. Re: [TS-850_450_690] Configuring TS-850 with external auto tuner (MFJ 998)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-10-29 13:32:13 UTC
From: zclobes@...
Topic: 13389 Message: 13391

I've tried that switch in both positions. I don't recall off hand if it makes ANY difference, but it didn't fix the problem.

13392. TS-450sat power out put drops when ues antenna tunner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-06 09:29:14 UTC
From: risingstorm1977@...
Topic: 13392 Message: 13392

I have to 450's with ant tuners they both put out a 100w when the ant tuner is off. When i turn it on and tune it to 1:1 my swr meter says depending on band 55-75 watt output turn it of i get 100w again. it does it on both radios is this norm tried different swr meters still the same. Why does it do this

TY
KB9YKN
Chad

13393. Re: [TS-850_450_690] TS-450sat power out put drops when ues antenna tunner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-06 17:15:45 UTC
From: Tom Osborne
Topic: 13392 Message: 13393

Have you checked this with different watt meters?

If your SWR is high, it will show more power out on the watt meter, but
that is a false reading.. What does the meter on the radio show? Is it at
100 watts there? 73
Tom W7WHY

On Fri, Nov 6, 2015 at 1:29 AM, risingstorm1977@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I have to 450's with ant tuners they both put out a 100w when the ant
> tuner is off. When i turn it on and tune it to 1:1 my swr meter says
> depending on band 55-75 watt output turn it of i get 100w again. it does it
> on both radios is this norm tried different swr meters still the same. Why
> does it do this
>
>
> TY
>
> KB9YKN
>
> Chad
>
>
>

13394. Re: TS-450sat power out put drops when ues antenna tunner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-06 18:43:42 UTC
From: dmueller421@...
Topic: 13392 Message: 13394

Try putting a dummy load on, and using the tuner to match the dummy load. That will tell you how much is getting lost in the tuner because of switching relays, loss in components etc.

Dave AA3EE

13395. Re: [TS-850_450_690] Re: TS-450sat power out put drops when ues antenna tunner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-06 20:43:09 UTC
From: Dave ve3wej
Topic: 13392 Message: 13395

what does it show on dummy load....

Dave Garber
VE3WEJ / VE3IE

On Fri, Nov 6, 2015 at 1:43 PM, dmueller421@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Try putting a dummy load on, and using the tuner to match the dummy load.
> That will tell you how much is getting lost in the tuner because of
> switching relays, loss in components etc.
>

> Dave AA3EE
>
>
>

13396. Re: Configuring TS-850 with external auto tuner (MFJ 998)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-12 03:46:17 UTC
From: zclobes@...
Topic: 13389 Message: 13396

After further investigation it turns out that the MFJ-998 had a problem. The TS line from the ACC jack goes low which tells the tuner to do its thing, and in return the tuner is supposed to bring the TT line low. The TT line causes the 850/450 to start transmitting until the line is pulled back up.

In my case, the '998 wasn't driving TT low, but if I shunted across TS to TT with a 1k resistor, the rig would transmit a carrier as expected.

13397. attenuator issue solved

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-12 22:29:05 UTC
From: Dave ve3wej
Topic: 13397 Message: 13397

Hi gang, just a note to thanks those that advised, supplied pictures, etc. I finally got the nerve to check (again) the 51 ohms resistor in the att circuit, to confirm 51 ohms, and found 450k. removed and replace with a physically larger, but correct value 51 ohm, and now the 6 db attenuator works..

the ts850 is now 100%, instead of the 99% it was doing

Dave Garber
VE3WEJ / VE3IE

13398. TS-450SAT RX-M button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-13 01:28:05 UTC
From: rzacharkow@...
Topic: 13398 Message: 13398

Beyond what the manual describes (which I don't really get...anyone willing to explain to me what is the purpose of the RX M button, and, the proper way to use it with the RF control?

Thanks in advance.

73 de N1NIJ Rick

13399. Re: TS-450SAT RX-M button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-14 00:37:29 UTC
From: dmueller421@...
Topic: 13398 Message: 13399

Search the archives, someone posted a really good message on how to use it. I copied and saved it, but can't remember where!
Dave AA3EE

13400. Re: [TS-850_450_690] TS-450SAT RX-M button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-14 03:04:53 UTC
From: Tom Osborne
Topic: 13398 Message: 13400

When you push it in, it brings up a scale at the bottom of the S-meter.
That is the signal level in dB. 73
Tom W7WHY

On Thu, Nov 12, 2015 at 5:28 PM, rzacharkow@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Beyond what the manual describes (which I don't really get...anyone
> willing to explain to me what is the purpose of the RX M button, and, the
> proper way to use it with the RF control?
>
>
> Thanks in advance.
>
>
> 73 de N1NIJ Rick
>
>
>

13401. Re: TS-450SAT RX-M button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-14 15:44:47 UTC
From: dmueller421@...
Topic: 13398 Message: 13401

Re: dB Meter on front of TS-450S https://groups.yahoo.com/neo/groups/TS-850_450_690/conversations/topics/13061;_ylc=X3oDMTJydm9vdGFkBF9TAzk3MzU5NzE1BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEzMDYxBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjUwMjU2NDI-
Thu Feb 26, 2015 7:22 am (PST) . Posted by: "N6EV - Paul Carreiro" z65paul
mailto:Paul@...?subject=Re%3A%20dB%20Meter%20on%20front%20of%20TS-450S

Alan,
You're inquiring about the TS-450/690's RX Meter function. The RX Meter is turned on and off with the "RX M" or #3 button. Per the manual: "When this key is pressed during reception, the dB display turns on and off. The AF level is displayed on the scale (dB), independent of the AF volume control setting." It's actually one of my favorite and most useful features of these rigs. Here is a copy of a post I made to this list back in 2013 on the topic:

One of the best features of the TS-450/690 that you don't find in other rigs (even it's big brother the TS-850 and subsequent rigs) is the RX Meter. In my informal polling on the air and online, most operators using the TS-450/690 don't understand or don't use this powerful feature. Most may have it engaged, looking at the bar graph LEDs flicker away reflecting received audio level, but do nothing more.

The power of this feature shines when used in combination with the RF Gain adjustment. Once a desired signal is tuned in with desired filtering, with the RX Meter active, back off the RF Gain until the peaks of the receive signal on the RX Meter bar graph just start to come off the 0 dB point. This is that magical sweet spot point where AGC is not backing off the desired signal, resulting in maximum signal to noise. Back off RF Gain further and you start to reduce the desired signal. Back off RF Gain less from this point and you increase noise and AGC starts to cut back the desired signal.

It really is a powerful feature that I wish was incorporated into other rigs. In fact I don't know of another rig that has it. Anyone know of one? I don't know if Kenwood has incorporated it into its latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If they did, I'd be inclined to relegate my TS-690 to backup rig status and upgrade.

I also like to turn on the peak-hold feature that the RX, TX and S-meters have. It's turned on and off via the LSB/USB Power-on Menu, #08 (Section 4.11-15 of the operating manual).

Hope this information help.
73 Paul N6EV
http://www.n6ev.com/ http://www.n6ev.com/

13402. TS-850 not suppressing LSB Correctly.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-17 21:25:32 UTC
From: rippedradio@...
Topic: 13402 Message: 13402

Hello all just wondered if anyone has ever seen or heard of this problem. USB and AM Seem fine, But LSB is going onto USB slightly and the radio just does not sound correct on the air. It does not matter what position the filter is set on. I have tried different mic's also. Thanks, Chris N0CMH

13403. Re: [TS-850_450_690] Re: TS-450SAT RX-M button

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-17 22:57:04 UTC
From: Tom Osborne
Topic: 13398 Message: 13403

Hey Paul - that is some good info on using the RF gain and bar graph meter.

Will try that in the next contest. Thaks and 73
Tom W7WHY

On Sat, Nov 14, 2015 at 7:44 AM, dmueller421@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Re: dB Meter on front of TS-450S
> <https://groups.yahoo.com/neo/groups/TS-850_450_690/conversations/topics/13061;_ylc=X3oD
MTJydm9vdGFkBF9TAzk3MzU5NzE1BGdycElkAzMwOTc1ODIEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEzMDYxBH
NlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjUwMjU2NDI->
> Thu Feb 26, 2015 7:22 am (PST) . Posted by:"N6EV - Paul Carreiro" z65paul
> <Paul@...?subject=Re%3A%20dB%20Meter%20on%20front%20of%20TS-450S>
> Alan,
> You're inquiring about the TS-450/690's RX Meter function. The RX
> Meter is turned on and off with the "RX M" or #3 button. Per the
> manual: "When this key is pressed during reception, the dB display
> turns on and off. The AF level is displayed on the scale (dB),
> independent of the AF volume control setting." It's actually one of
> my favorite and most useful features of these rigs. Here is a copy
> of a post I made to this list back in 2013 on the topic:
>
> --
> One of the best features of the TS-450/690 that you don't find in
> other rigs (even it's big brother the TS-850 and subsequent rigs) is
> the RX Meter. In my informal polling on the air and online, most
> operators using the TS-450/690 don't understand or don't use this
> powerful feature. Most may have it engaged, looking at the bar graph
> LEDs flicker away reflecting received audio level, but do nothing more.
>
> The power of this feature shines when used in combination with the RF
> Gain adjustment. Once a desired signal is tuned in with desired
> filtering, with the RX Meter active, back off the RF Gain until the
> peaks of the receive signal on the RX Meter bar graph just start to
> come off the 0 dB point. This is that magical sweet spot point where
> AGC is not backing off the desired signal, resulting in maximum
> signal to noise. Back off RF Gain further and you start to reduce the
> desired signal. Back off RF Gain less from this point and you
> increase noise and AGC starts to cut back the desired signal.
>
> It really is a powerful feature that I wish was incorporated into
> other rigs. In fact I don't know of another rig that has it. Anyone
> know of one? I don't know if Kenwood has incorporated it into its

> latest rigs (TS-590 / TS-990). Perhaps someone could tell me that. If
> they did, I'd be inclined to relegate my TS-690 to backup rig status
> and upgrade.
> ----------
>
> I also like to turn on the peak-hold feature that the RX, TX and
> S-meters have. It's turned on and off via the LSB/USB Power-on Menu,
> #08 (Section 4.11-15 of the operating manual).
>
> Hope this information help.
> 73 Paul N6EV
> http://www.n6ev.com/
>
>
>
>
>

13404. Re: [TS-850_450_690] TS-850 not suppressing LSB Correctly.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-17 23:07:17 UTC
From: Dave ve3wej
Topic: 13402 Message: 13404

check your filters and filter settings, first...

does it get better if you attenuate, alc on or off??? is it only one
person you listening to, or everybody

Dave Garber
VE3WEJ / VE3IE

On Tue, Nov 17, 2015 at 4:25 PM, rippedradio@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello all just wondered if anyone has ever seen or heard of this problem.
> USB and AM Seem fine, But LSB is going onto USB slightly and the radio just
> does not sound correct on the air. It does not matter what position the
> filter is set on. I have tried different mic's also. Thanks, Chris N0CMH
>
>
>

13405. Cosmetic resto TS-520S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-21 04:27:55 UTC
From: christopher_trouten@...
Topic: 13405 Message: 13405

I had been wanting to buy a Kenwood hybrid to restore for quite a while and I recently found a nice candidate for the right price, a $60 TS-520S. I got it home and discovered that is works perfectly, 100+ watts out on each band and I have been working the world with it for about two months now. Best contact so far is S. Africa, about 9800 miles.

Anyway, I have found the time (I think) to begin the restoration so I started gathering what I need to complete it. I ordered the screws and plastic fasteners for the side door and they should be here next week. The rig is in really rough cosmetic condition with a fair amount of corrosion everywhere. The cover panels and the supporting sub-structure needs attention.

I took the side cover in to Lowe's the other day and had them try to match the paint for me. I got a half pint for $3.50 and it is a PERFECT match, right down to the gloss! I'm stoked to get this thing done now because I really didn't think I would ever be able to get a good original looking paint.

Anyway, I just wanted to share my excitement about the project.

Chris
AF7FQ

13406. Re: [TS-850_450_690] Cosmetic resto TS-520S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-21 04:34:09 UTC
From: Steve
Topic: 13405 Message: 13406

That is neat. Wow.

Sent from my iPhone

> On Nov 20, 2015, at 11:27 PM, christopher_trouten@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> I had been wanting to buy a Kenwood hybrid to restore for quite a while and I recently found a nice candidate for the right price, a $60 TS-520S. I got it home and discovered that is works perfectly, 100+ watts out on each band and I have been working the world with it for about two months now. Best contact so far is S. Africa, about 9800 miles.
>
>
>
> Anyway, I have found the time (I think) to begin the restoration so I started gathering what I need to complete it. I ordered the screws and plastic fasteners for the side door and they should be here next week. The rig is in really rough cosmetic condition with a fair amount of corrosion everywhere. The cover panels and the supporting sub-structure needs attention.
>
>
>
> I took the side cover in to Lowe's the other day and had them try to match the paint for me. I got a half pint for $3.50 and it is a PERFECT match, right down to the gloss! I'm stoked to get this thing done now because I really didn't think I would ever be able to get a good original looking paint.
>
>
>
> Anyway, I just wanted to share my excitement about the project.
>
>
>
> Chris
>
> AF7FQ
>
>

13407. FS Flex 6300/ ICOM IC-7600 / ICOM IC-7000

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-11-21 15:00:48 UTC
From: larry.rrjj@...
Topic: 13407 Message: 13407

FS Flex 6300/ ICOM IC-7600 / ICOM IC-7000

For Sale: my Icom IC-7600
Includes:

IC-7600 transceiver
Original Box
Hand Microphone
Power Cord
Original Physical Manual and CD-ROM manual

Price: $1,915

For sale: Flex Radio 6300 with ATU and Handle Kit installed.

The radio is in like new condition. No dings, scrapes, or dents in a non-smoking environment. It comes with all the original accessories, microphone, and power cord as well as Quick Start Guide and CD.
Will be shipped in original box.
Price: $1,900

ICOM IC-7000 in very good condition.
I am including the original hand mic, a desk mic,
original box , power cable , manual, remote kit,
mobile mounting bracket and a NooElec USB SDR I have been using as a panadaptor for this rig.
Price: $750

Email: larry.rj73@yahoo.com
No-Trades

Larry/K7LJ
73

.,.][

13408. FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-07 08:24:02 UTC
From: larry.rrjj@...
Topic: 13408 Message: 13408

Hello

I am clearing my shack.

Contact me if you are interested in any of the rigs listed.
Kenwood TS 2000
Kenwood TS 990s

Elecraft K3
Elecraft KX-3

FlexRadio 5000a
FlexRadio 6300

Icom IC 7800
Icom IC 756 Pro III
Icom IC 7000

Acom 2000a
Icom PW-1

Pictures and price available on request.

Alan L Zaur
VT 05602
Email : alanzaur73@gmail.com
http://www.qrz.com/db/K1MZM

73

.,.,;

13409. Re: FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-08 13:27:25 UTC
From: locoken77@...
Topic: 13408 Message: 13409

Warning | QRZ Forums https://forums.qrz.com/index.php?threads/warning.503403/

https://forums.qrz.com/index.php?threads/warning.503403/

Warning | QRZ Forums https://forums.qrz.com/index.php?threads/warning.503403/ I have been advised that someone is using my call sign in an attempt to defraud members of this list-serve. I am not presently selling any ham radio...

View on forums.qrz.com https://forums.qrz.com/index.php?threads/warning.503403/
Preview by Yahoo

13410. Warning

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-08 15:55:08 UTC
From: locoken77@...
Topic: 13410 Message: 13410

Warning | QRZ Forums https://forums.qrz.com/index.php?threads/warning.503403/#post-3680141

https://forums.qrz.com/index.php?threads/warning.503403/#post-3680141

Warning | QRZ Forums https://forums.qrz.com/index.php?threads/warning.503403/#post-3680141
I have been advised that someone is using my call sign in an attempt to defraud members of this list-serve. I am not presently selling any ham radio...

View on forums.qrz.com
https://forums.qrz.com/index.php?threads/warning.503403/#post-3680141
Preview by Yahoo

13411. Re: [TS-850_450_690] Re: FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-08 16:41:03 UTC
From: Chris
Topic: 13408 Message: 13411

I was interested in KX3 but it didn't sound right, so I decided to not go for it. Someone must have been robbed and we have to be careful.

Chris AD1AD

On Tue, Dec 8, 2015 at 8:27 AM, locoken77@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Warning | QRZ Forums
> <https://forums.qrz.com/index.php?threads/warning.503403/>
> [image: image] <https://forums.qrz.com/index.php?threads/warning.503403/>
> Warning | QRZ Forums
> <https://forums.qrz.com/index.php?threads/warning.503403/>
> I have been advised that someone is using my call sign in an attempt to
> defraud members of this list-serve. I am not presently selling any ham
> radio...
> View on forums.qrz.com
> <https://forums.qrz.com/index.php?threads/warning.503403/>
> Preview by Yahoo
>
>
>
>
>

--
The whole problem with the world is that fools and fanatics are always so certain of themselves, but wiser people so full of doubts.

13412. Re: [TS-850_450_690] FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-08 17:28:53 UTC
From: Neil Gerren
Topic: 13408 Message: 13412

This IS VERY SUSPICIOUS!!!!!

On Mon, Dec 7, 2015 at 3:24 AM, larry.rrjj@yahoo.com [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello
>
> I am clearing my shack.
>
> Contact me if you are interested in any of the rigs listed.
> Kenwood TS 2000
> Kenwood TS 990s
>
> Elecraft K3
> Elecraft KX-3
>
> FlexRadio 5000a
> FlexRadio 6300
>
> Icom IC 7800
> Icom IC 756 Pro III
> Icom IC 7000
>
> Acom 2000a
> Icom PW-1
>
> Pictures and price available on request.
>
> Alan L Zaur
> VT 05602
> Email : alanzaur73@gmail.com
> http://www.qrz.com/db/K1MZM
>
> 73
>
>
> .,.,;
>
>
>
>

13413. Re: [TS-850_450_690] FS: Acom2000a /Elecraft k3/Icom 756/Flexradio 6300

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-08 20:03:23 UTC
From: Jon
Topic: 13408 Message: 13413

that person has been banned.

73,
Jon
KD5SFA

On Tuesday, December 8, 2015, Neil Gerren NeilGerren@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> This IS VERY SUSPICIOUS!!!!!
>
> On Mon, Dec 7, 2015 at 3:24 AM, larry.rrjj@...
> <javascript:_e(%7B%7D,'cvml','larry.rrjj@...');> [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com
> <javascript:_e(%7B%7D,'cvml','TS-850_450_690@yahoogroups.com');>> wrote:
>
>>
>>
>> Hello
>>
>> I am clearing my shack.
>>
>> Contact me if you are interested in any of the rigs listed.
>> Kenwood TS 2000
>> Kenwood TS 990s
>>
>> Elecraft K3
>> Elecraft KX-3
>>
>> FlexRadio 5000a
>> FlexRadio 6300
>>
>> Icom IC 7800
>> Icom IC 756 Pro III
>> Icom IC 7000
>>
>> Acom 2000a
>> Icom PW-1
>>
>> Pictures and price available on request.
>>
>> Alan L Zaur

>> VT 05602
>> Email : alanzaur73@...
>> <javascript:_e(%7B%7D,'cvml','alanzaur73@...');>
>> http://www.qrz.com/db/K1MZM
>>
>> 73
>>
>>
>> .,.,;
>>
>>
>>
>
>

13414. Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 17:52:26 UTC
From: d.noecker@...
Topic: 13414 Message: 13414

I have just bought a TS-850s and it does not have any of thew optional filters. I believe there are three that can be put in. Can anyone give a recommendation as to what would be the best set up. I appreciate anyones thoughts on this.

73's Dan KJ6OXC

13415. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 20:03:23 UTC
From: Dave ve3wej
Topic: 13414 Message: 13415

depends on what modes you operate. they are listed in the manual

Dave Garber
VE3WEJ / VE3IE

On Thu, Dec 10, 2015 at 12:52 PM, d.noecker@yahoo.com [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I have just bought a TS-850s and it does not have any of thew optional
> filters. I believe there are three that can be put in. Can anyone give a
> recommendation as to what would be the best set up. I appreciate anyones
> thoughts on this.
>
> 73's Dan KJ6OXC
>
>
>
>

13416. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 20:16:05 UTC
From: Bob Naylor
Topic: 13414 Message: 13416

If you do CW on crowded bands, get the 250hz for the 455 IF.Bob WE6C

From: "d.noecker@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 10, 2015 9:52 AM
Subject: [TS-850_450_690] Filters for the TS-850

I have just bought a TS-850s and it does not have any of thew optional filters. I believe there are three that can be put in. Can anyone give a recommendation as to what would be the best set up. I appreciate anyones thoughts on this.

73's Dan KJ6OXC

13417. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 21:51:14 UTC
From: Mel Cruts
Topic: 13414 Message: 13417

I have owned TS-850S, TS-450S/AT, TS-690 and TS-440 in the past and have come to appreciate extra value in the INRAD line of filters. The Inrad filters generally have a better shape factor (sharper skirts) than the Kenwood filters.

I especially have liked the Inrad 400 Hz filter for RTTY. The 2100 Hz filter for a real difference maker on SSB that I like better than the Kenwood 1800 Hz filter which degrades audio to my ear.

You may find any of these filters for sale on Ebay, QTH.com, QRZ.com or through many reputable dealers.

Enjoy your new rig. :-)
73,
Mel - KF6OZ

13418. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 22:17:02 UTC
From: Bob Naylor
Topic: 13414 Message: 13418

Mel, I agree with you on the 1800. I had once once and it seemed to screw up the audio more than it "narrowed" I'm not a phone contester anyway.

Did I hear correctly that to install the INRAD filters you need to cut the pins shorter?
Bob WE6C

From: "Mel Cruts mel@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 10, 2015 1:51 PM
Subject: Re: [TS-850_450_690] Filters for the TS-850

  I have owned TS-850S, TS-450S/AT, TS-690 and TS-440 in the past and have come to appreciate extra value in the INRAD line of filters. The Inrad filters generally have a better shape factor (sharper skirts) than the Kenwood filters.

I especially have liked the Inrad 400 Hz filter for RTTY. The 2100 Hz filter for a real difference maker on SSB that I like better than the Kenwood 1800 Hz filter which degrades audio to my ear.

You may find any of these filters for sale on Ebay, QTH.com, QRZ.com or through many reputable dealers.

Enjoy your new rig. :-)
73,
Mel - KF6OZ

13419. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 22:07:08 UTC
From: Dennis
Topic: 13414 Message: 13419

My thoughts!
Save your money and use the Slope Tune. The Slope Tune works great on side band. You will need to practice at it a little.
For CW, most operators prefer the .500 on the 455. Most say that the .250 is a little too tight. Best Regards
Dennis W8YS

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Thursday, December 10, 2015 12:52 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Filters for the TS-850

I have just bought a TS-850s and it does not have any of thew optional filters. I believe there are three that can be put in. Can anyone give a recommendation as to what would be the best set up. I appreciate anyones thoughts on this.

73's Dan KJ6OXC

13420. Re: Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-10 23:41:27 UTC
From: Dennis
Topic: 13414 Message: 13420

Hi Dan
Enjoy the 850. You will find that it is a great rig.
My thoughts!
Save your money and use the Slope Tune. The Slope Tune works great on side band. You will need to practice at it a for a while.
For CW, most operators prefer the .500 filter on the 455 IF. They say that the .250 is a little too tight and difficult to listen to.
Best Regards
Dennis W8YS

13421. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-11 01:11:30 UTC
From: Mel Cruts
Topic: 13414 Message: 13421

Some Inrad filters may need two pins cut off before they will plug in. It always seemed obvious to me and was not scary.
73, Mel - KF6OZ

13422. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-11 01:47:38 UTC
From: Tom Osborne
Topic: 13414 Message: 13422

I have a couple of TS-450's here and find the Inrad filters work the best.
I use a 250 cycle filter for CW. Don't operate all that much SSB here so
just use the stock filter for that.

Inrad is at https://www.inrad.net/home.php?cat=56

Not associated with the company, just a satisfied customer. 73
Tom W7WHY

On Thu, Dec 10, 2015 at 9:52 AM, d.noecker@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I have just bought a TS-850s and it does not have any of thew optional
> filters. I believe there are three that can be put in. Can anyone give a
> recommendation as to what would be the best set up. I appreciate anyones
> thoughts on this.
>
> 73's Dan KJ6OXC
>
>
>
>

13423. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-11 21:22:33 UTC
From: Bryan Swadener
Topic: 13414 Message: 13423

I agree with Mel. I equipped my TS850SAT with the optional YK88SN-1 (8830 KHz, 1.8KHz) and YG-455CN-1 (455 KHz, 250 Hz) filters. While they help during crowded band conditions, I will replace them with better InRad filters as I get a round tuit.

Also, I highly recommend the InRad roofing filter. At $200 each, they're not cheap but, when you look at the width AND shape, they're excellent. My unscientific before-and-after tests showed that it makes a HUGE difference when trying to copy a weak signal that is close to a very strong signal. (take a look at the image showing both filters: http://tinyurl.com/wa7prc-roofingfilter). Blocking is GREATLY reduced.

InRad filters for the TS850 can be found here: http://www.inrad.net/home.php?cat=56. Compare those to the list I assembled that shows the bandwidth (at -6 and -60 dB) of most Kenwood filters. See http://tinyurl.com/wa7prc-kenwoodfilters.
vy 73 es gl,
Bryan WA7PRC

Subject: Re: Filters for the TS-850
>From: Mel KF6OZ
>Date: Thu Dec 10, 2015
>
>I have owned TS-850S, TS-450S/AT, TS-690 and TS-440 in the past and have
>come to appreciate extra value in the INRAD line of filters. The Inrad
>filters generally have a better shape factor (sharper skirts) than the
>Kenwood filters.
>
>I especially have liked the Inrad 400 Hz filter for RTTY. The 2100 Hz
>filter for a real difference maker on SSB that I like better than the
>Kenwood 1800 Hz filter which degrades audio to my ear.
>
>You may find any of these filters for sale on Ebay, QTH.com, QRZ.com or
>through many reputable dealers.
>
>Enjoy your new rig. :-)
>73,
>Mel - KF6OZ
>
>
>
>
>From: Dan KJ6OXC
>Sent: Thursday, December 10, 2015 12:52 PM
>Subject: [TS-850_450_690] Filters for the TS-850

>
>

>I have just bought a TS-850s and it does not have any of thew
optional filters. I believe there are three that can be put in.
Can anyone give a recommendation as to what would be the best
set up. I appreciate anyones thoughts on this.>
>
>73's Dan KJ6OXC
>

13424. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-11 21:47:54 UTC
From: Jordan Arndt
Topic: 13414 Message: 13424

You may also want to check out something like the LP-Pan connected to your 850 IF output jack and use the exceptional filtering within PowerSDR, and everything else it can do....73...Jordan VE6ZT

----- Original Message -----
From: Bryan Swadener bswadener@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 11, 2015 2:22 PM
Subject: Re: [TS-850_450_690] Filters for the TS-850

I agree with Mel. I equipped my TS850SAT with the optional YK88SN-1 (8830 KHz, 1.8KHz) and YG-455CN-1 (455 KHz, 250 Hz) filters. While they help during crowded band conditions, I will replace them with better InRad filters as I get a round tuit.

Also, I highly recommend the InRad roofing filter. At $200 each, they're not cheap but, when you look at the width AND shape, they're excellent. My unscientific before-and-after tests showed that it makes a HUGE difference when trying to copy a weak signal that is close to a very strong signal. (take a look at the image showing both filters: http://tinyurl.com/wa7prc-roofingfilter). Blocking is GREATLY reduced.

InRad filters for the TS850 can be found here: http://www.inrad.net/home.php?cat=56. Compare those to the list I assembled that shows the bandwidth (at -6 and -60 dB) of most Kenwood filters. See http://tinyurl.com/wa7prc-kenwoodfilters.
vy 73 es gl,
Bryan WA7PRC

Subject: Re: Filters for the TS-850
>From: Mel KF6OZ
>Date: Thu Dec 10, 2015
>
>I have owned TS-850S, TS-450S/AT, TS-690 and TS-440 in the past and have
>come to appreciate extra value in the INRAD line of filters. The Inrad
>filters generally have a better shape factor (sharper skirts) than the
>Kenwood filters.
>
>I especially have liked the Inrad 400 Hz filter for RTTY. The 2100 Hz
>filter for a real difference maker on SSB that I like better than the
>Kenwood 1800 Hz filter which degrades audio to my ear.
>
>You may find any of these filters for sale on Ebay, QTH.com, QRZ.com or
>through many reputable dealers.
>

>Enjoy your new rig. :-)
>73,
>Mel - KF6OZ
>
>
>
>
>From: Dan KJ6OXC
>Sent: Thursday, December 10, 2015 12:52 PM
>Subject: [TS-850_450_690] Filters for the TS-850
>
>

>I have just bought a TS-850s and it does not have any of thew
optional filters. I believe there are three that can be put in.
Can anyone give a recommendation as to what would be the best
set up. I appreciate anyones thoughts on this.>
>
>73's Dan KJ6OXC
>

13425. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-11 21:56:14 UTC
From: Bob Naylor
Topic: 13414 Message: 13425

Bryan, I didn't know you were on here. If you've posted in the past I missed it.CU on the air again someday.73, Bob WE6C

From: "Bryan Swadener bswadener@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: "TS-850_450_690@yahoogroups.com" <TS-850_450_690@yahoogroups.com>
Sent: Friday, December 11, 2015 1:22 PM
Subject: Re: [TS-850_450_690] Filters for the TS-850

I agree with Mel. I equipped my TS850SAT with the optional YK88SN-1 (8830 KHz, 1.8KHz) and YG-455CN-1 (455 KHz, 250 Hz) filters. While they help during crowded band conditions, I will replace them with better InRad filters as I get a round tuit.

Also, I highly recommend the InRad roofing filter. At $200 each, they're not cheap but, when you look at the width AND shape, they're excellent. My unscientific before-and-after tests showed that it makes a HUGE difference when trying to copy a weak signal that is close to a very strong signal. (take a look at the image showing both filters: http://tinyurl.com/wa7prc-roofingfilter). Blocking is GREATLY reduced.

InRad filters for the TS850 can be found here: http://www.inrad.net/home.php?cat=56. Compare those to the list I assembled that shows the bandwidth (at -6 and -60 dB) of most Kenwood filters. See http://tinyurl.com/wa7prc-kenwoodfilters.
vy 73 es gl,
Bryan WA7PRC

Subject: Re: Filters for the TS-850
>From: Mel KF6OZ
>Date: Thu Dec 10, 2015
>
>I have owned TS-850S, TS-450S/AT, TS-690 and TS-440 in the past and have
>come to appreciate extra value in the INRAD line of filters. The Inrad
>filters generally have a better shape factor (sharper skirts) than the
>Kenwood filters.
>
>I especially have liked the Inrad 400 Hz filter for RTTY. The 2100 Hz
>filter for a real difference maker on SSB that I like better than the
>Kenwood 1800 Hz filter which degrades audio to my ear.
>
>You may find any of these filters for sale on Ebay, QTH.com, QRZ.com or
>through many reputable dealers.
>
>Enjoy your new rig. :-)
>73,

>Mel - KF6OZ
>
>
>
>
>From: Dan KJ6OXC
>Sent: Thursday, December 10, 2015 12:52 PM
>Subject: [TS-850_450_690] Filters for the TS-850
>
>

>I have just bought a TS-850s and it does not have any of thew
optional filters. I believe there are three that can be put in.
Can anyone give a recommendation as to what would be the best
set up. I appreciate anyones thoughts on this.>
>
>73's Dan KJ6OXC
>

13426. RE: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 05:00:30 UTC
From: Les Zwiebel
Topic: 13414 Message: 13426

Nice posts, Bryan and Mel.

(((73)))

Les WB6ORZ

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Friday, December 11, 2015 1:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Filters for the TS-850

I agree with Mel. I equipped my TS850SAT with the optional YK88SN-1
(8830 KHz, 1.8KHz) and YG-455CN-1 (455 KHz, 250 Hz) filters. While
they help during crowded band conditions, I will replace them with
better InRad filters as I get a round tuit.

Also, I highly recommend the InRad roofing filter. At $200 each,
they're not cheap but, when you look at the width AND shape,
they're excellent. My unscientific before-and-after tests showed
that it makes a HUGE difference when trying to copy a weak signal
that is close to a very strong signal. (take a look at the image
showing both filters: http://tinyurl.com/wa7prc-roofingfilter).
Blocking is GREATLY reduced.

InRad filters for the TS850 can be found here:
http://www.inrad.net/home.php?cat=56. Compare those to the list
I assembled that shows the bandwidth (at -6 and -60 dB) of most
Kenwood filters. See http://tinyurl.com/wa7prc-kenwoodfilters.
vy 73 es gl,
Bryan WA7PRC

Subject: Re: Filters for the TS-850
>From: Mel KF6OZ
>Date: Thu Dec 10, 2015
>
>I have owned TS-850S, TS-450S/AT, TS-690 and TS-440 in the past and have
>come to appreciate extra value in the INRAD line of filters. The Inrad
>filters generally have a better shape factor (sharper skirts) than the
>Kenwood filters.
>
>I especially have liked the Inrad 400 Hz filter for RTTY. The 2100 Hz
>filter for a real difference maker on SSB that I like better than the
>Kenwood 1800 Hz filter which degrades audio to my ear.
>

>You may find any of these filters for sale on Ebay, QTH.com, QRZ.com or
>through many reputable dealers.

>
>Enjoy your new rig. :-)
>73,
>Mel - KF6OZ
>
>
>
>
>From: Dan KJ6OXC
>Sent: Thursday, December 10, 2015 12:52 PM
>Subject: [TS-850_450_690] Filters for the TS-850
>
>

>I have just bought a TS-850s and it does not have any of thew
optional filters. I believe there are three that can be put in.
Can anyone give a recommendation as to what would be the best
set up. I appreciate anyones thoughts on this.>
>
>73's Dan KJ6OXC
>

13427. Re: Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 10:29:39 UTC
From: <fortra@...>
Topic: 13414 Message: 13427

Hi Guys,

have had three TS-850S so far Couple of TS-930S, TS-950S/SD/SDX

All of them were equiped with original Kenwood filtes
of YG and YK series...

My biggiest dissapointment was with TS-930S filled up with INRAD filters and in late 90’s TS-850S also with INRAD..

From operator’s point of view, they have too much attenuation and are bulky to install, to put it mildly...

My present TS-850SAT of 5series has following...

-Main filter YK-88S1 replaced with TS-930S/870S/ filter YK-88S2 of 3.0 Khz...It does perfectly match and sounds
coupled with Murata CFJ 455 K13 in third IF...

-SSB filter YK-88SN-1, 1.8 Khz bandwith for tough pileups

-Cw filters are : YK-88C1 and YG-455C1 in 2nd and 3rd IF

-No roofing filters....

-Outboard filtering is done with Timewave 9+

-Has also DRU-2, and TCXO of Chinese origin

So, my definitive advice is go with Kenwood filters, go with matched bandwiths and buy an outboard DSP if you need it...

For comparison purpose i have TS-590S and marvel of radio Kenwood TS-830S, with main filter replaced YK88S2 and
matching TRio/Kenwood filters YK-88C and YG-455C...

My previous radio TS-930SAT was also (and still is) equiped with original Kenwood filters of YK and YG origin being 500 Hz....

So do not waste money or time with replacements...
If you want to really compare the filters you need a modest lab or friend who has one....
Attenuation in filters and signal delay are serious matter, thus i stayed with original crystal filters...

All the radios are coupled to pair of Behringer Monitor 1C...

The best sound comes from TS-830S....

And yes, the TS-830S is masterpiece of engineering and easy of use...

Kr Nermin S58DX

[Non-text portions of this message have been removed]

13428. Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 16:07:39 UTC
From: spagnel@...
Topic: 13428 Message: 13428

I am new to ham radio and have bought a very nice TS-850S, one thing I keep hearing and reading about is the best piece of station equipment to have is an oscilloscope. I have been looking on line and I can get a very nice one for under $250. So I guess the question is to buy a used oscilloscope or a Kenwood SM-230 to go with my TS850, most SM230 are $500 plus is it worth the cost and does anyone use one?

Steve Paganelli

KK6YUA

13429. Re: [TS-850_450_690] Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 17:07:44 UTC
From: John tf
Topic: 13428 Message: 13429

I think you need to learn the difference between the 3 pieces of gear your post refers to .
An #1 oscilloscope - measures voltage over time , there can be some overlaps , but to keep simple
The #2 SM-230 is a band scope , or an early version of a pan-adapter , or a very limited version of a #3 spectrum analyzer - which measures frequency over time .
I think that the only reason to get a SM-230 , is to add to a collection of matching Kenwood gear [and that is limiting your possibilities { increased technology since these came out } and at too high of cost] .
If you value doing that , then the cost is not a primary issue .
If function is your primary interest , then looking at gear since then , a LP-PAN2 http://www.telepostinc.com/LP-PAN.html
Or one of the dongles , a SDR = Software Defined Radio with accompanied software = http://www.rtl-sdr.com/about-rtl-sdr/
So are you looking for form - completing a collection of matching gear ,
Or function - the current technical way to do something ?

John
KD0CAC

On Sat, Dec 12, 2015 at 10:07 AM, spagnel@... [TS-850_450_690] <TS-850_450_690@...m> wrote:

>
>
>
>
> I am new to ham radio and have bought a very nice TS-850S, one thing I
> keep hearing and reading about is the best piece of station equipment to
> have is an oscilloscope. I have been looking on line and I can get a very
> nice one for under $250. So I guess the question is to buy a used
> oscilloscope or a Kenwood SM-230 to go with my TS850, most SM230 are $500
> plus is it worth the cost and does anyone use one?
>
> Steve Paganelli
>
> KK6YUA
>
>
>
>
>

13430. Re: Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 16:49:58 UTC
From: yg@...
Topic: 13428 Message: 13430

Good morning, Steve.

In general, I regret buying my SM-230, although it's very nice looking, matches up very well with my TS-950SDX, and includes a very useful bandscope function.

If ever you have a plan to add a linear amplifier to your setup, one of the very handiest things a scope can do for you is display a trapezoid pattern that shows the linearity of the amp. The Kenwood SM-220 does that very nicely, but for some unfathomable reason when Kenwood came out with the SM-230 they completely removed that capability. Very bizarre design decision on their part.

I have two TS-950SDXs, both used with amps (a TL-922A and an SB-220) and use the SM-230 with one and an SM-220 with the other. If I were in your position, and especially if you have any anticipation of ever buying an amp, I would get an SM-220 with BS-8 (NOT BS-5) panadapter for an average of $250-$300 rather than an SM-230 at easily double that.

Note that you can not do the trapezoid pattern with a general-purpose oscilloscope, without some external adapter modules (that are easy to build). The SM-220, and most other so-called "monitor scopes", have those external adapter modules built in.

73 and welcome to ham radio.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

13431. Re: Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 16:58:05 UTC
From: yg@...
Topic: 13414 Message: 13431

WA7PRC >> I highly recommend the InRad roofing filter.

Good morning, Bryan.

Trouble with the roofing filter is that it completely disables the ability to use the TS-850/950 with any kind of bandscope / panadapter. So if you have any thoughts about using the bandscope function of, say, an SM-230 or SM-220 with BS-8, don't use the roofing filter.

I bought a TS-950SDX with roofing filter and removed the filter after the first time I tried to use my SM-230's bandscope function.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

13432. Re: [TS-850_450_690] Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 18:18:32 UTC
From: ik8vze
Topic: 13428 Message: 13432

station monitor SM 230 with the TS 850, works well I can tell you why I use this type of system and coupling, all the functions of the second receiver provided on the 950 will be precluded but you can make some changes that are in the network, was created to the tS-950 but if you look at your 850 on the back if you have outputs with jack, you can pair it quietly on the tS 73 850
de ik8vze & ac2lc Espedito

----- Original Message -----
From: spagnel@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 12, 2015 5:07 PM
Subject: [TS-850_450_690] Station Monitor SM-230

I am new to ham radio and have bought a very nice TS-850S, one thing I keep hearing and reading about is the best piece of station equipment to have is an oscilloscope. I have been looking on line and I can get a very nice one for under $250. So I guess the question is to buy a used oscilloscope or a Kenwood SM-230 to go with my TS850, most SM230 are $500 plus is it worth the cost and does anyone use one?

Steve Paganelli

KK6YUA

13433. Re: [TS-850_450_690] Re: Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 17:22:53 UTC
From: Steven KA9MOT
Topic: 13428 Message: 13433

The RTL SDR Dongles won't work with the TS-850. The IF out on the back of the rig is at 8.83 MHz. The dongles RX from 24 MHz to 1.7 GHz.
You could add an upconverter, but even then, the 8.83 IF output only has a bandwidth of less than 3 kHz (2.4 I think, but my memory is soft on this one).

I did attempt to tap the First IF inside the rig and was successful, but the results were depressing as the cable picked up a ton of noise from something in the rig.

The same noise was present in the TS-450 as well.

I never figured out how to solve the noise issue.

Steve KA9MOT

"One man with courage makes a majority." ~ Andrew Jackson
On Dec 12, 2015 11:12 AM, "yg@internetsmallfry.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

>
>

> Good morning, Steve.
>
> In general, I regret buying my SM-230, although it's very nice looking,
> matches up very well with my TS-950SDX, and includes a very useful
> bandscope function.
>
> If ever you have a plan to add a linear amplifier to your setup, one of
> the very handiest things a scope can do for you is display a trapezoid
> pattern that shows the linearity of the amp. The Kenwood SM-220 does that
> very nicely, but for some unfathomable reason when Kenwood came out with
> the SM-230 they completely removed that capability. Very bizarre design
> decision on their part.
>
> I have two TS-950SDXs, both used with amps (a TL-922A and an SB-220) and
> use the SM-230 with one and an SM-220 with the other. If I were in your
> position, and especially if you have any anticipation of ever buying an
> amp, I would get an SM-220 with BS-8 (NOT BS-5) panadapter for an average
> of $250-$300 rather than an SM-230 at easily double that.
>
> Note that you can not do the trapezoid pattern with a general-purpose
> oscilloscope, without some external adapter modules (that are easy to
> build). The SM-220, and most other so-called "monitor scopes", have those
> external adapter modules built in.
>

> 73 and welcome to ham radio.
>
> Rick WA1RKT
> Londonderry, NH
> Catch me on 14.300 MHz Intercon / MMSN most days
>
>

13434. Re: [TS-850_450_690] Re: Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 18:42:17 UTC
From: ik8vze
Topic: 13428 Message: 13434

personally use a standard audio cable with dual jack, the sounds that you hear or see on the monitor they depend more! anyway if you can help on my cable if it is long enough and folded with nylon ties to prevent disturbances of ferrites I tried but to no avail of this type of coupling, let's be clear is a solution to have on tS-850 a good band scope without buying new radios sophisticated and expensive, but i can guarantee that it works well, spacing: + 25-100-250 - khz attenuators switched off on 230 sm, i repeat, is a paliativo to non billionaire seen prices of new radio today! Plug the 950sdx do not need as the TS 850 does not have the subricevitore secondary (although I have it) or you can find a 950 sdx and solve! 73 to list
ik8vze & ac2lc Espedito
----- Original Message -----
From: Steven KA9MOT ka9mot@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 12, 2015 6:22 PM
Subject: Re: [TS-850_450_690] Re: Station Monitor SM-230

The RTL SDR Dongles won't work with the TS-850. The IF out on the back of the rig is at 8.83 MHz. The dongles RX from 24 MHz to 1.7 GHz.
You could add an upconverter, but even then, the 8.83 IF output only has a bandwidth of less than 3 kHzÂ (2.4 I think, but my memory is soft on this one).

I did attempt to tap the First IF inside the rig and was successful,Â but the results were depressing as the cable picked up a ton of noise from something in the rig.

The same noise was present in the TS-450 as well.

I never figured out how to solve the noise issue.

Steve KA9MOT

"One man with courage makes a majority." ~Â Andrew Jackson

On Dec 12, 2015 11:12 AM, "yg@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Â
Good morning, Steve.

In general, I regret buying my SM-230, although it's very nice looking, matches up very well with my TS-950SDX, and includes a very useful bandscope function.

If ever you have a plan to add a linear amplifier to your setup, one of the very handiest things a scope can do for you is display a trapezoid pattern that shows the linearity of the amp.Â The Kenwood SM-220 does that very nicely, but for some unfathomable reason when Kenwood came out with the SM-230 they completely removed that capability.Â Very bizarre design decision on their part.

I have two TS-950SDXs, both used with amps (a TL-922A and an SB-220) and use the SM-230 with one and an SM-220 with the other.Â If I were in your position, and especially if you have any anticipation of ever buying an amp, I would get an SM-220 with BS-8 (NOT BS-5) panadapter for an average of $250-$300 rather than an SM-230 at easily double that.

Note that you can not do the trapezoid pattern with a general-purpose oscilloscope, without some external adapter modules (that are easy to build).Â The SM-220, and most other so-called "monitor scopes", have those external adapter modules built in.

73 and welcome to ham radio.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

13435. Re: [TS-850_450_690] Re: Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 18:51:30 UTC
From: Jordan Arndt
Topic: 13428 Message: 13435

Once again, the LP-Pan connects directly to the 850S IF output and provides I/Q signals through a good quality sound card to PowerSDR software....that combo can't be beat...check out some of the video on Youtube...

73...Jordan VE6ZT

----- Original Message -----
From: 'ik8vze' ik8vze@tiscali.it [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 12, 2015 11:42 AM
Subject: Re: [TS-850_450_690] Re: Station Monitor SM-230

personally use a standard audio cable with dual jack, the sounds that you hear or see on the monitor they depend more! anyway if you can help on my cable if it is long enough and folded with nylon ties to prevent disturbances of ferrites I tried but to no avail of this type of coupling, let's be clear is a solution to have on tS-850 a good band scope without buying new radios sophisticated and expensive, but i can guarantee that it works well, spacing: + 25-100-250 - khz attenuators switched off on 230 sm, i repeat, is a paliativo to non billionaire seen prices of new radio today! Plug the 950sdx do not need as the TS 850 does not have the subricevitore secondary (although I have it) or you can find a 950 sdx and solve! 73 to list
ik8vze & ac2lc Espedito
----- Original Message -----
From: Steven KA9MOT ka9mot@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, December 12, 2015 6:22 PM
Subject: Re: [TS-850_450_690] Re: Station Monitor SM-230

The RTL SDR Dongles won't work with the TS-850. The IF out on the back of the rig is at 8.83 MHz. The dongles RX from 24 MHz to 1.7 GHz.
You could add an upconverter, but even then, the 8.83 IF output only has a bandwidth of less than 3 kHzÂ (2.4 I think, but my memory is soft on this one).

I did attempt to tap the First IF inside the rig and was successful,Â but the results were depressing as the cable picked up a ton of noise from something in the rig.

The same noise was present in the TS-450 as well.

I never figured out how to solve the noise issue.

Steve KA9MOT

"One man with courage makes a majority." ~Â Andrew Jackson

On Dec 12, 2015 11:12 AM, "yg@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Â
Good morning, Steve.

In general, I regret buying my SM-230, although it's very nice looking, matches up very well with my TS-950SDX, and includes a very useful bandscope function.

If ever you have a plan to add a linear amplifier to your setup, one of the very handiest things a scope can do for you is display a trapezoid pattern that shows the linearity of the amp.Â The Kenwood SM-220 does that very nicely, but for some unfathomable reason when Kenwood came out with the SM-230 they completely removed that capability.Â Very bizarre design decision on their part.

I have two TS-950SDXs, both used with amps (a TL-922A and an SB-220) and use the SM-230 with one and an SM-220 with the other.Â If I were in your position, and especially if you have any anticipation of ever buying an amp, I would get an SM-220 with BS-8 (NOT BS-5) panadapter for an average of $250-$300 rather than an SM-230 at easily double that.

Note that you can not do the trapezoid pattern with a general-purpose oscilloscope, without some external adapter modules (that are easy to build).Â The SM-220, and most other so-called "monitor scopes", have those external adapter modules built in.

73 and welcome to ham radio.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

13436. Re: [TS-850_450_690] Re: Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-12 20:42:21 UTC
From: myyahoo@...
Topic: 13428 Message: 13436

"I did attempt to tap the First IF inside the rig and was successful, but the results were depressing as the cable picked up a ton of noise from something in the rig.
The same noise was present in the TS-450 as well.
I never figured out how to solve the noise issue."
Steve KA9MOT

I would try buffering the signal at the source with a small amplifier, then run a well-shielded cable from the amp to the RTL dongle.

The amplifier should also help prevent the dongle from loading down the IF signal.

I've thought of doing this myself on a different rig (IC-740).

- Richard, VE7CVS

13437. Re: [TS-850_450_690] Station Monitor SM-230

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-13 16:39:43 UTC
From: spagnel@...
Topic: 13428 Message: 13437

Thank you for the info, I was not looking for all Kenwood but the function, so I will be looking at the other options. I have found and ordered the book, oscilloscopes for radio amateurs, to give me the proper info. I will also be looking at the other options you suggested.
Thank you
KK6YUA

13438. Re: [TS-850_450_690] Filters for the TS-850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-13 16:57:27 UTC
From: Bryan Swadener
Topic: 13414 Message: 13438

Rick,

I can't speak for other rigs but, in the case of my TS850S rigs, an aftermarket roofing filter does NOT limit what a bandscope (nee Panoramic Display Adapter or panadapter) can see. Referring to the block diagram on page 187 of the Service Manual, the '850 has TWO second mixers. The first one is in the signal path, and any bandwidth is affected by the 73.05 MHz roofing filter (either the OEM Kenwood filter or the OEM Kenwood filter + aftermarket InRad filter). The "2nd second mixer" (called the NB Mixer) picks the signal AHEAD of the roofing filter. Thus, the bandwidth is limited only by the bandpass filter on the RX frontend. Referring to the schematic (page 121), you'll see the wideband 8.83 MHz signal passed to the noise blanker circuitry as well as the IF OUT jack. The "2nd second mixer" is Q15 (3SK13). It is driven by Q14 (2SC2714) from the secondary of L59 which is BEFORE the roofing filter (XF1). The wideband output from Q15 passes thru L64 & L65, and winds-up at the IF OUT jack.

At that point, I have connected my Heath SB620 'Scanalyzer' and Advantest R4131B spectrum analyzer, and can sweep as wide as several hundred KHz. I could connect my Kenwood SM220 w/ BS8 but haven't bothered (Kenwood tried to do too much and didn't to it well).

vy 73 es gl,
Bryan WA7PRC

Subject: Re: Filters for the TS-850
>From: Rick WA1RKT
>Date: Sat Dec 12, 2015
>
>WA7PRC >> I highly recommend the InRad roofing filter.
>
>Good morning, Bryan.
>
>Trouble with the roofing filter is that it completely disables the ability to use the TS-850/950 with any kind of bandscope / panadapter. So if you have any thoughts about using the bandscope function of, say, an SM-230 or SM-220 with BS-8, don't use the roofing filter.
>
>I bought a TS-950SDX with roofing filter and removed the filter after the first time I tried to use my SM-230's bandscope function.
>
>Rick WA1RKT
>

13439. TCXO - S02 and the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-21 00:00:41 UTC
From: rzacharkow@...
Topic: 13439 Message: 13439

Not having a TCXO S02 installed in my TS-450...I'd like to be advised what the benefit is to using one (as it tends to be an option on Kenwood - even the 590g as opposed to other brands) and why I might seek to put one in the 450.

Thanks de N1NIJ RickZ

13440. Re: [TS-850_450_690] TCXO - S02 and the TS-450

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-21 04:40:55 UTC
From: John Wagner
Topic: 13439 Message: 13440

I just traded my 440 for a 450 which seems to be recommend by many MARS members for use on some of the newer and more advanced data modes, like T110A, etc. Some of these modes almost require the stability that a TCXO would give. Of course, as you know, most newer transceivers come with TCXO's. I ordered one on line for $30 new from China (of course). They advertised as the same as the Kenwood S02. Will see when I get it. It will be interesting the replies you receive on your post. So far I do like the 450 over the 440 (which served me very well for over 25 years.
73's WA8CKT, John

From: "rzacharkow@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, December 20, 2015 7:00 PM
Subject: [TS-850_450_690] TCXO - S02 and the TS-450

  Not having a TCXO S02 installed in my TS-450...I'd like to be advised what the benefit is to using one (as it tends to be an option on Kenwood - even the 590g as opposed to other brands) and why I might seek to put one in the 450.
Thanks de N1NIJ RickZ

13441. Fwd: Happy Christmas and New Year

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-24 16:55:42 UTC
From: Paul Spiteri
Topic: 13441 Message: 13441

Wishing you and all your family a Happy Christmas and happy New Year
full of Health , JOy and happiness.

From

Paul 9H1SP
and Family

[Non-text portions of this message have been removed]

13442. Sticky knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-25 15:50:24 UTC
From: d.noecker@...
Topic: 13442 Message: 13442

I have some of the knobs on my 850 that are a bit hard to turn. Is there a good spray to clean and lube them? I appreciate anyones thoughts.
Dan KJ6OXC

13443. Re: [TS-850_450_690] Sticky knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-25 19:55:40 UTC
From: Dave ve3wej
Topic: 13442 Message: 13443

depends on which knob is sticky. taking the knobs off and cleaning in
mild soap is ok, the vfo knob has a set screw, but also can be adjusted for
tension, perhaps it is tight????, hold the outer ring while turning knob.
it should loosen

Dave Garber
VE3WEJ / VE3IE

On Fri, Dec 25, 2015 at 10:50 AM, d.noecker@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I have some of the knobs on my 850 that are a bit hard to turn. Is there a
> good spray to clean and lube them? I appreciate anyones thoughts.
> Dan KJ6OXC
>
>
>
>

13444. Re: Sticky knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-26 02:59:35 UTC
From: zclobes@...
Topic: 13442 Message: 13444

Are you sure they're gummed up, or could they be bent?

Zack

13445. Re: Sticky knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-26 17:51:13 UTC
From: willcoele@...
Topic: 13442 Message: 13445

The grease that was applied during manufacturing is drying up. It can get to point where it can seize the control. To fix the problem, I use 3-in-One silicone oil. I remove the knobs and place the transceiver on its back. While turning the control, I place drops on the inner and outer shafts until it's free. To wipe up the excess oil, it's a good idea to have a paper towel handy.

13446. TS-870 For Sale

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2015-12-29 05:40:25 UTC
From: Crownhaven
Topic: 13446 Message: 13446

I have one of two TS-870s for sale. SN 21000009. I think it is in great condition. No scratches on case. Face looks excellent with some very slight fading of lettering on LSB/USB and CW buttons, the ones used the most. It does not have the extension feet on the front of the radio. I have tried to find a set but have been unsuccessful. I'm not sure if it has the TXCO, SO-2 in it. Will check. I have had absolutely no issues with this radio. I haven't priced it yet. If you might be interested, I can send you some pics and we can start a dialog. I figured I would start here since I would like it to find a nice home with someone who appreciates it.

I rarely sell any of my radios but I have too many and would like to pick up another TS-590. Right now, I have a 590 on the right side of my operating position and the 870 on the left. It is one of my favorite radios both in appearance, performance and ergonomics. It certainly isn't a 590 but it is a very smooth sounding rig and the reports on my audio are always good, typical of a Kenwood.

If you're interested in talking, let me know.

Happy New Year!

Steve, N4JQQ

13447. Re: Sticky knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-01-04 21:21:54 UTC
From: d.noecker@...
Topic: 13442 Message: 13447

You are exactly correct. When I said I has sticky knobs, I ment they were hard to turn. I used the silicone lube and most are much better now although I still have one that is stubborn. It is the notch knob on the upper right side. The outer knob is ok, but the inner part is hard to turn. Thanks for the advice.
73's Dan KJ6OXC

13448. Re: [TS-850_450_690] Re: Sticky knobs

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-01-05 18:25:42 UTC
From: Alan Riley
Topic: 13442 Message: 13448

Dan, the inner shaft of the control may have been bent dut to a bump to the NOTCH knob.

I had a MIC knob that was very hard to turn due to a bent shaft on a TS-850 that I bought on eBay. I could never get it straightened to where the MIC knob would turn easily. I wound up having to replace the MIC/PWR- PROC/MON assembly.

73,
Alan, KD5R

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Monday, January 04, 2016 3:21 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Sticky knobs

You are exactly correct. When I said I has sticky knobs, I ment they were hard to turn. I used the silicone lube and most are much better now although I still have one that is stubborn. It is the notch knob on the upper right side. The outer knob is ok, but the inner part is hard to turn. Thanks for the advice.
73's Dan KJ6OXC

13449. Auto Tuners

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-01-08 00:31:01 UTC
From: WB4CIW@...
Topic: 13449 Message: 13449

Is the Auto Tuner in the 850sat identical to the one in the 870, in other words can I swap them out?
Thanks,
Frank
wb4ciw

13450. ForSale: Icom ic 756 pro3/ Flex 6300/ Elecraft KX3..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-04 09:05:18 UTC
From: glennj.donofri@...
Topic: 13450 Message: 13450

I am moving into a smaller apartment, so these rigs have to go.

Icom IC pro 756 III : $1,250
Icom IC 7800 : $5,000

Flex 6300 : $1,900
Acom 1000 : $1,500

Elecraft k3/p3: $2,200
Elecraft KX3: $1,050

Yaesu FTDX 5000mp : $3,800
Icom IC 7000: $700
Icom DSP 775: $1000

Buyer pays shipping.

Email : ka2ssx@gmail.com
GLENN J DONOFRI
KA2SSX

]]\

13451. Re: [TS-850_450_690] ForSale: Icom ic 756 pro3/ Flex 6300/ Elecraft KX3..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-04 17:43:05 UTC
From: Zack Widup
Topic: 13450 Message: 13451

This is a scam! It's been reported on another group that the real KA2SSX has been contacted and he has nothing for sale and doesn't even own this equipment.

73, Zack W9SZ

On Thu, Feb 4, 2016 at 3:05 AM, glennj.donofri@yahoo.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I am moving into a smaller apartment, so these rigs have to go.
>
> Icom IC pro 756 III : $1,250
> Icom IC 7800 : $5,000
>
> Flex 6300 : $1,900
> Acom 1000 : $1,500
>
> Elecraft k3/p3: $2,200
> Elecraft KX3: $1,050
>
> Yaesu FTDX 5000mp : $3,800
> Icom IC 7000: $700
> Icom DSP 775: $1000
>
> Buyer pays shipping.
>
> Email : ka2ssx@...
> GLENN J DONOFRI
> KA2SSX
>
>]]\
>
>
>
>

<https://www.avast.com/sig-email> This email has been sent from a virus-free computer protected by Avast.
www.avast.com <https://www.avast.com/sig-email>
<#DDB4FAA8-2DD7-40BB-A1B8-4E2AA1F9FDF2>

13452. Re: [TS-850_450_690] ForSale: Icom ic 756 pro3/ Flex 6300/ Elecraft KX3..

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-04 18:00:46 UTC
From: John tf
Topic: 13450 Message: 13452

That was my 1st thought

John
KD0CAC

On Thu, Feb 4, 2016 at 11:43 AM, Zack Widup w9sz.zack@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> This is a scam! It's been reported on another group that the real KA2SSX
> has been contacted and he has nothing for sale and doesn't even own this
> equipment.
>
> 73, Zack W9SZ
>
>
> On Thu, Feb 4, 2016 at 3:05 AM, glennj.donofri@... [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I am moving into a smaller apartment, so these rigs have to go.
>>
>> Icom IC pro 756 III : $1,250
>> Icom IC 7800 : $5,000
>>
>> Flex 6300 : $1,900
>> Acom 1000 : $1,500
>>
>> Elecraft k3/p3: $2,200
>> Elecraft KX3: $1,050
>>
>> Yaesu FTDX 5000mp : $3,800
>> Icom IC 7000: $700
>> Icom DSP 775: $1000
>>
>> Buyer pays shipping.
>>
>> Email : ka2ssx@...
>> GLENN J DONOFRI
>> KA2SSX
>>
>>]]\

>>
>>
>>
> <https://www.avast.com/sig-email> This email has been sent from a
> virus-free computer protected by Avast.
> www.avast.com <https://www.avast.com/sig-email>
> <#-1180280468_DDB4FAA8-2DD7-40BB-A1B8-4E2AA1F9FDF2>
>
>
>

13454. TS-450SAT: SWR Jumping high on 20M with tuner enabled and dummy load

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-09 08:17:39 UTC
From: hkzlabnet@...
Topic: 13454 Message: 13454

Hello everyone!
I'm a newly licensed Italian Ham (IU4GBM) and I recently recovered a Kenwood TS-450SAT to use as my first HF rig. The TRX shows a weird problem though and I got here trying to find a solution or some hints to help me identify the cause.

The problem is that I frequently get my SWR jumping high (2:1) erratically while the tuner is enabled (and, obviously, tuned) on the 20M band (and only on that one!).
This happens while connected to a dummy load too.

Some details:
1) I can tune a 50ohm dummy fine on all supported bands: the automatic tuning always complete succesfully and gets me down to around 1.1:1.
2) On all bands (except 20M, where the problem shows) I can put quite a bit of power inside the load and the SWR always remains under 1.1:1 (with AND without tuner enabled)
3) On 20M, if I transmit WITHOUT tuner enabled, I have no problems (tested 50W max, as my dummy load is rated for that)
4) On 20M, if I transmit WITH tuner enabled (and tuned) and stay under 10W, I have no problems (the SWR remains at 1.1:1)
5) On 20M, with tuner ENABLED and power above 15W, I begin to see the SWR jumping around after a few seconds. It gets worse if I crank the power up.

Sometimes it remains stable to 1.1:1 for around 30 seconds of continuous transmit (tested on FM and CW key down), sometimes the problem shows up immediately.
6) I have a spare tuner, swapped it and the problem shows up in the same way.
7) Checked K104 relay on the tuner, no evident problems (pulled it and checked resistance while contacts closed: <50 milli-OHM). Replaced it anyway and no difference: the problem persists.
8) Apparently, the problem disappears as soon as I go above 14.500Mhz (see video at link below, tested on a dummy load).

I took a short video to show the problem (those who suffer motion sickness, beware!)
https://youtu.be/kPMHgN8D224 https://youtu.be/kPMHgN8D224

Any idea on what could be causing such a specific problem? Only on 20M and with tuner enabled?
I can also add that I made contacts all around Europe and Israel with good reports using the rig on 20M and 40M with 10W power.

73
Fabio Battaglia IU4GBM

13455. Re: TS-450SAT: SWR Jumping high on 20M with tuner enabled and dummy load

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 05:01:51 UTC
From: wb4kdi@...
Topic: 13454 Message: 13455

The Final transistors are oscillating.

Help! I Just Got a TS-450/690. http://www.qsl.net/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

http://www.qsl.net/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html

Help! I Just Got a TS-450/690. http://www.qsl.net/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html
C123 C123 + new 100 ohm resistor new 6.8K ohm resistor across R148 6.8K Optical illusion, the resistor lead clears that adjacent pad. Schematic

View on www.qsl.net http://www.qsl.net/wb4kdi/Kenwood/TS-450S/TS-450_HELP.html
Preview by Yahoo

13456. Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 05:09:58 UTC
From: bobbylambert@...
Topic: 13456 Message: 13456

Hi all,
I've been a ham for less than a year and I'm trying to set up for digital. Not having any luck so far. The waterfall is scrolling but it picks up noise from the room. Also nothing happens when I click the TX button in fldigi.

Anyone running this setup want to help a newbie?
Thanks!

13457. Running Signalink USB and Fldigi with TS850 and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 05:49:13 UTC
From: bobbylambert@...
Topic: 13457 Message: 13457

Hoping someone could help a newbie out getting into digital. I can't get it to work.
Thanks!
Bobby
KG5HGQ

13458. Re: TS-450SAT: SWR Jumping high on 20M with tuner enabled and dummy load

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 07:19:30 UTC
From: iu4gbm@...
Topic: 13454 Message: 13458

Most interesting, thank you!

I should have some spare 220pF NP0 MLCC axial caps. 100V max though, do you think this value is safe enough for the application specified in the link you posted?
I'll look around for the 100nF one too.

If they are good enough, I'll probably be able to perform the fix this weekend or the next.

13459. Re: [Bulk] [TS-850_450_690] Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 16:15:17 UTC
From: Tom Osborne
Topic: 13456 Message: 13459

We need more information than that.

What kind of TU?
Are you running AFSK or FSK?
If running FSK, do you have the 13-poin cable?
How are you interfacing fldigi to your radio?

I run FSK RTTY here with a couple of TS-450's. I use the freeware
program, MMTTY for RTTY ahd Ham Radio Deluxe for some of the outher modes.
The interfaces I use are the RASCAL's from Buxcom (Goole that for info).

Here is a link to the fldigi manual if you need it.

http://www.w1hkj.com/FldigiHelp-3.21/html/rtty_fsk_configuration_page.html
73
Tom W7WHY

On Tue, Feb 9, 2016 at 9:09 PM, bobbylambert@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi all,
>
> I've been a ham for less than a year and I'm trying to set up for digital.
> Not having any luck so far. The waterfall is scrolling but it picks up
> noise from the room. Also nothing happens when I click the TX button in
> fldigi.
>
> Anyone running this setup want to help a newbie?
> Thanks!
>
>
>
>

13460. Re: [TS-850_450_690] Running Signalink USB and Fldigi with TS850 and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 07:12:23 UTC
From: WB4CIW@...
Topic: 13457 Message: 13460

Hi Bobby,
I'm running the RigBlaser Advantage with Fldigi. I think that they are basically the same and
might be able to help you. Write me at my email address _wb4ciw@..._ (mailto:wb4ciw@...) if you like.
73
Frank
wb4ciw

In a message dated 09-Feb-16 22:57:56 Mountain Standard Time, TS-850_450_690@yahoogroups.com writes:

Hoping someone could help a newbie out getting into digital. I can't get it to work.
Thanks!
Bobby
KG5HGQ

13461. Re: [Bulk] [TS-850_450_690] Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-10 16:19:48 UTC
From: Steven KA9MOT
Topic: 13456 Message: 13461

Unplug your computer's microphone. You're using the wrong input.

Steve KA9MOT
On Feb 10, 2016 10:16 AM, "Tom Osborne w7why@... [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com> wrote:

>
>
> We need more information than that.
>
> What kind of TU?
> Are you running AFSK or FSK?
> If running FSK, do you have the 13-poin cable?
> How are you interfacing fldigi to your radio?
>
> I run FSK RTTY here with a couple of TS-450's. I use the freeware
> program, MMTTY for RTTY ahd Ham Radio Deluxe for some of the outher modes.
> The interfaces I use are the RASCAL's from Buxcom (Goole that for info).
>
> Here is a link to the fldigi manual if you need it.
>
> http://www.w1hkj.com/FldigiHelp-3.21/html/rtty_fsk_configuration_page.html
> 73
> Tom W7WHY
>
>
> On Tue, Feb 9, 2016 at 9:09 PM, bobbylambert@bellsouth.net
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> Hi all,
>>
>> I've been a ham for less than a year and I'm trying to set up for
>> digital. Not having any luck so far. The waterfall is scrolling but it
>> picks up noise from the room. Also nothing happens when I click the TX
>> button in fldigi.
>>
>> Anyone running this setup want to help a newbie?
>> Thanks!
>>
>>
>>
>

>

13462. Re: [TS-850_450_690] Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-11 02:50:15 UTC
From: Dave ve3wej
Topic: 13456 Message: 13462

sounds like you webcam microphone is active, instead of the usb sound
port. check your setup again

Dave Garber
VE3WEJ / VE3IE

On Wed, Feb 10, 2016 at 12:09 AM, bobbylambert@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi all,
>
> I've been a ham for less than a year and I'm trying to set up for digital.
> Not having any luck so far. The waterfall is scrolling but it picks up
> noise from the room. Also nothing happens when I click the TX button in
> fldigi.
>
> Anyone running this setup want to help a newbie?
> Thanks!
>
>
>
>

13463. Re: [TS-850_450_690] Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-11 21:05:57 UTC
From: John Wagner
Topic: 13456 Message: 13463

Surprising but I had the same symptoms when I upgraded from Win 7 to Win 10. Took me three weeks to figure out it was using my webcam USB port not the SignaLinkUSB port as I had thought. I just disabled the audio to the webcam and it all worked as it should.John, WA8CKT

From: "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 10, 2016 9:50 PM
Subject: Re: [TS-850_450_690] Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

sounds like you webcam microphone is active, instead of the usb sound port. check your setup again

Dave GarberVE3WEJ / VE3IE
On Wed, Feb 10, 2016 at 12:09 AM, bobbylambert@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Hi all,I've been a ham for less than a year and I'm trying to set up for digital. Not having any luck so far. The waterfall is scrolling but it picks up noise from the room. Also nothing happens when I click the TX button in fldigi.
Anyone running this setup want to help a newbie?Thanks!

13464. Re: Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-12 04:59:12 UTC
From: bobbylambert@...
Topic: 13456 Message: 13464

Ok, I disabled the computer microphone all together. Quit picking up room noises, but wouldn't show anything received or ppt light on signalink wouldn't light up on transmit. I can see the signals going down the waterfall. double checked jumper settings on internet and I had some wrong. Placed jumpers as signalink website exactly as showed for TS850. Tried again after doing whole setup again but made signalink sound card my default speakers and put windows sounds to none. Configured fldigi with signalink sound and microphone. Still showing signals on the waterfall but nothing typing out on receive screen and still doesn't light the signalink ptt light when I hit tune or tx.

I really appreciate everyone advice. I started my 7 nights of work in the ER tonight so I'll try some more when I work out next week.

Thanks!
Bobby
KG5HGQ

13465. Re: [TS-850_450_690] Re: Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-12 10:50:55 UTC
From: Dave ve3wej
Topic: 13456 Message: 13465

oh I forgot , does it work with other software???

hamscope, airlink express, HRD

Dave Garber
VE3WEJ / VE3IE

On Fri, Feb 12, 2016 at 5:49 AM, Dave ve3wej <ve3wej@...> wrote:

> You say you are seeing signals on the waterfall, but is it decoding???
> transmit reuires VOX input to be high enough output from computer sound..
> make sure the volume slider is up all the way (to start with) for the usb
> device. is you device wired to the 13 pin (acc2) or the mike jack... mike
> gain on radio high enough..
>
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Thu, Feb 11, 2016 at 11:59 PM, bobbylambert@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> Ok, I disabled the computer microphone all together. Quit picking up room
>> noises, but wouldn't show anything received or ppt light on signalink
>> wouldn't light up on transmit. I can see the signals going down the
>> waterfall. double checked jumper settings on internet and I had some wrong.
>> Placed jumpers as signalink website exactly as showed for TS850. Tried
>> again after doing whole setup again but made signalink sound card my
>> default speakers and put windows sounds to none. Configured fldigi with
>> signalink sound and microphone. Still showing signals on the waterfall but
>> nothing typing out on receive screen and still doesn't light the signalink
>> ptt light when I hit tune or tx.
>>
>>
>>
>> I really appreciate everyone advice. I started my 7 nights of work in the
>> ER tonight so I'll try some more when I work out next week.
>>
>>
>> Thanks!
>>
>> Bobby

>>
>> KG5HGQ
>>
>>
>>
>
>

13466. Re: [TS-850_450_690] Re: Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-12 10:49:45 UTC
From: Dave ve3wej
Topic: 13456 Message: 13466

You say you are seeing signals on the waterfall, but is it decoding???
transmit reuires VOX input to be high enough output from computer sound..
make sure the volume slider is up all the way (to start with) for the usb
device. is you device wired to the 13 pin (acc2) or the mike jack... mike
gain on radio high enough..

Dave Garber
VE3WEJ / VE3IE

On Thu, Feb 11, 2016 at 11:59 PM, bobbylambert@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Ok, I disabled the computer microphone all together. Quit picking up room
> noises, but wouldn't show anything received or ppt light on signalink
> wouldn't light up on transmit. I can see the signals going down the
> waterfall. double checked jumper settings on internet and I had some wrong.
> Placed jumpers as signalink website exactly as showed for TS850. Tried
> again after doing whole setup again but made signalink sound card my
> default speakers and put windows sounds to none. Configured fldigi with
> signalink sound and microphone. Still showing signals on the waterfall but
> nothing typing out on receive screen and still doesn't light the signalink
> ptt light when I hit tune or tx.
>
>
>
> I really appreciate everyone advice. I started my 7 nights of work in the
> ER tonight so I'll try some more when I work out next week.
>
>
> Thanks!
>
> Bobby
>

> KG5HGQ
>
>
>

13467. Re: [TS-850_450_690] Re: Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-12 22:09:33 UTC
From: William Eardley
Topic: 13456 Message: 13467

Will not decode if time on cpu is not synced within a couple of seconds. I relearn that mistake everytime I add new computer to the mix. Use a program called "dimension" or something similar to keep cpu clock in sync so it will decode and work. Sorry to jump in..
William Eardley

On Friday, February 12, 2016 10:30 AM, "Dave ve3wej ve3wej@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  You say you are seeing signals on the waterfall, but is it decoding??? transmit reuires VOX input to be high enough output from computer sound.. make sure the volume slider is up all the way (to start with) for the usb device. is you device wired to the 13 pin (acc2) or the mike jack... mike gain on radio high enough..

Dave GarberVE3WEJ / VE3IE
On Thu, Feb 11, 2016 at 11:59 PM, bobbylambert@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  Ok, I disabled the computer microphone all together. Quit picking up room noises, but wouldn't show anything received or ppt light on signalink wouldn't light up on transmit. I can see the signals going down the waterfall. double checked jumper settings on internet and I had some wrong. Placed jumpers as signalink website exactly as showed for TS850. Tried again after doing whole setup again but made signalink sound card my default speakers and put windows sounds to none. Configured fldigi with signalink sound and microphone. Still showing signals on the waterfall but nothing typing out on receive screen and still doesn't light the signalink ptt light when I hit tune or tx. I really appreciate everyone advice. I started my 7 nights of work in the ER tonight so I'll try some more when I work out next week.
Thanks!BobbyKG5HGQ

13468. DDS on 850's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-14 22:05:25 UTC
From: Bob Naylor
Topic: 13468 Message: 13468

Hi all, I have searched and cannot find an answer so does anyone know what is the serial number that began with the newer DDS chips on the 850's?
Thanks, Bob WE6C

13469. Re: [TS-850_450_690] DDS on 850's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-14 23:13:47 UTC
From: <z_miklos1@...>
Topic: 13468 Message: 13469

Hi,
They have changed from YM6631 to YM66312 in 1991, nobody knows the exact month.
2xxxxxx -- will have older DDS chips30xxxxx -- likely to have older DDS chips31xxxxx -- likely to have newer DDS chips4xxxxxx or later -- will have new DDS chips
73 - Zoli

On Sunday, February 14, 2016 11:05 PM, "Bob Naylor wotbob01@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Hi all, I have searched and cannot find an answer so does anyone know what is the serial number that began with the newer DDS chips on the 850's?
Thanks, Bob WE6C

13470. Re: [TS-850_450_690] DDS on 850's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-14 23:28:59 UTC
From: Steven Brunt
Topic: 13468 Message: 13470

I don't h ave a direct answer to your question, but check with N6TR and AVVid Kenwood repair.

Steve , K6AAB

FSteverom: "Bob Naylor wotbob01@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: yahoogroups <TS-850_450_690@yahoogroups.com>
Sent: Sunday, February 14, 2016 2:05 PM
Subject: [TS-850_450_690] DDS on 850's

Hi all, I have searched and cannot find an answer so does anyone know what is the serial number that began with the newer DDS chips on the 850's?
Thanks, Bob WE6C

13471. Re: [TS-850_450_690] DDS on 850's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-15 06:22:04 UTC
From: gsmsupp@yahoo.com
Topic: 13468 Message: 13471

Some website say that serials starting with 1and 2 have old DDS chips so i bought my TS850 SAT with serial starting with 5. After 2 years one of the chips died and no more TX. I found a working DDS board with chips v2 and is working fine since almost 3 years.

73's , Dan
YO6OHD

Sent by Mailwise – Your emails, with style.:)

-------- Original Message --------
From: "Steven Brunt k6aab@yahoo.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
Sent: Monday, February 15, 2016 01:28 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] DDS on 850's

>I don't h ave a direct answer to your question, but check with N6TR and AVVid Kenwood repair.
>   Steve , K6AAB
>
>
> FSteverom: "Bob Naylor wotbob01@yahoo.com [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com>
> To: yahoogroups <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, February 14, 2016 2:05 PM
> Subject: [TS-850_450_690] DDS on 850's
>
> Hi all, I have searched and cannot find an answer so does anyone know what is the serial number that began with the newer DDS chips on the 850's?
>Thanks, Bob WE6C

13472. Re: [TS-850_450_690] DDS on 850's

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-15 17:42:32 UTC
From: Bob Naylor
Topic: 13468 Message: 13472

Thank you Zoli and Steve.73, Bob WE6C

From: "z_miklos1@yahoo.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 14, 2016 3:13 PM
Subject: Re: [TS-850_450_690] DDS on 850's

Hi,
They have changed from YM6631 to YM66312 in 1991, nobody knows the exact month.
2xxxxxx -- will have older DDS chips30xxxxx -- likely to have older DDS chips31xxxxx -- likely to have newer DDS chips4xxxxxx or later -- will have new DDS chips
73 - Zoli

On Sunday, February 14, 2016 11:05 PM, "Bob Naylor wotbob01@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

Hi all, I have searched and cannot find an answer so does anyone know what is the serial number that began with the newer DDS chips on the 850's?
Thanks, Bob WE6C

13473. Re: [TS-850_450_690] Help running Signalink USB and Fldigi on TS850s with a laptop and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-16 16:51:41 UTC
From: Tom Waraksa
Topic: 13456 Message: 13473

Bobby,
Welcome to the hobby. It sounds like your computer settings are not correct. Your computer sound card is connected to the microphone in the computer/laptop and that is why you are seeing room noise on the waterfall. Likewise you fldigi output tones may likely be going to your computer speakers and not the audio output to the radio. I have a TS480SAT and Ham Radio Deluxe for the digital modes so I cannot give you exact directions on how to fix your problem. Just be sure to revisit the instructions on setting up your sound cards input and output.
Good luck.
Tom AF8P

On Wednesday, February 10, 2016 12:57 AM, "bobbylambert@bellsouth.net [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  Hi all,I've been a ham for less than a year and I'm trying to set up for digital. Not having any luck so far. The waterfall is scrolling but it picks up noise from the room. Also nothing happens when I click the TX button in fldigi.
Anyone running this setup want to help a newbie?Thanks!

13474. Re: [TS-850_450_690] Running Signalink USB and Fldigi with TS850 and windows 10

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-16 16:52:59 UTC
From: Tom Waraksa
Topic: 13457 Message: 13474

Bobby,
I am willing to help more. Contact me off line from the group at AF8P@...,
Tom

On Wednesday, February 10, 2016 12:57 AM, "bobbylambert@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  Hoping someone could help a newbie out getting into digital. I can't get it to work.Thanks!BobbyKG5HGQ

13475. Re: TS-850S Display Inverter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-25 16:40:40 UTC
From: z_miklos1@...
Topic: 7558 Message: 13475

The delay is most lokely caused by the lealage of C18. Repair the trace and replace C18.

13476. Re: [TS-850_450_690] Re: TS-850S Display Inverter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-25 16:59:06 UTC
From: ik8vze
Topic: 7558 Message: 13476

same problems dispay light off dark ----------------> C18 shit !!! replace work good all funcion of display
ik8vze & ac2lc espedito
----- Original Message -----
From: z_miklos1@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, February 25, 2016 5:40 PM
Subject: [TS-850_450_690] Re: TS-850S Display Inverter

The delay is most lokely caused by the lealage of C18. Repair the trace and replace C18.

13477. Re: [TS-850_450_690] Re: TS-850S Display Inverter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-02-25 16:52:51 UTC
From: <z_miklos1@...>
Topic: 7558 Message: 13477

Sorry tó dig up an old topic. Please delete my reply.

On Thu, 2/25/16, z_miklos1@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Subject: [TS-850_450_690] Re: TS-850S Display Inverter
To: TS-850_450_690@yahoogroups.com
Date: Thursday, February 25, 2016, 8:40 AM

The delay is most lokely
caused by the lealage of C18. Repair the trace and replace
C18.

13478. The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-02 19:13:06 UTC
From: RockGOP@...
Topic: 13478 Message: 13478

Those of us (many I am afraid) who were licensed in the 70's and 80's remember the interference from the Russian "Duga" radar array, which was to serve the Russian military as an Over-the-horizon radar.

Thereis a very interesting movie documentary that you can download ($12.99 on iTunes) that has received very positive reviews. In it, the conspiracy of a relationship between the Chernobyl nuclear disaster and the Duga array is researched. Lots of closeups of the antenna are filmed - the guy actually went and climbed on the thing just metres from the still-hot reactor site!

Watch http://www.russianwoodpecker.com

Watch http://www.russianwoodpecker.com The Russian Woodpecker is a production of GraciaFilms, Roast Beef Productions, and Rattapallax. Worldwide distribution by FilmBuff.

View on www.russianwoodpecker.com http://www.russianwoodpecker.com
Preview by Yahoo

73!

Paul VE3EEI

13479. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-02 20:22:21 UTC
From: Dave Schmidt
Topic: 13478 Message: 13479

Ahh yes.... the Russian woodpecker. I kind of miss hearing that.... for me, it is the sound of my youth. I was soo intrigued with electronics and radio when I was young, I would go to sleep with the shortwave radio on ....

By chance, does anyone have a sound clip of the Russian woodpecker?

On Wed, Mar 2, 2016 at 1:13 PM, RockGOP@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Those of us (many I am afraid) who were licensed in the 70's and 80's
> remember the interference from the Russian "Duga" radar array, which was to
> serve the Russian military as an Over-the-horizon radar.
>
>
> Thereis a very interesting movie documentary that you can download ($12.99
> on iTunes) that has received very positive reviews. In it, the conspiracy
> of a relationship between the Chernobyl nuclear disaster and the Duga array
> is researched. Lots of closeups of the antenna are filmed - the guy
> actually went and climbed on the thing just metres from the still-hot
> reactor site!
>
> Watch <http://www.russianwoodpecker.com>
> Watch <http://www.russianwoodpecker.com>
> The Russian Woodpecker is a production of GraciaFilms, Roast Beef
> Productions, and Rattapallax. Worldwide distribution by FilmBuff.
> View on www.russianwoodpecker.com <http://www.russianwoodpecker.com>
> Preview by Yahoo
>
> 73!
>
> Paul VE3EEI
>
>
>

--

.´¯`·.¸. ,><((((º>
><((((º>
.´¯`·.¸. , . .·´¯`·.. ><((((º>

13480. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-02 20:32:49 UTC
From: <cparrish104@...>
Topic: 13478 Message: 13480

https://www.youtube.com/watch?v=aOMVdOc9UbE

---- "Dave Schmidt dangit5@gmail.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
wrote:
> Ahh yes.... the Russian woodpecker. I kind of miss hearing that.... for
> me, it is the sound of my youth. I was soo intrigued with electronics and
> radio when I was young, I would go to sleep with the shortwave radio on
> ....
>
>
> By chance, does anyone have a sound clip of the Russian woodpecker?
>
>
> On Wed, Mar 2, 2016 at 1:13 PM, RockGOP@... [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>
> >
> >
> > Those of us (many I am afraid) who were licensed in the 70's and 80's
> > remember the interference from the Russian "Duga" radar array, which was to
> > serve the Russian military as an Over-the-horizon radar.
> >
> >
> > Thereis a very interesting movie documentary that you can download ($12.99
> > on iTunes) that has received very positive reviews. In it, the conspiracy
> > of a relationship between the Chernobyl nuclear disaster and the Duga array
> > is researched. Lots of closeups of the antenna are filmed - the guy
> > actually went and climbed on the thing just metres from the still-hot
> > reactor site!
> >
> > Watch <http://www.russianwoodpecker.com>
> > Watch <http://www.russianwoodpecker.com>
> > The Russian Woodpecker is a production of GraciaFilms, Roast Beef
> > Productions, and Rattapallax. Worldwide distribution by FilmBuff.
> > View on www.russianwoodpecker.com <http://www.russianwoodpecker.com>
> > Preview by Yahoo
> >
> > 73!
> >
> > Paul VE3EEI
> >
> >
> >
>

>
>
>
>
>
> --
>
>
>
>
> .´¯`·.¸. ,><((((º>
> ><((((º>
> .´¯`·.¸. , . .·´¯`·.. ><((((º>

13481. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-02 21:07:52 UTC
From: Dave Schmidt
Topic: 13478 Message: 13481

Oh my gosh.... just how I remembered it. While falling a sleep to mezmoric sound of WWV....

Which leaves me to wonder .... how many of us hams fell asleep wile listening to WWV when we were kids?

On Wed, Mar 2, 2016 at 2:32 PM, cparrish104@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> https://www.youtube.com/watch?v=aOMVdOc9UbE
>
> ---- "Dave Schmidt dangit5@... [TS-850_450_690]" <
> TS-850_450_690@yahoogroups.com> wrote:
> > Ahh yes.... the Russian woodpecker. I kind of miss hearing that.... for
> > me, it is the sound of my youth. I was soo intrigued with electronics and
> > radio when I was young, I would go to sleep with the shortwave radio on
> > ....
> >
> >
> > By chance, does anyone have a sound clip of the Russian woodpecker?
> >
> >
> > On Wed, Mar 2, 2016 at 1:13 PM, RockGOP@... [TS-850_450_690] <
> > TS-850_450_690@yahoogroups.com> wrote:
> >
> >
> >
> > >
> > > Those of us (many I am afraid) who were licensed in the 70's and 80's
> > > remember the interference from the Russian "Duga" radar array, which
> was to
> > > serve the Russian military as an Over-the-horizon radar.
> > >
> > >
> > > Thereis a very interesting movie documentary that you can download
> ($12.99
> > > on iTunes) that has received very positive reviews. In it, the
> conspiracy
> > > of a relationship between the Chernobyl nuclear disaster and the Duga
> array
> > > is researched. Lots of closeups of the antenna are filmed - the guy
> > > actually went and climbed on the thing just metres from the still-hot
> > > reactor site!
> > >

> > > Watch <http://www.russianwoodpecker.com>
> > > Watch <http://www.russianwoodpecker.com>
> > > The Russian Woodpecker is a production of GraciaFilms, Roast Beef
> > > Productions, and Rattapallax. Worldwide distribution by FilmBuff.
> > > View on www.russianwoodpecker.com <http://www.russianwoodpecker.com>
> > > Preview by Yahoo
> > >
> > > 73!
> > >
> > > Paul VE3EEI
> > >
> > >
> > >
> >
> >
> >
> >
> >
> >
> > --
> >
> >
> >

> >
> > .ʻ¯`·.¸. ,><((((º>
> > ><((((º>

> > .ʻ¯`·.¸. , . .·ʻ¯`·.. ><((((º>
>
>
>

--

.ʻ¯`·.¸. ,><((((º>

><((((º>
.ʻ¯`·.¸. , . .·ʻ¯`·.. ><((((º>

13482. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-02 22:46:55 UTC
From: Jordan Arndt
Topic: 13478 Message: 13482

I remember falling asleep and waking up to AFRTS....Remember that...?

73...Jordan VE6ZT

----- Original Message -----
From: Dave Schmidt dangit5@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 02, 2016 2:07 PM
Subject: Re: [TS-850_450_690] The Russian Woodpecker

Oh my gosh.... just how I remembered it. While falling a sleep to mezmoric sound of WWV....

Which leaves me to wonder .... how many of us hams fell asleep wile listening to WWV when we were kids?

On Wed, Mar 2, 2016 at 2:32 PM, cparrish104@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

https://www.youtube.com/watch?v=aOMVdOc9UbE

---- "Dave Schmidt dangit5@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:
> Ahh yes.... the Russian woodpecker. I kind of miss hearing that.... for
> me, it is the sound of my youth. I was soo intrigued with electronics and
> radio when I was young, I would go to sleep with the shortwave radio on
> ....
>
>
> By chance, does anyone have a sound clip of the Russian woodpecker?
>
>
> On Wed, Mar 2, 2016 at 1:13 PM, RockGOP@yahoo.com [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>
>
> >
> >
> > Those of us (many I am afraid) who were licensed in the 70's and 80's
> > remember the interference from the Russian "Duga" radar array, which was to
> > serve the Russian military as an Over-the-horizon radar.
> >
> >
> > Thereis a very interesting movie documentary that you can download ($12.99
> > on iTunes) that has received very positive reviews. In it, the conspiracy
> > of a relationship between the Chernobyl nuclear disaster and the Duga array
> > is researched. Lots of closeups of the antenna are filmed - the guy
> > actually went and climbed on the thing just metres from the still-hot
> > reactor site!

> >
> > Watch <http://www.russianwoodpecker.com>
> > Watch <http://www.russianwoodpecker.com>
> > The Russian Woodpecker is a production of GraciaFilms, Roast Beef
> > Productions, and Rattapallax. Worldwide distribution by FilmBuff.
> > View on www.russianwoodpecker.com <http://www.russianwoodpecker.com>
> > Preview by Yahoo
> >
> > 73!
> >
> > Paul VE3EEI
> >
> >
> >
>
>
>
>
>
>
>
> --
>
>
>
>
> .ʼ¯`·.¸. ,><((((º>
> ><((((º>
> .ʼ¯`·.¸. , . .·ʼ¯`·.. ><((((º>

--

.ʼ¯`·.¸. ,><((((º>

><((((º>

.ʼ¯`·.¸. , . .·ʼ¯`·.. ><((((º>

13483. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-03 09:51:16 UTC
From: Paul Manuel
Topic: 13478 Message: 13483

Guilty!

The Woodpecker sure brings back memories.

73, Paul K4PDM

On Wed, 3/2/16, Dave Schmidt dangit5@gmail.com [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:
Oh my gosh.... just how I remembered it.
While falling a sleep to mezmoric sound of WWV....
Which leaves me to wonder .... how
many of us hams fell asleep wile listening to WWV when we
were kids?

https://www.youtube.com/watch?v=aOMVdOc9UbE

---- "Dave Schmidt dangit5@...
[TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
wrote:

> Ahh yes.... the Russian woodpecker. I kind of miss
hearing that.... for

> me, it is the sound of my youth. I was soo intrigued
with electronics and

> radio when I was young, I would go to sleep with the
shortwave radio on

> ....

>

>

> By chance, does anyone have a sound clip of the Russian
woodpecker?

>

>

> On Wed, Mar 2, 2016 at 1:13 PM, RockGOP@...
[TS-850_450_690] <

> TS-850_450_690@yahoogroups.com>
wrote:

>

>

> >

> >

> > Those of us (many I am afraid) who were licensed in the 70's and 80's

> > remember the interference from the Russian "Duga" radar array, which was to

> > serve the Russian military as an Over-the-horizon radar.

> >

> >

> > Thereis a very interesting movie documentary that you can download ($12.99

> > on iTunes) that has received very positive reviews. In it, the conspiracy

> > of a relationship between the Chernobyl nuclear disaster and the Duga array

> > is researched. Lots of closeups of the antenna are filmed - the guy

> > actually went and climbed on the thing just metres from the still-hot

> > reactor site!

> >

> > Watch <http://www.russianwoodpecker.com>

> > Watch <http://www.russianwoodpecker.com>

> > The Russian Woodpecker is a production of GraciaFilms, Roast Beef

> > Productions, and Rattapallax. Worldwide distribution by FilmBuff.

> > View on www.russianwoodpecker.com <http://www.russianwoodpecker.com>

> > Preview by Yahoo

> >

> > 73!

> >

> > Paul VE3EEI

> >

> >

> >

>

>

>

>

>

>

> --

>

>

>

>

> .´¯`·.¸. ,><((((º>

> ><((((º>

> .´¯`·.¸. , . .·´¯`·.. ><((((º>

--

.´¯`·.¸.
,><((((º>
><((((º>
.´¯`·.¸. , . .·´¯`·..
><((((º>

13484. Re: The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-03 12:36:29 UTC
From: ken
Topic: 13478 Message: 13484

Not missed here in the UK a diabolical source of QRM!

It used to be an absolute S meter needle bender probably used a large percentage of Chernobyl's O/P!

73...

Ken

G3LVP

13485. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-03 21:41:16 UTC
From: ab2et@...
Topic: 13478 Message: 13485

Yes I can
Except when waking the noise was the ground trembling and I was no longer in Kansas but Da Nang!
Steve
AB2ET/4

---In TS-850_450_690@yahoogroups.com, <Outposter30@...> wrote :

☐ I remember falling asleep and waking up to AFRTS....Remember that...?

73...Jordan VE6ZT

13486. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-03 21:43:57 UTC
From: Jordan Arndt
Topic: 13478 Message: 13486

I salute your service and your memory Sir...! The Gillette Cavalcade of Sports and Paul Harvey were a couple of my faves on AFRTS....

73...Jordan VE6ZT

----- Original Message -----
From: ab2et@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 03, 2016 2:41 PM
Subject: Re: [TS-850_450_690] The Russian Woodpecker

Yes I can
Except when waking the noise was the ground trembling and I was no longer in Kansas but Da Nang!

Steve
AB2ET/4

---In TS-850_450_690@yahoogroups.com, <Outposter30@...> wrote :

☐
I remember falling asleep and waking up to AFRTS....Remember that...?

73...Jordan VE6ZT

13487. Re: [TS-850_450_690] The Russian Woodpecker

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-04 01:17:40 UTC
From: Patrick Mcgillan
Topic: 13478 Message: 13487

Ah yes, good ole Da Nang. Was there most of the year of '72.

--
Patrick

On Thu, Mar 3, 2016 at 3:41 PM, ab2et@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Yes I can
> Except when waking the noise was the ground trembling and I was no
> longer in Kansas but Da Nang!

> Steve
> AB2ET/4
>
> ---In TS-850_450_690@yahoogroups.com, <Outposter30@...> wrote :
>
> □
> I remember falling asleep and waking up to AFRTS....Remember that...?
>
> 73...Jordan VE6ZT
>
>
>
>
>

13489. Replacement TS-850S Driver Transistors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-06 08:16:37 UTC
From: dhalbakken.groups@...
Topic: 13488 Message: 13489

Hi,

I'm new to this group, thanks for allowing me to join.

I've been busy the last few days trying to make a TS-850S transmit again. It would not transmit when it was given to me. By going through some of the alignment procedures in the service manual, I've been able to coax about 20 watts out of it on 15 meters, maybe 30 watts on 20 meters, and about 90 watts on 40 and 80.

I suspect at least one of the 2SC2509 driver transistors has gone bad. Looking at the collectors with a scope, the amplitude and waveform is very different between the two. I think they should be equal and opposite.

Before I order some expensive 2SC1945 replacements (which I believe are the most easily obtained of the various suggested replacements), I wonder if anyone here might be able to look at the 2SC5171Q for sale at:

http://www.thepartsplace.k5nwa.com/index.php?route=product/product&path=36_37&product_id=79 http://www.thepartsplace.k5nwa.com/index.php?route=product/product&path=36_37&product_id=79

The 2SC5171Q is not advertised as an RF transistor, but it seems to have specs similar to the other 2SC2509 replacements, and it seems cheap and plentiful. One problem is that the pin-out is B-C-E instead of B-E-C, so an attempt to use it would require a bit of mechanical effort with the leads. Other than that, is there a chance the 2SC5171Q might work? It is even easily available here in Thailand!

Many thanks and 73

Dave HS0ZLG / WA0PND

13490. Re: Replacement TS-850S Driver Transistors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-09 01:38:23 UTC
From: dhalbakken.groups@...
Topic: 13488 Message: 13490

Yesterday I installed some 2SC5171 transistors into my problematic TS-850S. The parts came from my favorite, local semiconductor vendor. I do not know if my parts are representative of what is available from thepartsplace, but mine seem to be original Toshiba parts.

I found that the parts I installed rolled off somewhere between 7 and 14 MHz, so they are unusable. Too bad. It might be that the parts from thepartsplace do not roll off like this.

Anyway, I'm still unsure whether the problem with this radio is actually caused by a bad 2SC2509 driver. The parts I took out seem to check out ok, at least at DC. My DMM measures the hFE on one part at 84 and the other at 88.

So I'm headed back to the workbench to look for a different source of the problem.

Dave HS0ZLG / WA0PND

13491. TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-09 02:47:13 UTC
From: k3mrk1@...
Topic: 13491 Message: 13491

Let me start by saying I have no idea when this started. I've been running mostly digital at low power for a couple of years. The only full power CW I've done is DX pile ups where they usually wont mention your signal quality. about a month ago I made a CW contact at about 60 watts and got a 599C report. So I turned on another receiver and started experimenting. Sure enough, as I approach 25-30 watts a chirp and click start to develop. the higher I go the worse it gets.
So far, here is what I've done. I switched out my regular 35A Astron with a 40A Tripp-lite I had under the desk. No difference. I reran and reconnected my ground. I have about a 25' ground cable going to an 8 ft ground rod. All my equipment goes to a common point in the shack, then 1 wire to the ground rod.
At full power key down I have 13.25 volts at the power supply. 13.8 idle.
I switch the rig over to the dummy load, listened on my receiver, no difference.

Its starting to look like a problem with the rig.
Has anyone run into this problem with this radio?
Thanks
Mark
K3MRK

13492. Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-09 03:51:04 UTC
From: Tom Osborne
Topic: 13491 Message: 13492

Hi Mark

You might check the fuse in your DC line and check the power out at the transmitter end of the cord.

I had that problem once and I checked the fuse and it was OK but it had corroded and wasn't making good contact.

Ts-450's are notorious for chirp if the voltage is low.

On 3/8/2016 6:47 PM, k3mrk1@... [TS-850_450_690] wrote:
>
> Let me start by saying I have no idea when this started. I've been
> running mostly digital at low power for a couple of years. The only
> full power CW I've done is DX pile ups where they usually wont mention
> your signal quality. about a month ago I made a CW contact at about 60
> watts and got a 599C report. So I turned on another receiver and
> started experimenting. Sure enough, as I approach 25-30 watts a chirp
> and click start to develop. the higher I go the worse it gets.
>
> So far, here is what I've done. I switched out my regular 35A Astron
> with a 40A Tripp-lite I had under the desk. No difference. I reran and
> reconnected my ground. I have about a 25' ground cable going to an 8
> ft ground rod. All my equipment goes to a common point in the shack,
> then 1 wire to the ground rod.
>
> At full power key down I have 13.25 volts at the power supply. 13.8 idle.
>
> I switch the rig over to the dummy load, listened on my receiver, no
> difference.
>
>
> Its starting to look like a problem with the rig.
>
> Has anyone run into this problem with this radio?
>
> Thanks
>
> Mark
>
> K3MRK
>
>
>

13493. Re: Replacement TS-850S Driver Transistors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-09 18:26:11 UTC
From: j.carax@...
Topic: 13488 Message: 13493

Hi Dave,

I have had transistors stop working at RF frequencies while they still worked at DC.
I poked around after reading your post. I found several people reporting that the pins of the 2SC2509 are BEC, not BCE. Did you check the layout?
If you have a 10:1 probe and an oscilloscope with enough bandwidth, I would check the stages before the driver. A 1:1 probe has too much capacitance.

Good luck, and 73.

Wilko

13494. Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-10 01:11:17 UTC
From: k3mrk1@...
Topic: 13491 Message: 13494

Tom , you are a genius! I have been a ham for 41 yrs. I've had lots of problems to solve. This one had me stumped after a month of frustration. I never would have thought to pull the fuses. I spent hours scouring the web for ideas to a solution before posting here. This was never mentioned anywhere..
Today I pulled the fuses in the power cord. looked at them, did not see any corrosion. Put them back in. Fired up the 450 and another receiver just to start experimenting again and WALAH!!! Problem gone. CW sig nice and clean all the way to high power. there must have been just a bit of oxidization. they have never been pulled in the 15 yrs I've owned the rig.
I was convinced it was some oddball problem in the rig.
Just when I thought I knew everything ....hi hi.
Thanks again Tom, you saved me from having to buy that new TS-590SG......for now.
73
Mark
K3MRK

13495. Re: [Bulk] Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-10 04:26:19 UTC
From: Tom Osborne
Topic: 13491 Message: 13495

Hey - glad it was something simple :-) 73
Tom W7WHY

On 3/9/2016 5:11 PM, k3mrk1@... [TS-850_450_690] wrote:
>
> Tom , you are a genius!
>
> I have been a ham for 41 yrs. I've had lots of problems to solve. This
> one had me stumped after a month of frustration. I never would have
> thought to pull the fuses. I spent hours scouring the web for ideas to
> a solution before posting here. This was never mentioned anywhere..
> Today I pulled the fuses in the power cord. looked at them, did not
> see any corrosion. Put them back in. Fired up the 450 and another
> receiver just to start experimenting again and WALAH!!! Problem gone.
> CW sig nice and clean all the way to high power. there must have been
> just a bit of oxidization. they have never been pulled in the 15 yrs
> I've owned the rig.
> I was convinced it was some oddball problem in the rig.
> Just when I thought I knew everything ....hi hi.
> Thanks again Tom, you saved me from having to buy that new
> TS-590SG......for now.
> 73
> Mark
> K3MRK

13496. Re: Replacement TS-850S Driver Transistors

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-10 06:43:04 UTC
From: dhalbakken.groups@...
Topic: 13488 Message: 13496

Hi Wilko,

Many thanks for your post. Yes, I still worry that my 2SC2509 drivers might not be working correctly at RF. Your experience confirms that they still might be bad. My scope is a 100 MHz model, and I've been using 10:1 probes, as you suggest. The single transistor stage before these drivers seems to be amplifying correctly, as far as I can tell, on all bands. And I've poked around in the circuits before that, too. Nothing has stood out so far as the root of the problem. When I get the time I'll get back to it.

You're right that the pinout for the Kenwood 2SC2509 is BEC, It shows that in the official service manual, and I confirmed it by following the traces on the circuit board. The datasheet for the 2SC2509 shows a pinout of BCE, so it that tends to be a bit confusing. When I substituted the 2SC5171 drivers, I bent the E and C pins, crossing them over each other before soldering them into place. A bit of teflon tubing served as an insulator on the two pins.

73,

Dave HS0ZLG / WA0PND

13497. Re: [Bulk] Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-10 07:36:40 UTC
From: joel guiheneuf
Topic: 13491 Message: 13497

hello dear freinds

congretulations

best recall
1 fuse and power line and alim not only look at all contacts
many thanks
73qro
f8ezz joel
----- Original Message -----
From: Tom Osborne w7why@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 10, 2016 5:26 AM
Subject: Re: [Bulk] Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Hey - glad it was something simple :-) 73
Tom W7WHY

On 3/9/2016 5:11 PM, k3mrk1@... [TS-850_450_690] wrote:
>
> Tom , you are a genius!
>
> I have been a ham for 41 yrs. I've had lots of problems to solve. This
> one had me stumped after a month of frustration. I never would have
> thought to pull the fuses. I spent hours scouring the web for ideas to
> a solution before posting here. This was never mentioned anywhere..
> Today I pulled the fuses in the power cord. looked at them, did not
> see any corrosion. Put them back in. Fired up the 450 and another
> receiver just to start experimenting again and WALAH!!! Problem gone.
> CW sig nice and clean all the way to high power. there must have been
> just a bit of oxidization. they have never been pulled in the 15 yrs
> I've owned the rig.
> I was convinced it was some oddball problem in the rig.
> Just when I thought I knew everything ....hi hi.
> Thanks again Tom, you saved me from having to buy that new
> TS-590SG......for now.
> 73
> Mark
> K3MRK

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
https://www.avast.com/antivirus

13498. Re: [Bulk] Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-10 15:40:14 UTC
From: Tom Waraksa
Topic: 13491 Message: 13498

The corrosion might be on the fuse sockets if none was on the fuses. Worth a check, now that you are thinking about it.
73,
Tom AF8P

Sent from Yahoo Mail on Android

On Wed, Mar 9, 2016 at 9:26 PM, Tom Osborne w7why@...
[TS-850_450_690]<TS-850_450_690@yahoogroups.com> wrote:
Hey - glad it was something simple :-) 73
Tom W7WHY

On 3/9/2016 5:11 PM, k3mrk1@... [TS-850_450_690] wrote:
>
> Tom , you are a genius!
>
> I have been a ham for 41 yrs. I've had lots of problems to solve. This
> one had me stumped after a month of frustration. I never would have
> thought to pull the fuses. I spent hours scouring the web for ideas to
> a solution before posting here. This was never mentioned anywhere..
> Today I pulled the fuses in the power cord. looked at them, did not
> see any corrosion. Put them back in. Fired up the 450 and another
> receiver just to start experimenting again and WALAH!!! Problem gone.
> CW sig nice and clean all the way to high power. there must have been
> just a bit of oxidization. they have never been pulled in the 15 yrs
> I've owned the rig.
> I was convinced it was some oddball problem in the rig.
> Just when I thought I knew everything ....hi hi.
> Thanks again Tom, you saved me from having to buy that new
> TS-590SG......for now.
> 73
> Mark
> K3MRK

13499. Re: [Bulk] Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-10 17:05:36 UTC
From: Bob Naylor
Topic: 13491 Message: 13499

I've run across voltage drops many times thru the fuses and fuse holders. Some radios are not bothered by it and some just rebel if under 13+ volts regardless of what the manuals say.Bob WE6C

From: "Tom Waraksa tjwaraksa@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 10, 2016 7:40 AM
Subject: Re: [Bulk] Re: [Bulk] [TS-850_450_690] TS-450S CHIRP OVER 20 WATTS

  The corrosion might be on the fuse sockets if none was on the fuses. Worth a check, now that you are thinking about it.
73,
Tom AF8P

Sent from Yahoo Mail on Android

  Hey - glad it was something simple :-) 73
Tom W7WHY

On 3/9/2016 5:11 PM, k3mrk1@... [TS-850_450_690] wrote:
>
> Tom , you are a genius!
>
> I have been a ham for 41 yrs. I've had lots of problems to solve. This
> one had me stumped after a month of frustration. I never would have
> thought to pull the fuses. I spent hours scouring the web for ideas to
> a solution before posting here. This was never mentioned anywhere..
> Today I pulled the fuses in the power cord. looked at them, did not
> see any corrosion. Put them back in. Fired up the 450 and another
> receiver just to start experimenting again and WALAH!!! Problem gone.
> CW sig nice and clean all the way to high power. there must have been
> just a bit of oxidization. they have never been pulled in the 15 yrs
> I've owned the rig.
> I was convinced it was some oddball problem in the rig.
> Just when I thought I knew everything ....hi hi.
> Thanks again Tom, you saved me from having to buy that new
> TS-590SG......for now.
> 73
> Mark
> K3MRK

13500. Audio loss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 01:46:51 UTC
From: Roger Owen
Topic: 13500 Message: 13500

Just picked up a ts-690s. It had low receive audio, so after a lot research, replaced the c104 cap on the if board. It was leaking but caught it before it damaged any close components. Audio is now where it should be, but now there is a 2 to 3 second delay before receive audio comes up after transmit. As I said everything looked very clean. I'm new to this rig so would appreciate any help. Thanks

Sent from my iPad

13501. Re: [TS-850_450_690] Audio loss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 01:59:21 UTC
From: Bob Naylor
Topic: 13500 Message: 13501

VOX delay?

From: "Roger Owen rlowen50@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 10, 2016 5:46 PM
Subject: [TS-850_450_690] Audio loss

Just picked up a ts-690s. It had low receive audio, so after a lot research, replaced the c104 cap on the if board. It was leaking but caught it before it damaged any close components. Audio is now where it should be, but now there is a 2 to 3 second delay before receive audio comes up after transmit. As I said everything looked very clean. I'm new to this rig so would appreciate any help. Thanks

Sent from my iPad

13502. Re: [TS-850_450_690] Audio loss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 02:14:53 UTC
From: Roger Owen
Topic: 13500 Message: 13502

Vox is off.

Sent from my iPad

> On Mar 10, 2016, at 7:59 PM, Bob Naylor wotbob01@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> VOX delay?
>
>
> From: "Roger Owen rlowen50@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, March 10, 2016 5:46 PM
> Subject: [TS-850_450_690] Audio loss
>
>
> Just picked up a ts-690s. It had low receive audio, so after a lot research, replaced the c104 cap on the if board. It was leaking but caught it before it damaged any close components. Audio is now where it should be, but now there is a 2 to 3 second delay before receive audio comes up after transmit. As I said everything looked very clean. I'm new to this rig so would appreciate any help. Thanks
>
> Sent from my iPad
>
>
>

13503. Re: [TS-850_450_690] Audio loss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 02:44:11 UTC
From: Tom Waraksa
Topic: 13500 Message: 13503

Did you clean the pc board thoroughly with alcohol in the area of c104?
Tom AF8P

Sent from Yahoo Mail on Android

On Thu, Mar 10, 2016 at 6:59 PM, Bob Naylor wotbob01@...
[TS-850_450_690]<TS-850_450_690@yahoogroups.com> wrote:

VOX delay?

From: "Roger Owen rlowen50@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 10, 2016 5:46 PM
Subject: [TS-850_450_690] Audio loss

  Just picked up a ts-690s. It had low receive audio, so after a lot research, replaced the c104 cap on the if board. It was leaking but caught it before it damaged any close components. Audio is now where it should be, but now there is a 2 to 3 second delay before receive audio comes up after transmit. As I said everything looked very clean. I'm new to this rig so would appreciate any help. Thanks

Sent from my iPad

13504. Re: [TS-850_450_690] Audio loss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 09:27:33 UTC
From: ik8vze
Topic: 13500 Message: 13504

cleaning sometimes the PCB you must use a fiber-pen over the alcohol residue may block the copper tracks, you can use these carefully because even remove the insulation film
http://www.amazon.it/PENNA-FIBRA-PULIZIA-CIRCUITI-STAMPATI/dp/B003UQUKW4
73 to list de ik8vze&ac2lc Espedito
----- Original Message -----
From: Tom Waraksa tjwaraksa@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 11, 2016 3:44 AM
Subject: Re: [TS-850_450_690] Audio loss

Did you clean the pc board thoroughly with alcohol in the area of c104?

Tom AF8P

Sent from Yahoo Mail on Android

VOX delay?

From: "Roger Owen rlowen50@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 10, 2016 5:46 PM
Subject: [TS-850_450_690] Audio loss

Just picked up a ts-690s. It had low receive audio, so after a lot research, replaced the c104 cap on the if board. It was leaking but caught it before it damaged any close components. Audio is now where it should be, but now there is a 2 to 3 second delay before receive audio comes up after transmit. As I said everything looked very clean. I'm new to this rig so would appreciate any help. Thanks

Sent from my iPad

13505. Re: [TS-850_450_690] Audio loss

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 09:31:52 UTC
From: ik8vze
Topic: 13500 Message: 13505

in any case to investigate in the vicinity of the capacitor if the other components in the short circuit
----- Original Message -----
From: 'ik8vze' ik8vze@... [TS-850_450_690]
To: TS-850_450_690@...m
Sent: Friday, March 11, 2016 10:27 AM
Subject: Re: [TS-850_450_690] Audio loss

cleaning sometimes the PCB you must use a fiber-pen over the alcohol residue may block the copper tracks, you can use these carefully because even remove the insulation film
http://www.amazon.it/PENNA-FIBRA-PULIZIA-CIRCUITI-STAMPATI/dp/B003UQUKW4
73 to list de ik8vze&ac2lc Espedito
----- Original Message -----
From: Tom Waraksa tjwaraksa@yahoo.com [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 11, 2016 3:44 AM
Subject: Re: [TS-850_450_690] Audio loss

Did you clean the pc board thoroughly with alcohol in the area of c104?

Tom AF8P

Sent from Yahoo Mail on Android

VOX delay?

From: "Roger Owen rlowen50@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 10, 2016 5:46 PM
Subject: [TS-850_450_690] Audio loss

Just picked up a ts-690s. It had low receive audio, so after a lot research, replaced the c104 cap on the if board. It was leaking but caught it before it damaged any close components. Audio is now where it should be, but now there is a 2 to 3 second delay before receive audio comes up after transmit. As I said everything looked very clean. I'm new to this rig so would appreciate any help. Thanks

Sent from my iPad

13506. TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 10:10:03 UTC
From: craigrobinson@...
Topic: 13506 Message: 13506

Hi,

This is my first post here so sorry if I ask questions often answered before!

I bought my TS 450 from my Ex-XYL's brother about 5 years ago. I recall he bought it new back when I was parting company with his sister in the mid 90's. I did the usual checks given it's source ..... but there were no bugs or explosive devices .....

It is exactly as I got it from him, no new issues have developed but the ATU has never worked (price reflected this) and he told me he had got someone to "tweak" the RX ..... so on the lower bands it is very noisy, even though I live in the sticks and have very little noise on my other rigs .....

Normally I use an external ATU but now I find the internal one would be useful in some circumstances:

The ATU is enabled but if switched on it does nothing, pressing the tune button does activate it, you can hear the motors running but SWR does not move from full scale. On my 160mtr doublet, when the ATU is taken out of line the SWR drops back to 1.6 to 1.8 depending on band. The net effect is SWR is far worse with the ATU inline.

Some one recently suggested a pair of diodes were the likely problem..... is this likely? What else should I check?

The RX noise issue I normally work around by having the AIP on and the ATT on ..... kills the noise and S/N on weaker signals is better.

Again it was suggested to me that there is gain control pot that tends to increase weaker signals but at the cost of a worse s/n ..... is this true? I have the service manual but can't find it. Why would anyone want the S meter to move more if it made the RX signal worse?

If it does exist what is the procedure to reverse the "tweak" and return to factory defaults?

Any advice appreciated.

73

Craig EI3FW

13507. Re: [TS-850_450_690] TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 20:09:25 UTC
From: Dave ve3wej
Topic: 13506 Message: 13507

was the internal antenna tuner factory installed or installed afterwards...

afterwards, this would suggest perhaps there was a step missed, jumper to cut maybe. follow the directions and verify ALL steps were done.

is the antenna tuner on?? thru/auto (I am looking at my 850, not sure if the same)

on the 850, the button must be in, before at tune can operate

Dave Garber
VE3WEJ / VE3IE

On Fri, Mar 11, 2016 at 5:10 AM, craigrobinson@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi,

>
> This is my first post here so sorry if I ask questions often answered
> before!
>
> I bought my TS 450 from my Ex-XYL's brother about 5 years ago. I recall he
> bought it new back when I was parting company with his sister in the mid
> 90's. I did the usual checks given it's source ..... but there were no
> bugs or explosive devices .....
>
> It is exactly as I got it from him, no new issues have developed but the
> ATU has never worked (price reflected this) and he told me he had got
> someone to "tweak" the RX ..... so on the lower bands it is very noisy,
> even though I live in the sticks and have very little noise on my other
> rigs ......
>
> Normally I use an external ATU but now I find the internal one would be
> useful in some circumstances:
>
> The ATU is enabled but if switched on it does nothing, pressing the tune
> button does activate it, you can hear the motors running but SWR does not
> move from full scale. On my 160mtr doublet, when the ATU is taken out of
> line the SWR drops back to 1.6 to 1.8 depending on band. The net effect is
> SWR is far worse with the ATU inline.
>
> Some one recently suggested a pair of diodes were the likely problem.....
> is this likely? What else should I check?
>

> The RX noise issue I normally work around by having the AIP on and the ATT
> on ..... kills the noise and S/N on weaker signals is better.
>
> Again it was suggested to me that there is gain control pot that tends to
> increase weaker signals but at the cost of a worse s/n ..... is this
> true? I have the service manual but can't find it. Why would anyone want
> the S meter to move more if it made the RX signal worse?
>
> If it does exist what is the procedure to reverse the "tweak" and return
> to factory defaults?
>
> Any advice appreciated.
>
> 73
>
> Craig EI3FW
>
>
>
>
>

13508. Re: [TS-850_450_690] TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-11 18:40:51 UTC
From: dlrust@...
Topic: 13506 Message: 13508

Craig, the Antenna tuning unit has to have a little carrier inserted to make it function. Check that it may be the
carrier is turned down low enough it can't sense RF to tune the antenna. If you don't have a manual
download one, and it explains how to run the RF gain where the noise is eliminated and you still
have a good signal. Good luck with it, they are a great radio.
Dave W0DLR 73

.

13509. Re: [Bulk] [TS-850_450_690] TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 02:28:57 UTC
From: Tom Osborne
Topic: 13506 Message: 13509

The tuner in the TS-450 won't tune much more than 3:1 SWR. If it is much more than that, it is not in the range.

I have one and if the SWR gets much more than 2.5:1, it doesn't liike to tune. 73
Tom W7WHY

On Fri, Mar 11, 2016 at 2:10 AM, craigrobinson@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi,
>
> This is my first post here so sorry if I ask questions often answered
> before!
>
> I bought my TS 450 from my Ex-XYL's brother about 5 years ago. I recall he
> bought it new back when I was parting company with his sister in the mid
> 90's. I did the usual checks given it's source ..... but there were no
> bugs or explosive devices .....
>
> It is exactly as I got it from him, no new issues have developed but the
> ATU has never worked (price reflected this) and he told me he had got
> someone to "tweak" the RX ..... so on the lower bands it is very noisy,
> even though I live in the sticks and have very little noise on my other
> rigs ......
>
> Normally I use an external ATU but now I find the internal one would be
> useful in some circumstances:
>
> The ATU is enabled but if switched on it does nothing, pressing the tune
> button does activate it, you can hear the motors running but SWR does not
> move from full scale. On my 160mtr doublet, when the ATU is taken out of
> line the SWR drops back to 1.6 to 1.8 depending on band. The net effect is
> SWR is far worse with the ATU inline.
>
> Some one recently suggested a pair of diodes were the likely problem.....
> is this likely? What else should I check?
>
> The RX noise issue I normally work around by having the AIP on and the ATT
> on ..... kills the noise and S/N on weaker signals is better.
>
> Again it was suggested to me that there is gain control pot that tends to
> increase weaker signals but at the cost of a worse s/n ..... is this
> true? I have the service manual but can't find it. Why would anyone want

> the S meter to move more if it made the RX signal worse?
>
> If it does exist what is the procedure to reverse the "tweak" and return
> to factory defaults?
>
> Any advice appreciated.
>
> 73
>
> Craig EI3FW
>
>
>
>
>

13510. Re: [TS-850_450_690] TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 08:31:04 UTC
From: craigrobinson@...
Topic: 13506 Message: 13510

Dave,

Yes the tuner is on and enabled in the menu.

Not sure if it was factory installed but the previous owner did say it used to work, stopped working, was sent to the shop and worked again for a short time so whatever was fixed failed again or a new fault developed.

On the basis of what the previous owner said I have to assume it was installed correctly.

Will keep at it, thanks for the input.

73

Craig

13511. Re: TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 08:45:00 UTC
From: craigrobinson@...
Topic: 13506 Message: 13511

Hi Tom,

No that's not it, the antenna I used for my latest tests had an SWR of around 1.8 - 2.2 on the bands I was testing so in theory well in range.

The strange thing is that the swr when the tuner was active was reading full scale not around 2 which is where the antenna is.

Just ran another test ..... 20 mtrs with a 160 mtr doublet ..... antenna showed an swr of 1.8 ..... when I press the tune button the atu runs, an swr of 2.3 is shown on the rigs meter but this does not change whilst the tuner runs.

73

Craig

13512. Re: [TS-850_450_690] Re: TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 13:44:50 UTC
From: Bob Naylor
Topic: 13506 Message: 13512

IF the 450 works the same as the 850, the SWR meter may read high like you explain because when the tuner is activated/now in the circuit, the inductance and capacitance is now added to the antenna circuit so the SWR will be "something else" other than what the antenna is. This depends where the inductance and capacitance of the tuner is at that moment.
Like Tom said the radio will need to put out some RF, usually ten watts minimum so the SWR sensing circuit can read the R, L and C so it can tune.
The 450 manual says the "carrier" control needs to be turned up. The antenna tuner will not work with the carrier level full CCW.
Hope this helps. Bob WE6C

From: "craigrobinson@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 12, 2016 12:45 AM
Subject: [TS-850_450_690] Re: TS 450 SAT - a few issues

Hi Tom,

No that's not it, the antenna I used for my latest tests had an SWR of around 1.8 - 2.2 on the bands I was testing so in theory well in range.

The strange thing is that the swr when the tuner was active was reading full scale not around 2 which is where the antenna is.

Just ran another test ..... 20 mtrs with a 160 mtr doublet ..... antenna showed an swr of 1.8 ..... when I press the tune button the atu runs, an swr of 2.3 is shown on the rigs meter but this does not change whilst the tuner runs.

73

Craig

13513. Re: TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 09:23:16 UTC
From: craigrobinson@...
Topic: 13506 Message: 13513

No, there is plenty of carrier.

As to noise do you mean just adjusting the RF gain and ATT?

I always do that but it would be nice to reverse the "tweak" that was done to it in the past so it's really info on aligning the RX stages that I'm after.

Is it a major job or can I "have a go" with simple test gear?

Thanks

Craig

13514. Re: [TS-850_450_690] Re: TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 20:06:40 UTC
From: Tom Osborne
Topic: 13506 Message: 13514

HI Craig

This might seem silly, but are you sure the motors are not slipping on the cap and inductor when the motors are turning. I have also heard of this before.

BTW - I am having the same problem on one of my TS-450's, only the tuner light comes on but nothing happens. Haven't figured that one out yet :-) 73
Tom W7WHY
> Hi Tom,
>
> No that's not it, the antenna I used for my latest tests had an SWR of
> around 1.8 - 2.2 on the bands I was testing so in theory well in range.
>
> The strange thing is that the swr when the tuner was active was
> reading full scale not around 2 which is where the antenna is.
>
> Just ran another test ..... 20 mtrs with a 160 mtr doublet ....
> antenna showed an swr of 1.8 .... when I press the tune button the
> atu runs, an swr of 2.3 is shown on the rigs meter but this does not
> change whilst the tuner runs.
>
> 73
>
> Craig

13515. Re: [TS-850_450_690] Re: TS 450 SAT - a few issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-12 22:35:20 UTC
From: craigrobinson@...
Topic: 13506 Message: 13515

Hi Tom,

Silly is good - often silly fixes things. My old IC751 was stuck in scan, Google told me a chip had failed ..... an impossible to get one ..... then I found a source (took weeks), was just about to order it when I decided to move the rig, unplugged the mic, it stopped scanning ..... turns out the up button on the mic was stuck!

Another silly one, my FT890, refused to switch on, power lead was OK, 13.8V at the rig ..... but corroded fuse contacts might pass volts but gave up at amps!

I'll check that tomorrow and let you know.

73

Craig

13516. TS-850/SAT also having antenna tuner issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-13 06:07:52 UTC
From: n7dlv@...
Topic: 13516 Message: 13516

I have been reading a related thread concerning an antenna tuning problem with a TS-450. I am having a
similar problem with my TS-850/SAT.

I am the original owner of the rig and it came with the tuner, factory installed. Recently, the auto tuner
stopped working. I would place the tuner in AUTO, turn the Carrier Control all the way up and then
press the AT TUNE button. The rig would go into CW Mode and the RED transmit LED would illuminate.
The receiver would mute and the SWR bar would turn on and the SWR would read above 3 to 1. However,
there is NO RF power being shown on the power meter. I could hear the tuning capacitor motors moving,
but after a moment the rig would start beeping, indicating it could not find a match. Using the MENU
function, I went into MANUAL TUNE mode where the main tuning knob and the M CH/VFO CH knob are
used to control the tuner manually. Again, when I attempted to tune the antenna tuner manually, the RED
transmit LED would illuminate, the rig would go into CW mode and the receiver would mute and the SWR
would read above 3 to 1. However, as before, no RF power was being shown on the power meter. Moving
the two controls would adjust the tuning capacitors, but the SWR would not adjust as per the SWR meter.

I could work around the problem. By adjusting the controls, then transmitting a low power carrier I could
get an SWR reading. Adjusting the controls a bit more and then taking another SWR reading, I could
eventually get an acceptable match. All bands and modes are affected. I tried resetting the CPU but that
did not help.

Any ideas as to where to start looking? According to the service manual the, AT TUNE button controls the
ATS line that goes to the IF Unit via connector IF-B/5-101 pin 4 (ATS). After that, it goes to the Digital Unit,
via connector DIG-A/4-2 pin 16 (ATS). From there, it goes through R26 (1K Ohm) powered by a 5 VDC buss
via R107 (10K Ohm), to pin 51 of IC1 MB89363B (I/O Port). That 5VDC buss powers a number of circuits
within the Digital Unit. Since the radio operates normally in all other respects, I am inclined to believe that
the 5 Volt line is OK and I find it hard to think IC1, could be bad. I do not know enough

about this circuit to
understand how IC1 commands the radio to go into CW mode, go into transmit, turns on the RED LED,
sets power to 10 watts and activates the tuner to look for a match. Because everything but the 10 watts of
carrier is also present, I am also inclined to believe that R26 is good. Your thoughts concerning this
problem would be greatly appreciated.

Eric N7DLV

13517. Re: TS-850/SAT also having antenna tuner issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-13 12:29:48 UTC
From: ken
Topic: 13516 Message: 13517

Eric,

Conventional wisdom (?) says that it won't be the IC! I'd look for a bad track maybe passing under an electrolytic, that was the cause of a display fault on my '850 some time back. With CAR & PWR both fully clockwise my 850 shows 10W whilst the ATU is tuning.

73...

Ken

G3LVP

13518. Re: TS-850/SAT also having antenna tuner issues

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-13 19:55:05 UTC
From: n7dlv@...
Topic: 13516 Message: 13518

Thanks Ken. The CAR & PWR controls do work in all modes when transmitting. Only during AT Tuning does it
not work. I went back to the service manual and did some additional research. On Page 15 of the service
manual there is a description of the operation of the Antenna Tuner while in the AT TUNE mode along with a
simplified schematic. It describes how, when in AT TUNE, mode certain RF power functions are disabled and
others are enabled. Of particular interest are the functions of R297, Q31, Q32, Q34 and Q52. These are in
the RF Unit and are in play when the RIG is in AT TUNE mode. R297 and Q52 set the power to 10 watts
when in AT TUNE mode. If one of those or the associated circuit run is defective, that will cause the
problem I am experiencing. The electrolytic capacitors here have never been replaced. I will start looking
for a leaking electrolytic and damaged runs. If they are normal, I will look to see if R297 and or Q52 are
defective.

Eric N7DLV

13519. M.CH/VFO CH Settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-15 03:19:06 UTC
From: k7qt@...
Topic: 13519 Message: 13519

On my TS850, when in VFO mode, I use this control to step up or down 10 kHz without having to use the main VFO dial. Is there a way in one of the menus to set the step rate to 5 kHz? I can't find any reference to this feature and its settings after doing some wholesale searching. Thank you in advance.

Dave Frechette, K7QT

13520. RE: [TS-850_450_690] M.CH/VFO CH Settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-15 17:07:57 UTC
From: Mike - AA1AR
Topic: 13519 Message: 13520

I know you can change it on the 450/690, so I looked at your manual.

See page 35 of the instruction manual. Section 4-10-15. Looks like you can set it to 10, 5, or 1kHz.

73 & GL, Mike – AA1AR

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Monday, March 14, 2016 11:19 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] M.CH/VFO CH Settings

On my TS850, when in VFO mode, I use this control to step up or down 10 kHz without having to use the main VFO dial. Is there a way in one of the menus to set the step rate to 5 kHz? I can't find any reference to this feature and its settings after doing some wholesale searching. Thank you in advance.

Dave Frechette, K7QT

13521. Re: [TS-850_450_690] M.CH/VFO CH Settings

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-18 18:07:00 UTC
From: Richard Berger
Topic: 13519 Message: 13521

Switch the set off and holding in the usb lsb button switch on turn the ch mode knob to number 3 and adjust to your desired step 1khz 5khz and 10khz step hit clr button and it is ready to go ! hope this helps.

On Tuesday, 15 March 2016, 17:08, "'Mike - AA1AR' aa1ar@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

I know you can change it on the 450/690, so I looked at your manual. See page 35 of the instruction manual. Section 4-10-15. Looks like you can set it to 10, 5, or 1kHz. 73 & GL, Mike – AA1AR From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] Sent: Monday, March 14, 2016 11:19 PM To: TS-850_450_690@yahoogroups.com Subject: [TS-850_450_690] M.CH/VFO CH Settings On my TS850, when in VFO mode, I use this control to step up or down 10 kHz without having to use the main VFO dial. Is there a way in one of the menus to set the step rate to 5 kHz? I can't find any reference to this feature and its settings after doing some wholesale searching. Thank you in advance.

Dave Frechette, K7QT

13522. INRAD Filters In TS870

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-21 23:44:21 UTC
From: Crownhaven
Topic: 13522 Message: 13522

Curious if anyone has added the INRAD SSB filters to the TS870? Looks like the only option, i.e., SSB vs. CW.

Thanks,

Steve, N4JQQ

13523. Volume Issue With TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-22 00:43:25 UTC
From: Crownhaven
Topic: 13523 Message: 13523

Suddenly, when I turned the volume or AF all the way down on my 850, (one of them), there is still audio. It is reduced but it is still there. Like its "almost" turned all the way down. Anyone experience this or have any clues? Sort of annoying.

Steve, N4JQQ

13524. Re: Volume Issue With TS-850S

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-22 10:26:22 UTC
From: pegloff@...
Topic: 13523 Message: 13524

Hi,

I had some issues with the pots. I had some losy solder connections on the little board behind the front panel.

Try to mechanicaly move the entire pot, to see what happens...

GL,
Patrick TK5EP

13525. DSP100 does't work (din cables not factory)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-23 16:48:13 UTC
From: Fernando
Topic: 13525 Message: 13525

Hello friends,

I bought a used dsp100 without din cables for my ts850.

The matter is dsp doesn’t work. The ts850 mic control still works with dsp on and rx/tx on. No audio difference or enhance.

I assemble din cables staight pin to pin and use a stereo audio rca cable..

I read in the group this post
https://groups.yahoo.com/neo/groups/TS-850_450_690/conversations/messages/12686

If you check ts850 and dsp100 service manual, the din 13 pinout seems to be cross at pin 9/10, but if you check directly in the rigs, you can see pin 10 is ground in both.

Because of this I didn’t perform the cross. Din 6 seems to be the same pinout in both rigs too, not crossed pins.

Can you help me please?

Thank You!

Fernando

LU5DFJ

13526. TS850S latest known firmware

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-23 21:29:28 UTC
From: z_miklos1@...
Topic: 13526 Message: 13526

Hi all,

Can someone share the JEZB version of TS850S firmware?
I want to flash the latest known firmware to my TS850SAT.
My email is z_miklos1@yahoo.com

Thanks,
HA5OZ Zoli

13527. Rear remote jack

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-24 01:57:25 UTC
From: junkmailsux@...
Topic: 13527 Message: 13527

Hey all,

If I use the REMOTE jack on the back of my TS-450S AT am I still able to use the front mic jack or is that disabled with something plugged into the remote?

Thanks,
Chad
KK6DPE

13528. Re: [TS-850_450_690] Rear remote jack

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-24 14:17:33 UTC
From: Bryan Swadener
Topic: 13527 Message: 13528

Hi Chad,
According to the information on page 21 of your user manual (http://www.kenwood.com/usa/Support/pdf/TS-450.pdf), there is no audio input connection on the REMOTE connector. However, the ACC2 connector (page 22) has some control over the front panel microphone input. You'll have to read the manual to find out how. ;-)
vy 73 es gl,Bryan WA7PRC

Subject: Rear remote jack
Posted by: Chad KK6DPE
Date: Wed Mar 23, 2016 9:18 pm ((PDT))

Hey all,

If I use the REMOTE jack on the back of my TS-450S AT am I still able to use the front mic jack or is that disabled with something plugged into the remote?

Thanks,
Chad
KK6DPE

13529. BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-24 18:42:05 UTC
From: rzzz350@...
Topic: 13529 Message: 13529

I've seen on a YouTube a TS-440SAT with the BHI audio DSP. I installed one in my FT-897D and love it.

Has anyone mounted one in a TS-850? I still use the TS-850 as my primary radio and I would love to improve it with the BHI DSP mounted inboard.

13530. Re: [TS-850_450_690] BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-24 19:24:14 UTC
From: Jean-Paul / F1LVT
Topic: 13529 Message: 13530

Dear OM,I have installed a HBI audio DSP in my TS450. The result is very good.It is less spectacular than when used with a TS440, but the improvement is very noticeable. The first articles written on the subject: http://www.f1lvt.com/files/515-Art-MHz-440DSP-Oct05-p34-39.27.94.pdfhttp://www.f1lvt.com/files/516-ts440english.95.pdfBest regardsJean-Paul / F1LVT

Jean-Paul / F1LVT
Adresse mail : F1LVT@...
Site web : www.F1LVT.com

De : "rzzz350@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
À : TS-850_450_690@yahoogroups.com
Envoyé le : Jeudi 24 mars 2016 19h42
Objet : [TS-850_450_690] BHI audio DSP

I've seen on a YouTube a TS-440SAT with the BHI audio DSP. I installed one in my FT-897D and love it.
Has anyone mounted one in a TS-850? I still use the TS-850 as my primary radio and I would love to improve it with the BHI DSP mounted inboard.

13531. Re: [TS-850_450_690] BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-03-25 03:03:00 UTC
From: rzzz350@...
Topic: 13529 Message: 13531

Thank you so much Jean-Paul.

Mark

13532. TS-850 Band Scope / Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-07 14:53:44 UTC
From: jp@...
Topic: 13532 Message: 13532

Listmates:

Anyone had any success, thoughts, opinions as to interfacing an SDR to create a band scope?

I have not found anything in the archives.

Tnx es 73

Joe / KW1K
Spring Hill, FL

13533. Re: [TS-850_450_690] TS-850 Band Scope / Panadapter

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-07 17:22:07 UTC
From: John tf
Topic: 13532 Message: 13533

I have used several , 1st was Ham Radio Deluxe HRD , had some similar uses .
Then tried some of the TV-SDR dongles .
And now using LP-Pan2 .
At this time my favorite is the LP-Pan2 with E-MU 204 sound card and bought used and saved money , other wise I would have kept using the New-Elect dongle , bought new with lots of extras , the latest dongle with TCXO etc. , upconverter with added noise source , aluminum cases for both to help with noise getting in , seeing that TV-SDR dongle with all that I got was $100 + , that moving on to the LP-Pan2 was not that much to bite on .
If I was to do over again with what I know now , I would just use the LP-Pan2 .
If your more into solving computer , hardware / software issues , then maybe the dongle .
Not that it is a slam-dunk with the LP-Pan2 . should give that link
http://www.telepostinc.com/LP-PAN.html
Also bought a dead LP-100A with a simple fix , I like the company much more than the dongle companies , except for the RTL-SDR group
http://www.rtl-sdr.com/

John
KD0CAC

On Thu, Apr 7, 2016 at 9:53 AM, jp@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Listmates:
>
> Anyone had any success, thoughts, opinions as to interfacing an SDR to
> create a band scope?
>
> I have not found anything in the archives.
>
> Tnx es 73
>
> Joe / KW1K
> Spring Hill, FL
>
>
>
>

13534. No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-13 14:26:37 UTC
From: WB2AUL@...
Topic: 13534 Message: 13534

I NEED HELP. MY KENWOOD 450SAT HAS LOST ITS AUDIO, EVERYTHING ELSE SEEMS TO WORK WELL. I CHANGED THE ELECTROLYTICS, C98-99-101-104, CLEANED UP THE LEAKING C104, JUMPERED THE PLUS SIDE OF THE C104 TO THE AUDIO OUTPUT TRANSISTOR 2002V PIN 4. REPLACED THE 2002V AUDIO OUTPUT TRANSISTOR. I HAVE TRANSMITT, I CAN SEE SIGNALS ON THE SMETER, I HAVE SSB MODULATION. ANYBODY HAVE ANY IDEAS,TRYING TO FIND SCHEMATIC WITH VOLTAGES. ALL HELP ACCEPTED. JOHN WB2AUL

13535. Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-24 14:58:38 UTC
From: n7uvh@...
Topic: 13535 Message: 13535

has any one used a ts450 with Panadaptor? I am looking for a place
to tap. I hear I need the first IF area for my dongle. 73.00 freq?
tnx
pat
n7uvh

13536. Re: [TS-850_450_690] Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-25 17:28:32 UTC
From: Bryan Swadener
Topic: 13535 Message: 13536

Hi Pat,

The short answer is yes. Now for the long answer...

Refer to the block diagram for the TS450S/TS690S Instruction Manual, page 89.

In order to see any significant bandwidth, you need to tap ahead of ALL filters, including the roofing filter after the 1st mixer. The 1st mixer is Q14-Q17 (pn 2SK520) on the RF Unit PCBA (pn X44-3130-01). The 'MCF' after the 1st Mixer has a bandwidth of about 20 KHz. You need to tap ahead of the filter.

Unlike the '850, there's no external port for this signal. However, the next-best thing exists. TP1 on the RF Unit PCBA provides a convenient connection point. See the Service Manual schematic (page 135, L2) and PCB layout (page 134, D4)

I didn't bother looking for the signal level but, I see TP1 is fed through a 2 picofarad capacitor, which tells me the level might be pretty low. You may want/need to add some gain between it and your panadapter dongle.

TS450S/TS690S IF diagrams on my Flickr page: http://tinyurl.com/wa7prc-ts450s

vy 73,
Bryan WA7PRC

Subject: Panadaptor with ts450 or where to tap at
From: n7uvh@... n7uvh
Date: Sun Apr 24, 2016

has any one used a ts450 with Panadaptor? I am looking for a place
to tap. I hear I need the first IF area for my dongle. 73.00 freq?
tnx
pat n7uvh

13537. Re: No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-20 12:47:57 UTC
From: tjb813@...
Topic: 13534 Message: 13537

Check the traces around C104. The electrolyte from the cap eats the traces, depending on how long the trace was exposed. Also. I have had to remove the filters near c104 as the traces that go underneath get eaten also. Even when they look ok, they can be open. Tedious, but check with an Ohmmeter.

Happened to a friend's 450 that I fixed for him. I caught mine before it got that bad.

Just a simple thought, check the polarity of c104. Its the coupling cap for the audio amp. Not implying you don't know what you are doing, but sometimes I get things backward when I'm trying too hard.

BTW, if you haven't done it already, look to replace the battery located behind the front panel. That's what goes next.

Good Luck,
Cheers,
Tim

13538. Re: [TS-850_450_690] No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-20 23:05:45 UTC
From: Dave ve3wej
Topic: 13534 Message: 13538

perhaps try an extension speaker, maybe the internal speaker crapped out???

Dave Garber
VE3WEJ / VE3IE

On Wed, Apr 20, 2016 at 7:04 PM, Dave ve3wej <ve3wej@...> wrote:

> on receive or transmit audio.....
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Wed, Apr 13, 2016 at 10:26 AM, WB2AUL@AOL.COM [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I NEED HELP. MY KENWOOD 450SAT HAS LOST ITS AUDIO, EVERYTHING ELSE SEEMS
>> TO WORK WELL. I CHANGED THE ELECTROLYTICS, C98-99-101-104, CLEANED UP THE
>> LEAKING C104, JUMPERED THE PLUS SIDE OF THE C104 TO THE AUDIO OUTPUT
>> TRANSISTOR 2002V PIN 4. REPLACED THE 2002V AUDIO OUTPUT TRANSISTOR. I HAVE
>> TRANSMITT, I CAN SEE SIGNALS ON THE SMETER, I HAVE SSB MODULATION. ANYBODY

>> HAVE ANY IDEAS,TRYING TO FIND SCHEMATIC WITH VOLTAGES. ALL HELP ACCEPTED.
>> JOHN WB2AUL
>>
>>
>>
>>
>
>

13539. Re: No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-21 20:03:08 UTC
From: tjb813@...
Topic: 13534 Message: 13539

I tried to reply, but it must have gotten lost. Clean residue under C104 and under filter near C104. It gets under the filters and opens up traces.

Tim

PS If this doesn't make it I give up.

13540. Re: [TS-850] Re:_Hello_From_KAØVKF

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-22 04:37:03 UTC
From: fer_nando504@...
Topic: 117 Message: 13540

Hello Kevin, do you have the dsp100 in use? Which are the results?

Thank You!

Fernando
LU5DFJ

13541. Re: INFO DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-22 04:42:41 UTC
From: fer_nando504@...
Topic: 100 Message: 13541

Hello, do you have the dsp100 connected to the ts850 right now?

Thank You!

Fernando
LU5DFJ

13542. Dsp 100 and ts850

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-22 04:42:50 UTC
From: fer_nando504@...
Topic: 13542 Message: 13542

Hello,
Does anybody have a dsp 100?
Can you comment your own experience?
Thank You!

Fernando
LU5DFJ

13543. Re: No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-22 12:23:39 UTC
From: tjb813@...
Topic: 13534 Message: 13543

I have attempted to reply a few times. This is my last attempt.

Clean up the residue from C104 that has crept under the filters and maybe under other components. It most likely will require removal of the filters and other components to do. Test the traces with an Ohmmeter. Its a lot of work, but is required to fix the problem. Very typical for a c104 failure.

Tim

13544. Re: CSS line status is SOLUTION to: TS-450 Won't Key

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-22 23:43:17 UTC
From: zf43acb@...
Topic: 8341 Message: 13544

This thread was a great help to me, lately, so I will post my solution to help others.

My TS-450S was mangled by a non-tech type, so I got it cheap, not working. The main problems were that the battery had leaked on the Digital Board and etched away the traces adjacent, and the 12 volt line fuse would blow immediately. Fortunately, C104 had been replaced on the IF Board, before leakage damage there.

I lifted one end of L14 on the Final Board to remove power from the obviously blown power transistors, replaced the battery with a stick on surface mount battery holder, powered up and got a display of 14.000. I tried the setup menus, they appeared to work, but would not remain stored on repowering the unit. Also, the encoders would only work in one direction. It turned out to be an open address line to the RAM, where the lines run close to the battery leakage. OK, now I had a working receiver, and I could go through the receiver adjustment section of the service manual. Some of the pots had been turned to their limits, like rf gain, so I knew it needed alignment.

Ebay supplied a used Final Unit, and I purchased a set of TS-450S ribbon interconnect cables at the same time, since some of mine were mishandled and in poor condition, but seemed to be working. I replaced the Final Unit and had no more blown fuses.

When I got to the transmit adjustments, I found that the SEND button did not work, same as this thread. Using the test points on the IF Board, I could see the SS signal grounded by the SEND switch, but TXI remained low, indicating an inhibited transmit state. As pointed out by this thread, the CSS signal feeds back to the Digital Board, to request transmit mode from the processor (Fig. 18, Page 23 of Service Manual). A few checks around Q50 showed a problem, but on the Digital Board side CSS was just 5 volts, because of a 10k pullup.

My problem was a break in the 20 conductor ribbon cable between the Digital/IF Boards, on the CSS line. Replacing the ribbon with my spare solved the issue.

My analysis of the intermittent failures experienced by Kevin, in this thread, would tend to make me look at cables first, and then, of course, badly soldered or failed components.

Thanks to all who contributed to this thread, it saved me a lot of time. 73, VE6BBD

13545. Repairing TS-450 Antenna Tuner

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-23 17:19:32 UTC
From: dmueller421@...
Topic: 13545 Message: 13545

My C20 blew up on my antenna tuner. I've got it replaced, but I also have another problem. The last time I had the radio out (it's the backup rig), the tuner would hunt for a match, one of the capacitors would jerk back and forth. I think the indicator pot isn't in sync with where the CPU thinks it should be.

Does anyone know how to get the two pot/capacitor pairs in sync with the CPU? Do the settings in the manual mode (M.In menu 31) of 0 to 100 correspond directly with not meshed to fully meshed?

Thanks
Dave AA3EE

13546. Re: [TS-850_450_690] No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-20 23:04:30 UTC
From: Dave ve3wej
Topic: 13534 Message: 13546

on receive or transmit audio.....

Dave Garber
VE3WEJ / VE3IE

On Wed, Apr 13, 2016 at 10:26 AM, WB2AUL@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I NEED HELP. MY KENWOOD 450SAT HAS LOST ITS AUDIO, EVERYTHING ELSE SEEMS
> TO WORK WELL. I CHANGED THE ELECTROLYTICS, C98-99-101-104, CLEANED UP THE
> LEAKING C104, JUMPERED THE PLUS SIDE OF THE C104 TO THE AUDIO OUTPUT
> TRANSISTOR 2002V PIN 4. REPLACED THE 2002V AUDIO OUTPUT TRANSISTOR. I HAVE
> TRANSMITT, I CAN SEE SIGNALS ON THE SMETER, I HAVE SSB MODULATION. ANYBODY
> HAVE ANY IDEAS,TRYING TO FIND SCHEMATIC WITH VOLTAGES. ALL HELP ACCEPTED.
> JOHN WB2AUL
>
>
>
>

13547. Re: [TS-850_450_690] Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-25 17:38:09 UTC
From: Steven KA9MOT
Topic: 13535 Message: 13547

Very good Bryan,
You are correct! When I was researching a Panadapter for the TS-450, I found TP-1 to be the perfect spot for it, and it makes it a plug in and not a solder in modification.
The problem I ran into was the noise generated inside the radio was picked up by the cable and the RTL Dongle received it and most of the signals were swallowed up by the noise.

I never found a way to resolve the noise issue.

Steve KA9MOT
On Apr 25, 2016 12:28 PM, "Bryan Swadener bswadener@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi Pat,
>
>
>
> The short answer is yes. Now for the long answer...
>
> Refer to the block diagram for the TS450S/TS690S Instruction Manual, page
> 89.
>
> In order to see any significant bandwidth, you need to tap ahead of ALL
> filters, including the roofing filter after the 1st mixer. The 1st mixer is
> Q14-Q17 (pn 2SK520) on the RF Unit PCBA (pn X44-3130-01). The 'MCF' after
> the 1st Mixer has a bandwidth of about 20 KHz. You need to tap ahead of the
> filter.
>
> Unlike the '850, there's no external port for this signal. However, the
> next-best thing exists. TP1 on the RF Unit PCBA provides a convenient
> connection point. See the Service Manual schematic (page 135, L2) and PCB
> layout (page 134, D4)
>
> I didn't bother looking for the signal level but, I see TP1 is fed through
> a 2 picofarad capacitor, which tells me the level might be pretty low. You
> may want/need to add some gain between it and your panadapter dongle.
>
> TS450S/TS690S IF diagrams on my Flickr page:
> http://tinyurl.com/wa7prc-ts450s
>
> vy 73,
> Bryan WA7PRC
>

>
> Subject: Panadaptor with ts450 or where to tap at
> From: n7uvh@... n7uvh
> Date: Sun Apr 24, 2016
>
> has any one used a ts450 with Panadaptor? I am looking for a place
> to tap. I hear I need the first IF area for my dongle. 73.00 freq?
> tnx
> pat n7uvh
>
>
>

13548. Re: [TS-850_450_690] BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-28 22:36:06 UTC
From: rzzz350@...
Topic: 13529 Message: 13548

Jean Paul,

Can you remember what was the number for the coupling capacitor in the TS-450? I think if I look at the the TS-450 service manual and the Ts-850 service manual that I can get it right the first time, and then let the group know how the modification works.

Thank you,

Mark

13549. Re: [Bulk] [TS-850_450_690] No audio kenwood ts 450 sat

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-04-18 22:34:15 UTC
From: Fernando
Topic: 13534 Message: 13549

Please check again the pcb arround the audio output ic. Perhaps cap leakeage destroyed another fine trace of the pcb
You can find basic configuration of the ic in http://www.micropik.com/PDF/TDA2002.pdf .
Assume +vcc as your power supply setting voltage. Try to inject audio signal in the input of the amp circuit and see what happens.
If you have no signal in smeter during rx, you must think in rf input signal problems

Regards
LU5DFJ

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Wednesday, April 13, 2016 11:26 AM
To: TS-850_450_690@yahoogroups.com
Subject: [Bulk] [TS-850_450_690] No audio kenwood ts 450 sat

I NEED HELP. MY KENWOOD 450SAT HAS LOST ITS AUDIO, EVERYTHING ELSE SEEMS TO WORK WELL. I CHANGED THE ELECTROLYTICS, C98-99-101-104, CLEANED UP THE LEAKING C104, JUMPERED THE PLUS SIDE OF THE C104 TO THE AUDIO OUTPUT TRANSISTOR 2002V PIN 4. REPLACED THE 2002V AUDIO OUTPUT TRANSISTOR. I HAVE TRANSMITT, I CAN SEE SIGNALS ON THE SMETER, I HAVE SSB MODULATION. ANYBODY HAVE ANY IDEAS,TRYING TO FIND SCHEMATIC WITH VOLTAGES. ALL HELP ACCEPTED. JOHN WB2AUL

13550. BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-02 05:41:13 UTC
From: Jean-Paul / F1LVT
Topic: 13529 Message: 13550

Dear Mark,
The DSP module "bhi NEDSP1061" is mounted without removing any component. It is inserted on CN15 connector, on "IF Unit", under the TS-450 transceiver.
I have build a bypass piece to connect the DSP module on the CN15 connector. The female hubs are inserted on the CN15 connector, and the male tips receive the cable connector going to the volume potentiometer. For the power supply of the DSP module, the 8V is taken on pin 3 of CN5, always on the IF Unit. The ground is on the scew, in the middle if the IF Unit.
The DSP module has been fixed on a support sheet, in place of the 455 kHz filter.

All is placed on the IF Unit, and the DSP can be very easily mounted and dismounted without soldering.
The control of the DSP level is made by a pushbutton fixed on the rear part of the transceiver.
Best regardsJean-Paul / F1LVT

Jean-Paul / F1LVT
Adresse mail : F1LVT@...
Site web : www.F1LVT.com

De : "rzzz350@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
À : TS-850_450_690@yahoogroups.com
Envoyé le : Vendredi 29 avril 2016 0h36
Objet : Re: [TS-850_450_690] BHI audio DSP

  Jean Paul,
Can you remember what was the number for the coupling capacitor in the TS-450? I think if I look at the the TS-450 service manual and the Ts-850 service manual that I can get it right the first time, and then let the group know how the modification works.
Thank you,
Mark

13551. Re: [TS-850_450_690] BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-01 20:52:16 UTC
From: Jean-Paul / F1LVT
Topic: 13529 Message: 13551

Dear Mark,
The DSP module "bhi NEDSP1061" is mounted without removing any component. It is inserted on CN15 connector, on "IF Unit", under the TS-450 transceiver.
I have build a bypass piece to connect the DSP module on the CN15 connector. The female hubs are inserted on the CN15 connector, and the male tips receive the cable connector going to the volume potentiometer. For the power supply of the DSP module, the 8V is taken on pin 3 of CN5, always on the IF Unit. The ground is on the scew, in the middle if the IF Unit.
The DSP module has been fixed on a support sheet, in place of the 455 kHz filter.

All is placed on the IF Unit, and the DSP can be very easily mounted and dismounted without soldering.
The control of the DSP level is made by a pushbutton fixed on the rear part of the transceiver.
Best regardsJean-Paul / F1LVT

Jean-Paul / F1LVT
Adresse mail : F1LVT@...
Site web : www.F1LVT.com

De : "rzzz350@yahoo.com [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
À : TS-850_450_690@yahoogroups.com
Envoyé le : Vendredi 29 avril 2016 0h36
Objet : Re: [TS-850_450_690] BHI audio DSP

  Jean Paul,
Can you remember what was the number for the coupling capacitor in the TS-450? I think if I look at the the TS-450 service manual and the Ts-850 service manual that I can get it right the first time, and then let the group know how the modification works.
Thank you,
Mark

13552. TS850 VFO does not change freq and last digit flickers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 01:49:35 UTC
From: n8nma@...
Topic: 13552 Message: 13552

Have and old 850 here and the VFO no longer changes the frequency. Also the last digit flickers. Have read some info on the internet about this but it mentions two variable resistors that I have not found. Also noticed that the D11 has been clipped in the radio to open it up frequency wise. The CAR board also has had the IC 1 replaced with the YM66312 but IC 2-4 are the YM6631. Looks like a lot of changes in the radio but would like to get it back to working condition. Anyone have any ideas on getting the VFO to work ?
Thanks,
Tom N8NMA

13553. Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 02:00:27 UTC
From: ik8vze
Topic: 13552 Message: 13553

NOT I UNDERSTAND flashes the last digit of the display?
----- Original Message -----
From: n8nma@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 18, 2016 3:49 AM
Subject: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Have and old 850 here and the VFO no longer changes the frequency. Also the last digit flickers. Have read some info on the internet about this but it mentions two variable resistors that I have not found. Also noticed that the D11 has been clipped in the radio to open it up frequency wise. The CAR board also has had the IC 1 replaced with the YM66312 but IC 2-4 are the YM6631. Looks like a lot of changes in the radio but would like to get it back to working condition. Anyone have any ideas on getting the VFO to work ?

Thanks,

Tom N8NMA

13554. Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 02:04:09 UTC
From: Tom Jones
Topic: 13552 Message: 13554

Yes the last digit of the frequency display

Sent from my iPhone

> On May 17, 2016, at 10:00 PM, 'ik8vze' ik8vze@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> NOT I UNDERSTAND flashes the last digit of the display?
> ----- Original Message -----
> From: n8nma@... [TS-850_450_690]
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, May 18, 2016 3:49 AM
> Subject: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers
>
>
> Have and old 850 here and the VFO no longer changes the frequency. Also the last digit flickers. Have read some info on the internet about this but it mentions two variable resistors that I have not found. Also noticed that the D11 has been clipped in the radio to open it up frequency wise. The CAR board also has had the IC 1 replaced with the YM66312 but IC 2-4 are the YM6631. Looks like a lot of changes in the radio but would like to get it back to working condition. Anyone have any ideas on getting the VFO to work ?
>
> Thanks,
>
> Tom N8NMA
>
>

13555. Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 02:10:51 UTC
From: ik8vze
Topic: 13552 Message: 13555

open the top and bottom cover radio, then goes on to disassemble the display after removing the knobs carefully, you see that behind the display you can find an area with an inverter in a closed canister fill slopes are two display boards the first where there are the bulbs leave it alone, you should find a 16 volt capacitor C18 470mfarad if i recall, this is usually the cause of the malfunction of the display might be gone, you realize a loss from acid spillage on the slopes, so if you can make a bridge from the side reverse of the card or clean it with a glass fiber pen
good luck and 73 to list de ik8vze & ac2lc
----- Original Message -----
From: Tom Jones n8nma@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 18, 2016 4:04 AM
Subject: Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Yes the last digit of the frequency display

Sent from my iPhone

On May 17, 2016, at 10:00 PM, 'ik8vze' ik8vze@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

NOT I UNDERSTAND flashes the last digit of the display?
----- Original Message -----
From: n8nma@... [TS-850_450_690]
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 18, 2016 3:49 AM
Subject: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Have and old 850 here and the VFO no longer changes the frequency. Also the last digit flickers. Have read some info on the internet about this but it mentions two variable resistors that I have not found. Also noticed that the D11 has been clipped in the radio to open it up frequency wise. The CAR board also has had the IC 1 replaced with the YM66312 but IC 2-4 are the YM6631. Looks like a lot of changes in the radio but would like to get it back to working condition. Anyone have any ideas on getting the VFO to work ?

Thanks,

Tom N8NMA

13556. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 06:15:08 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13556

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS450DSP.pdf
Uploaded by : f1lvt <F1LVT@...>
Description : How to install a DSP filter in a TS-450.
In French, with the abstract in English. The 12 Photos allow an easily understanding of the modification. Jean-Paul / F1LVT

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/TS450DSP.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

f1lvt <F1LVT@...>

13557. Re: [TS-850_450_690] BHI audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-07 17:26:40 UTC
From: rzzz350@...
Topic: 13529 Message: 13557

OK Jean Paul, now I can compare to my TS-850 and get the idea. Thank you so much. Mark

13558. PWR meter accuracy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-08 07:33:06 UTC
From: Ervin Hegedüs
Topic: 13558 Message: 13558

Hi Folks,

I've bought a PA and an external PWR/SWR meter (Zetagi 500).

The PA max input pwr is 70W (model: TW 500, output is max 500W).

On most bands, I can drive the PA that it can be emitt the 500W, but yesterday I've realized, that on 40m the PA works only on 350-400W, but the output of TS850 is 60W (the inner PWR meter indicated that value).

I've masured the output PWR with the external meter, and it indicated only about 40W.

On 40m when I drive the RIG with full PWR, then the value will be 100W, but the external PWR meter shows 150W. On other band (yesterday I just checked 20m quickly), the inner value is equal with the external value?

What would be the reason?

TNX/73:

Ervin, HA2OS

13559. Bhi audio DSP

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-11 07:52:03 UTC
From: Jean-Paul / F1LVT
Topic: 13559 Message: 13559

To all,The article describing the insersion of a "bhi audio DSP" inside a Kenwood TS-450 has been added on the website www.F1LVT.comThe direct link is:http://www.f1lvt.com/files/517-TS450DSP.218.pdfThe article is written in French, with the abstract in English. Even if you don't understand French, the 12 Photos allow an easily understanding of the modification.RegardsJean-Paul / F1LVT

Jean-Paul / F1LVT
Adresse mail : F1LVT@...
Site web : www.F1LVT.com

13560. Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 09:47:06 UTC
From: Dave ve3wej
Topic: 13552 Message: 13560

does the vfo frequency change by the mike up/down functions , or change via

computer control. what about memory up/down, or by using the vfo ch
knob.....

if the others work, it may be the encoder. the flicker may be the cap as
mention previously, but I understand the complete display out is usually
the result of that cap.

Dave Garber
VE3WEJ / VE3IE

On Tue, May 17, 2016 at 10:10 PM, 'ik8vze' ik8vze@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> open the top and bottom cover radio, then goes on to disassemble the
> display after removing the knobs carefully, you see that behind the display
> you can find an area with an inverter in a closed canister fill slopes are
> two display boards the first where there are the bulbs leave it alone, you
> should find a 16 volt capacitor C18 470mfarad if i recall, this is usually
> the cause of the malfunction of the display might be gone, you realize a
> loss from acid spillage on the slopes, so if you can make a bridge from the
> side reverse of the card or clean it with a glass fiber pen
> good luck and 73 to list de ik8vze & ac2lc
>
> ----- Original Message -----
> *From:* Tom Jones n8nma@... [TS-850_450_690]
> <n8nma@...+[TS-850_450_690]>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Wednesday, May 18, 2016 4:04 AM
> *Subject:* Re: [TS-850_450_690] TS850 VFO does not change freq and last
> digit flickers
>
>
>
> Yes the last digit of the frequency display
>
> Sent from my iPhone
>
> On May 17, 2016, at 10:00 PM, 'ik8vze' ik8vze@... [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com> wrote:
>
>

>
> NOT I UNDERSTAND flashes the last digit of the display?
>
> ----- Original Message -----
> *From:* n8nma@... [TS-850_450_690]
> <n8nma@...+[TS-850_450_690]>
> *To:* TS-850_450_690@yahoogroups.com
> *Sent:* Wednesday, May 18, 2016 3:49 AM
> *Subject:* [TS-850_450_690] TS850 VFO does not change freq and last digit
> flickers
>
>
>
> Have and old 850 here and the VFO no longer changes the frequency. Also
> the last digit flickers. Have read some info on the internet about this but
> it mentions two variable resistors that I have not found. Also noticed that
> the D11 has been clipped in the radio to open it up frequency wise. The CAR
> board also has had the IC 1 replaced with the YM66312 but IC 2-4 are the
> YM6631. Looks like a lot of changes in the radio but would like to get it
> back to working condition. Anyone have any ideas on getting the VFO to work
> ?
>
> Thanks,
>
> Tom N8NMA
>
>
>

13561. New 450 Owner - Auto Tuner Found...But.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-14 12:50:42 UTC
From: viragoxv@...
Topic: 13561 Message: 13561

Sorry for the repost, but my earlier message hasn't been posted yet so I could not revise it....

Well, I don't see how I could have missed the auto tuner, but I now have found it! It occupies a large portion of the upper right area of the radio!

Anyway, I'll test more later, but still puzzled as to why my TS-850 SAT can tune my mini-G5RV so easily but this 450 auto tuner doesn't seem capable...any difference in tuning capabilities?...thoughts?

Thanks! Mike, N3QIG

13562. New 450 Owner - Can Mic Socket Power MC-60/A? AT-450 Installed?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-14 12:02:31 UTC
From: viragoxv@...
Topic: 13562 Message: 13562

I've added a 450 to the "stable". It came with a Kenwood MC-60 mic, and according to the mic manual, no batteries are needed for the pre-amp if power is supplied from the radio's mic socket. The radio manual shows 8V available on pin #5. The mic shows two 1.5V batteries needed for the mic pre-amp. I'm assuming I don't need mic batteries because of the 8V present on pin #5.....thoughts?

BTW, the mic is marked MC-60, but according to what I've read, the 60 did not have the UP-DOWN buttons which ARE present on my mic....is my mic an MC-60A in hiding?

I'm curious to confirm whether the radio has an automatic antenna tuner; can I open the radio and confirm? What should I look for?

Thanks! Mike, N3QIG

13563. Re: [TS-850_450_690] PWR meter accuracy

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 14:52:13 UTC
From: Bob Naylor
Topic: 13558 Message: 13563

The meters will only be accurate when measuring into 50 ohms resistance with no reactance. If not, the readings mean nothing.Bob WE6C

From: "Ervin Hegedüs airween@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 8, 2016 12:33 AM
Subject: [TS-850_450_690] PWR meter accuracy

Hi Folks,

I've bought a PA and an external PWR/SWR meter (Zetagi 500).

The PA max input pwr is 70W (model: TW 500, output is max 500W).

On most bands, I can drive the PA that it can be emitt the 500W, but yesterday I've realized, that on 40m the PA works only on 350-400W, but the output of TS850 is 60W (the inner PWR meter indicated that value).

I've masured the output PWR with the external meter, and it indicated only about 40W.

On 40m when I drive the RIG with full PWR, then the value will be 100W, but the external PWR meter shows 150W. On other band (yesterday I just checked 20m quickly), the inner value is equal with the external value?

What would be the reason?

TNX/73:

Ervin, HA2OS

13564. Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 14:58:50 UTC
From: Tom Jones
Topic: 13552 Message: 13564

Yes the cap is fine and display works correctly other than the VFO knob will not change it. All other functions work memory up down buttons etc. So may be the encoder.

Sent from my iPhone

> On May 18, 2016, at 5:47 AM, Dave ve3wej ve3wej@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> does the vfo frequency change by the mike up/down functions , or change via computer control. what about memory up/down, or by using the vfo ch knob.....
>
> if the others work, it may be the encoder. the flicker may be the cap as mention previously, but I understand the complete display out is usually the result of that cap.
>
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
>> On Tue, May 17, 2016 at 10:10 PM, 'ik8vze' ik8vze@tiscali.it [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>
>>
>> open the top and bottom cover radio, then goes on to disassemble the display after removing the knobs carefully, you see that behind the display you can find an area with an inverter in a closed canister fill slopes are two display boards the first where there are the bulbs leave it alone, you should find a 16 volt capacitor C18 470mfarad if i recall, this is usually the cause of the malfunction of the display might be gone, you realize a loss from acid spillage on the slopes, so if you can make a bridge from the side reverse of the card or clean it with a glass fiber pen
>> good luck and 73 to list de ik8vze & ac2lc
>> ----- Original Message -----
>> From: Tom Jones n8nma@... [TS-850_450_690]
>> To: TS-850_450_690@yahoogroups.com
>> Sent: Wednesday, May 18, 2016 4:04 AM
>> Subject: Re: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers
>>
>>
>> Yes the last digit of the frequency display
>>
>> Sent from my iPhone
>>
>>> On May 17, 2016, at 10:00 PM, 'ik8vze' ik8vze@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>>>
>>>
>>> NOT I UNDERSTAND flashes the last digit of the display?
>>> ----- Original Message -----
>>> From: n8nma@yahoo.com [TS-850_450_690]
>>> To: TS-850_450_690@yahoogroups.com
>>> Sent: Wednesday, May 18, 2016 3:49 AM
>>> Subject: [TS-850_450_690] TS850 VFO does not change freq and last digit flickers
>>>
>>>
>>> Have and old 850 here and the VFO no longer changes the frequency. Also the last digit flickers. Have read some info on the internet about this but it mentions two variable resistors that I have not found. Also noticed that the D11 has been clipped in the radio to open it up frequency wise. The CAR board also has had the IC 1 replaced with the YM66312 but IC 2-4 are the YM6631. Looks like a lot of changes in the radio but would like to get it back to working condition. Anyone have any ideas on getting the VFO to work ?
>>>
>>> Thanks,
>>>
>>> Tom N8NMA
>>>
>
>

13565. Re: TS-450 PLL Unlock

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 12:32:48 UTC
From: sq3pjv@...
Topic: 13359 Message: 13565

Hello. or you solved your problem, because for me it is like.
The voltage is 3.5V fixed frequency has changed to LCD but does not change the voltage and, in fact, do not tune up.
(Google translator)
Darek SQ3PJV

13567. Re: [TS-850_450_690] New 450 Owner - Can Mic Socket Power MC-60/A? AT-450 Installed?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-18 23:28:43 UTC
From: Tom Waraksa
Topic: 13562 Message: 13567

Mike,
I have the same rig and mic. No batteries needed. Mic model no....no idea.
Internal tuner...from memory...select tuner and press the tune button. Tune light comes on and you will hear it tuning.

Tom AF8P

Sent from Yahoo Mail on Android

On Sat, May 14, 2016 at 8:02 AM, viragoxv@... [TS-850_450_690]<TS-850_450_690@...m> wrote:

I've added a 450 to the "stable". It came with a Kenwood MC-60 mic, and according to the mic manual, no batteries are needed for the pre-amp if power is supplied from the radio's mic socket. The radio manual shows 8V available on pin #5. The mic shows two 1.5V batteries needed for the mic pre-amp. I'm assuming I don't need mic batteries because of the 8V present on pin #5.....thoughts?

BTW, the mic is marked MC-60, but according to what I've read, the 60 did not have the UP-DOWN buttons which ARE present on my mic....is my mic an MC-60A in hiding?

I'm curious to confirm whether the radio has an automatic antenna tuner; can I open the radio and confirm? What should I look for?

Thanks! Mike, N3QIG

13568. Re: [TS-850_450_690] New 450 Owner - Auto Tuner Found...But.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-21 10:45:53 UTC
From: Tom Waraksa
Topic: 13561 Message: 13568

The tuner in the 450 will only tune SWR's that are about 3:1 or less. It is not a broad range tuner. I don't know about the 850 but I would think it is similar in capabilities. Perhaps they are different enough that the 850 tunes it.
Tom AF8P

On Wednesday, May 18, 2016 8:06 AM, "viragoxv@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  Sorry for the repost, but my earlier message hasn't been posted yet so I could not revise it....

Well, I don't see how I could have missed the auto tuner, but I now have found it! It occupies a large portion of the upper right area of the radio!

Anyway, I'll test more later, but still puzzled as to why my TS-850 SAT can tune my mini-G5RV so easily but this 450 auto tuner doesn't seem capable...any difference in tuning capabilities?...thoughts?

Thanks! Mike, N3QIG

13569. TS-450 S-meter and ALC meter alignment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-27 21:39:51 UTC
From: k9bf73@...
Topic: 13569 Message: 13569

Hello
I have a TS-450 that I am trying to put back in service. It works great now that I have affected a few repairs. However, the use of the adjustment menu system is confusing to me. For example, I set the S meter to S1 while injecting a 14 Mhz signal at the level indicated in the manual. All ok at this point. Now I inject an S9 level signal into the radio and the meter indicates 30 db over S9. So as per the alignment guide, I enter the adjustment menu set mode and select menu number 8. Ok, now what. I pressed the up key and then went to menu number 17 and wrote it to the EEPROM. I then turn the radio off and on again but its still at 30 over. Arrrrg. What am I missing here? Also having a problem setting the ALC meter. I feed 5 mv into the microphone input while in menu 13. I bring the mike gain up and then all of a sudden it pegs full scale. Arrrrg.
Is there anyone here who can give me some guidance? It seems to me that the service manual is missing some bit of information concerning the alignment set menu function. Either that or my brain is dying and I don't know it yet.
Thanks and 73
Ben K9BF

13570. Re: New 450 Owner - Auto Tuner Found...But.....

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-27 23:15:16 UTC
From: viragoxv@...
Topic: 13561 Message: 13570

OK guys, I found the problem....Menu Item #31 was set to OFF, and after I set it to ON, the tuner worked great!

Thanks! Mike, N3QIG

13571. Re: New 450 Owner - Can Mic Socket Power MC-60/A? AT-450 Installed?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-27 23:16:47 UTC
From: viragoxv@...
Topic: 13562 Message: 13571

The mic works fine on the 450....still don't understand A mc-60 WITH THE up/down BUTTONS!

Mike, N3QIG

13572. ACC1 connector - used for both band decoder and serial port control?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-28 23:03:23 UTC
From: bill@...
Topic: 13572 Message: 13572

I use my TS-850, paired with an Elecraft K3, in a contesting "SO2R" setup. I use the ACC jack to connect to the computer serial port.

Recently, I bought a Bandmaster IV to automatically switch my 8-pack antenna switch as the rig changes bands. It, too, is wired to connect to the same ACC connector.

I'd like to "Y" both devices off the ACC connector. That is, I am planning to open up the plug fixture on the cable to serial port, or the cable to the Bandmaster, and wire the other to the needed pins.

What issues should I be alert to? I don't seem to find any data about the ACC1 jack in the TS-850 manual, so its pin functions are a bit of a mystery.

Tks,

/Bill, K2PO
Portland, OR

13573. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-19 15:20:58 UTC
From: Mark Harber
Topic: 421 Message: 13573

Very nice work and thank you Jean-Paul!
I am planning to do an install on my TS-850 in the next few weeks and I will share this with the group when it is completed.
Mark

13575. Re: [TS-850_450_690] ACC1 connector - used for both band decoder and serial port control?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-29 13:19:18 UTC
From: Dave ve3wej
Topic: 13572 Message: 13575

perhaps check out the manual for the at-300 ?? I believe is the Kenwood
auto tuner, and it or the dsp100 connect to that pin set (acc1)

Dave Garber
VE3WEJ / VE3IE

On Sat, May 28, 2016 at 7:03 PM, bill@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> I use my TS-850, paired with an Elecraft K3, in a contesting "SO2R"
> setup. I use the ACC jack to connect to the computer serial port.
>
> Recently, I bought a Bandmaster IV to automatically switch my 8-pack
> antenna switch as the rig changes bands. It, too, is wired to connect to
> the same ACC connector.
>
> I'd like to "Y" both devices off the ACC connector. That is, I am
> planning to open up the plug fixture on the cable to serial port, or the
> cable to the Bandmaster, and wire the other to the needed pins.
>
> What issues should I be alert to? I don't seem to find any data about the
> ACC1 jack in the TS-850 manual, so its pin functions are a bit of a mystery.
>
> Tks,
>

> /Bill, K2PO
> Portland, OR
>
>
>
>

13576. Re: [TS-850_450_690] Re: New 450 Owner - Can Mic Socket Power MC-60/A? AT-450 Installed?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-29 17:02:52 UTC
From: Dave ve3wej
Topic: 13562 Message: 13576

it might be a "A" version, but I don't remember a mc 60 not having the up down ... I forget what the differences are for these 2 mikes.., but they did NOT label an "a" model with the "a"

Dave Garber
VE3WEJ / VE3IE

On Fri, May 27, 2016 at 7:16 PM, viragoxv@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> The mic works fine on the 450....still don't understand A mc-60 WITH THE
> up/down BUTTONS!
>
> Mike, N3QIG
>
>

13577. Re: [TS-850_450_690] TS-450 S-meter and ALC meter alignment

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-05-29 17:04:47 UTC
From: Dave ve3wej
Topic: 13569 Message: 13577

is the needle at over 30, maybe on receive, and rf gain is turned down???

Dave Garber
VE3WEJ / VE3IE

On Fri, May 27, 2016 at 5:39 PM, k9bf73@gmail.com [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hello

>
> I have a TS-450 that I am trying to put back in service. It works great
> now that I have affected a few repairs. However, the use of the adjustment
> menu system is confusing to me. For example, I set the S meter to S1 while
> injecting a 14 Mhz signal at the level indicated in the manual. All ok at
> this point. Now I inject an S9 level signal into the radio and the meter
> indicates 30 db over S9. So as per the alignment guide, I enter the
> adjustment menu set mode and select menu number 8. Ok, now what. I pressed
> the up key and then went to menu number 17 and wrote it to the EEPROM. I
> then turn the radio off and on again but its still at 30 over. Arrrrg. What
> am I missing here? Also having a problem setting the ALC meter. I feed 5 mv
> into the microphone input while in menu 13. I bring the mike gain up and
> then all of a sudden it pegs full scale. Arrrrg.
>
> Is there anyone here who can give me some guidance? It seems to me that
> the service manual is missing some bit of information concerning the
> alignment set menu function. Either that or my brain is dying and I don't
> know it yet.
>
> Thanks and 73
>
> Ben K9BF
>
>
>

13578. Unsubscibing Soon!

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-10 09:19:14 UTC
From: craigrobinson@...
Topic: 13578 Message: 13578

Hi Guys,

I'll be leaving this group shortly,not that it isn't helpful just that I've sold my 450 ....

But don't worry .... the madness continues as I've just acquired an "AS NEW" Kenwood TS 830S ....

Hopefully there is an 830 group out there too.

Thanks all.

73

Craig
EI3FW

13579. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-16 22:39:43 UTC
From: rzzz350@...
Topic: 421 Message: 13579

Jean Paul,

I have received instructions for installation and it appears that I have three options, the first being C164, or before Q27 depending on the strength of the audio path.

It will be probably the end of July since I will be on holiday in Europe before I have time to place it in the TS-850. Again, thank you for your help and experience. I will share what I come up with. The '850 is too fine a rig to let go, so here we go!

Mark

13580. Kenwood DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-16 22:44:23 UTC
From: rzzz350@...
Topic: 13580 Message: 13580

Hello all.

Have any of you owned or operated a Kenwood DSP-100 and sent it in for repair?

Can you recommend someone that is reputable for repairs?

My unit does not seem to receive on SSB/CW.

Thanks.

13581. Re: Kenwood DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-17 12:21:10 UTC
From: John tf
Topic: 13580 Message: 13581

Yes , Cliff at AVVid radio repair , is one of the highly regarded Kenwood guys I know of .
http://www.avvid.com/

John
KD0CAC

13582. Re: [TS-850_450_690] Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-17 12:25:20 UTC
From: John tf
Topic: 421 Message: 13582

The link says TS-450 , but the title says TS-850 ,
So which it ????

On Thu, Jun 16, 2016 at 5:39 PM, rzzz350@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Jean Paul,
>
> I have received instructions for installation and it appears that I have
> three options, the first being C164, or before Q27 depending on the
> strength of the audio path.
>
> It will be probably the end of July since I will be on holiday in Europe
> before I have time to place it in the TS-850. Again, thank you for your
> help and experience. I will share what I come up with. The '850 is too
> fine a rig to let go, so here we go!
>
> Mark
>
>
>

13583. Re: Kenwood DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-18 15:16:06 UTC
From: Crownhaven
Topic: 13580 Message: 13583

Second Clif at Avvid. Just got my 850 back from him. Have used him for years. There is no other! :)))))

Steve, N4JQQ

13584. Re: [TS-850_450_690] Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-17 12:49:07 UTC
From: Jean-Paul / F1LVT
Topic: 421 Message: 13584

John,
The modification (addition of a DSP) has been made for a TS-450 (and previously for a TS-440). The description is in the "New files uploaded" of the group.
Mark (rzzz350@...) wants to do the modification in a TS-850. It is why the link says TS-450 , but the title says TS-850. The DSP can be added in many transceivers, when you know how to do.
In the TS-850 where is the best place for the DSP insertion ? I do not know for the moment. I need to study the 850 schematics.
RegardsJean-Paul / F1LVT

Jean-Paul / F1LVT
Adresse mail : F1LVT@yahoo.fr
Site web : www.F1LVT.com

De : "John tf john.faughn@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
À : TS-850_450_690@yahoogroups.com
Envoyé le : Vendredi 17 juin 2016 14h25
Objet : Re: [TS-850_450_690] Re: New file uploaded to TS-850_450_690

  The link says TS-450 , but the title says TS-850 ,So which it ????
On Thu, Jun 16, 2016 at 5:39 PM, rzzz350@... [TS-850_450_690]
<TS-850_450_690@yahoogroups.com> wrote:

  Jean Paul,
I have received instructions for installation and it appears that I have three options, the first being C164, or before Q27 depending on the strength of the audio path.
It will be probably the end of July since I will be on holiday in Europe before I have time to place it in the TS-850. Again, thank you for your help and experience. I will share what I come up with. The '850 is too fine a rig to let go, so here we go!
Mark

13585. Re: [TS-850_450_690] Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-19 12:57:15 UTC
From: rzzz350@...
Topic: 421 Message: 13585

It is the TS-450.

John-Paul modified a '450 to take the BHI DSP, and I believe he had done the same earlier with a '440.

I was asking a while back about any info on using the BHI DSP in the '850.

I went over the schematic with BHI and they suggested two places to install it in the audio path.

I hope to have time to tackle it in mid-July when I get back to the US. If I get it right I will post it.

Mark

13586. Re: Kenwood DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-17 23:56:18 UTC
From: w4uii@...
Topic: 13580 Message: 13586

I recently emailed Cliff about a DSP-100 repair and he said he does not work on them due to nonavailability of parts.

13587. RE: [TS-850_450_690] Re: Kenwood DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-18 15:30:05 UTC
From: dlrust
Topic: 13580 Message: 13587

Sent from Samsung Mobile

-------- Original message --------
From: "Crownhaven crownhaven@bellsouth.net [TS-850_450_690]"
<TS-850_450_690@yahoogroups.com>
Date: 06/18/2016 10:16 AM (GMT-06:00)
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Kenwood DSP-100

Second Clif at Avvid. Just got my 850 back from him. Have used him for
years. There is no other! :)))))

Steve, N4JQQ

13588. Re: [TS-850_450_690] Re: Kenwood DSP-100

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-17 23:03:24 UTC
From: Mark Harber
Topic: 13580 Message: 13588

John, Thanks for the information.
Mark

On Friday, June 17, 2016 2:21 PM, "John tf john.faughn@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  Yes , Cliff at AVVid radio repair , is one of the highly regarded Kenwood guys I know of . http://www.avvid.com/

JohnKD0CAC

13589. Kenwood TS850 Tuner repair - Toroid info.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-07-01 09:38:40 UTC
From: ea1cxh@...
Topic: 13589 Message: 13589

Hi, the tuner of my 850 have one of the toroids burnt. It is the one used for the 80M band, L111 19.5 turns.
Does anyone know what kind of core is used on this toroids?. There is no information about the value in the service manual and the p/n L39-0495-5 is not available anywhere.

Thanks!

EA1NK - Juan

13590. Re: [TS-850_450_690] Kenwood TS850 Tuner repair - Toroid info.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-07-01 12:12:18 UTC
From: John tf
Topic: 13589 Message: 13590

I've come across the issue of trying to figure out unknown toroids before , I save this page .

Assessing unknown Ferrite Toroids

Ok so you have had a good day at the Rally and you have come back with a carrier bag full of ferrite toroids that "just might be useful for something". How do you find out what they are? Very few seem to be stamped with any indication of their properties, and some are 'painted' garish colours which presumably means something.

First of all there are basically two types of toroidal core, one is a sintered iron dust and is usefull at higher frequencies, and the other is one of two grades of ferrite material. The ferrite has much higher permiability (more Henries per turn) than the iron dust and is usable at much lower frequencies. Ferrite will thus make fine wide-band transformers, and baluns with bandwidths of at least a decade of frequency (e.g 3 to 30 MHz). There are a range of 'mixes' of the ferrites leading to a wide range of cores with different parameters. Several firms make ferrite material and cores and it is well worth searching for their web sites. This will not help if you do not know the properties of your Bargain cores.

The way to get some insight into the material of your cores is to measure a parameter often given as 'A' which is defined as the inductance per turn (sometimes it has a subscript 10 or 100 in which case it is the inductance of that many turns on the core. It is quite difficult to measure small inductances so wind 8 turns on the core. If you have a handheld DVM with an inductance range just put it across the coil and read the answer. Remember that you cannot have fractional turns on a toroid. every time the wire goes through the central hole it is one turn. Next you need to remember that inductance increases as the SQUARE of the turns. So if you measured 100uH, 4 turns would be 25uH, and 2 turns 6.25uH, so A is 1.56 (uH for 1 turn). You can now compare this with figures quoted for various grades of ferrite in the data sheets, and those used in published designs.

What do you do if you do not have an inductance range on your meter. The next best thing is to put a known value of capacitor with the coil to make a tuned circuit and find the resonant frequency. Lots of people will tell you that you cant 'GDO' a toroid, which is only partly true. If you put a loose wire closed-loop as a single turn through the core you can couple a GDO to that and measure the parallel resonance. You don't need to use the parallel resonance. If you feed a signal generator to the coil and a known capacitor in series you will get a minimum impedance at series resonance. So connect a large resistor 10K to 100K (it depends how sensitive your detector is.) between your signal source and the series LC circuit and connect the other end to the ground of the source. Connect an oscilloscope

or an ac milliviltmeter across the LC and swing the generator for a dip. Then use the resonance formula you learned for the RAE, trying not to get confused with the micros, millis and picos. You can even 'ring' a parallel tuned circuit with a square wave and measure the frequency of the ringing on an oscilloscope. I do recommend an inductance meter. Hand held LCR meters can be bought for a very resonable price and help to 'demystify' inductors for you. In fact, like me, you will wonder however you managed without one for so long.

What can you actually use your cores for? Without the full data it is difficult to be sure, but a good guideline is that the very high permiability cores are good for transformers and chokes, but not good for filter inductors. The lower permiability ferrite cores or the iron dust cores will work well as filter inductors. It may be a 'suck-it-and-see' decision, if the filter core gets hot with RF power applied then it is probably not the right material.

Inductors are FUN, they are one of the last of the "make it yourself" radio components.
John
KD0CAC

On Fri, Jul 1, 2016 at 4:38 AM, ea1cxh@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi, the tuner of my 850 have one of the toroids burnt. It is the one used
> for the 80M band, L111 19.5 turns.
>
> Does anyone know what kind of core is used on this toroids?. There is no
> information about the value in the service manual and the p/n L39-0495-5 is
> not available anywhere.
>
>
> Thanks!
>
>
> EA1NK - Juan
>
>
>

13591. Re: [TS-850_450_690] Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-06-25 03:20:40 UTC
From: Mark Harber
Topic: 421 Message: 13591

C164 seems to be the opinion, and up further in the audio chain near Q27 is another option, C156.
From what I can tell, I am going to try C164 first. I will start on it when I get back to the US.
Mark

On Friday, June 24, 2016 6:39 AM, "Jean-Paul / F1LVT F1LVT@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com> wrote:

  John,
The modification (addition of a DSP) has been made for a TS-450 (and previously for a TS-440). The description is in the "New files uploaded" of the group.
Mark (rzzz350@...) wants to do the modification in a TS-850. It is why the link says TS-450 , but the title says TS-850. The DSP can be added in many transceivers, when you know how to do.
In the TS-850 where is the best place for the DSP insertion ? I do not know for the moment. I need to study the 850 schematics.
RegardsJean-Paul / F1LVT

Jean-Paul / F1LVT
Adresse mail : F1LVT@...
Site web : www.F1LVT.com

De : "John tf john.faughn@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
À : TS-850_450_690@yahoogroups.com
Envoyé le : Vendredi 17 juin 2016 14h25
Objet : Re: [TS-850_450_690] Re: New file uploaded to TS-850_450_690

  The link says TS-450 , but the title says TS-850 ,So which it ????
On Thu, Jun 16, 2016 at 5:39 PM, rzzz350@yahoo.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

  Jean Paul,
I have received instructions for installation and it appears that I have three options, the first being C164, or before Q27 depending on the strength of the audio path.
It will be probably the end of July since I will be on holiday in Europe before I have time to place it in the TS-850. Again, thank you for your help and experience. I will share what I come up with. The '850 is too fine a rig to let go, so here we go!
Mark

13592. Re: Kenwood TS850 Tuner repair - Toroid info.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-07-14 21:30:12 UTC
From: ea1cxh@...
Topic: 13589 Message: 13592

Thank you John for the link. Finally I compared the size and color of the toroid with the more common ones and made an educated guess. It turned out to be an T106-2. I winded 20 turns of 18AWG enameled wire and bingo, now the tuner works again on all bands like a champ

Shawn - EA1NK

13593. Re: [TS-850_450_690] Re: Kenwood TS850 Tuner repair - Toroid info.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-07-14 22:45:20 UTC
From: John tf
Topic: 13589 Message: 13593

Shawn ,

Glad to here it works again :)

John
KD0CAC

On Thu, Jul 14, 2016 at 4:30 PM, ea1cxh@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
> Thank you John for the link. Finally I compared the size and color of the
> toroid with the more common ones and made an educated guess. It turned out
> to be an T106-2. I winded 20 turns of 18AWG enameled wire and bingo, now
> the tuner works again on all bands like a champ
>
> Shawn - EA1NK
>
>
>

13594. Kenwood TS-850 and BHI NEDSP 1061

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-07 02:24:36 UTC
From: rzzz350@...
Topic: 13594 Message: 13594

I just did the install and it works.

C164 in the IF unit was removed and that is where the Red and Blue wires of the DSP unit are soldered.

I set it up under the door of the top cover, so there is tons of room. Power comes from a nearby connector.

I will post an install guide in a couple of weeks. I was really surprised that there was excellent install information on the '440 and the '450, but not the '850. I have newer rigs in the arsenal but I really do love the '850. Probably the best radio that I have owned, and I bought it new.

Jean-Paul thank you for the ideas.

Mark

13595. TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-13 12:13:58 UTC
From: larsroos@...
Topic: 13595 Message: 13595

Hey folks!
This is my first post here and hope to get some help. When I press the "on" button, nothing happens. The voltage goes from 13.5V to nearly 0V when I try to turn on the radio. Can there be any shorting in the circuit board?

13596. Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 00:46:16 UTC
From: Bob Bruno - K2KI
Topic: 13596 Message: 13596

Hi all,
I have noticed this list has been very silent over the past couple of weeks. The last msg I have seen was on 8/6 and then before that there were only two msgs on 7/14.
Has this list been retired, moved or is there a problem with the moderator (s)?
Just curious.

--
73...
Bob de k2ki
k2ki@...
k2ki@...
k2ki.bb@...
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

13597. Re: [TS-850_450_690] Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 14:11:13 UTC
From: Zack Widup
Topic: 13596 Message: 13597

I think it's just no one has anything to say. I've noticed lulls in lists like this at the time a lot of people are on vacation during the summer months.

73, Zack W9SZ

On Tue, Aug 23, 2016 at 7:46 PM, Bob Bruno - K2KI k2ki@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi all,
> I have noticed this list has been very silent over the past couple of
> weeks. The last msg I have seen was on 8/6 and then before that there
> were only two msgs on 7/14.
> Has this list been retired, moved or is there a problem with the
> moderator (s)?
> Just curious.
>
> --
> 73...
> Bob de k2ki
> k2ki@...
> k2ki@...
> k2ki.bb@...
> 802-752-7225 (Cell - Call anytime)
> SKCC #12195
> NAQCC #2337
>
>
>

13598. Re: [TS-850_450_690] Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 15:45:59 UTC
From: Tom Osborne
Topic: 13596 Message: 13598

Everyone is probably on vacation. We just got back yesterday :-) 73
Tom W7WHY

On Tue, Aug 23, 2016 at 5:46 PM, Bob Bruno - K2KI k2ki@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> Hi all,
> I have noticed this list has been very silent over the past couple of
> weeks. The last msg I have seen was on 8/6 and then before that there
> were only two msgs on 7/14.
> Has this list been retired, moved or is there a problem with the
> moderator (s)?
> Just curious.
>
> --
> 73...
> Bob de k2ki
>
>
>
>

13599. TS-850 encoder problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 20:45:12 UTC
From: Tom Jones N8NMA
Topic: 13599 Message: 13599

Hello I have posted about this before but have still not had any luck fixing it. The 850 will change frequency with the keypad and the memory channel vfo channel know knob. However it will not change frequency with the main VFO knob. The last digit just flickers. I have tried another encoder and also tried replacing IC 15 and IC 16 on the bottom of the digital board. The only thing I haven't changed is the LZ92K37 which is a non-available kenwood chip. Anybody else have any luck with a repair on this area?
Thanks
Tom N8NMA

13600. Re: [TS-850_450_690] TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 20:57:33 UTC
From: Tom Osborne
Topic: 13595 Message: 13600

Did you try it with a battery, or a different power supply?

Sounds to me like maybe a transistor in the power supply has gone bad, 73
Tom W7WHY

On Sat, Aug 13, 2016 at 5:13 AM, larsroos@... [TS-850_450_690] <
TS-850_450_690@yahoogroups.com> wrote:

>
>
>
> Hey folks!
> This is my first post here and hope to get some help. When I press the
> "on" button, nothing happens. The voltage goes from 13.5V to nearly 0V when
> I try to turn on the radio. Can there be any shorting in the circuit board
> ?
>
>
>

13601. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 21:17:34 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421 Message: 13601

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Kenwood TS-850 BHI NEDSP1061-KBD Install.pdf
Uploaded by : rzzz350 <rzzz350@...>
Description : BHI DSP install in Kenwood TS-850

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/TS-850_450_690/files/Kenwood%20TS-850%20BHI%20NEDSP1061-KBD%20Install.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

rzzz350 <rzzz350@...>

13602. re: [TS-850_450_690] Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 13:50:38 UTC
From: JOEL GUIHENEUF
Topic: 13596 Message: 13602

hello dear freinds

no news good news

73qro

f8ezz joel

> Message du 24/08/16 15:42
> De : "Bob Bruno - K2KI k2ki@... [TS-850_450_690]"
> A : TS-850_450_690@yahoogroups.com
> Copie à :
> Objet : [TS-850_450_690] Is this list still working?
>
>

> Hi all,
> I have noticed this list has been very silent over the past couple of
> weeks. The last msg I have seen was on 8/6 and then before that there
> were only two msgs on 7/14.
> Has this list been retired, moved or is there a problem with the
> moderator (s)?
> Just curious.
>
> --
> 73...
> Bob de k2ki
> k2ki@...
> k2ki@...
> k2ki.bb@...
> 802-752-7225 (Cell - Call anytime)
> SKCC #12195
> NAQCC #2337
>
>

13603. RE: [TS-850_450_690] TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 15:04:02 UTC
From: <j.carax@...>
Topic: 13595 Message: 13603

Hello,

Where do you measure the voltage?
Is it a short circuit, a bad contact (fuse) or a broken power supply?

73,

Wilko

Sent from my Windows 10 phone

From: larsroos@... [TS-850_450_690]

[Non-text portions of this message have been removed]

13604. RE: [TS-850_450_690] Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 17:30:19 UTC
From: Ben Fisher
Topic: 13596 Message: 13604

I’m always here

K9BF

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, August 24, 2016 9:11 AM
To: TS-850_450_690 <TS-850_450_690@yahoogroups.com>
Subject: Re: [TS-850_450_690] Is this list still working?

I think it's just no one has anything to say. I've noticed lulls in lists like this at the time a lot of people are on vacation during the summer months.

73, Zack W9SZ

On Tue, Aug 23, 2016 at 7:46 PM, Bob Bruno - K2KI k2ki@... <mailto:k2ki@...> [TS-850_450_690] <TS-850_450_690@yahoogroups.com <mailto:TS-850_450_690@yahoogroups.com> > wrote:

Hi all,
I have noticed this list has been very silent over the past couple of weeks. The last msg I have seen was on 8/6 and then before that there were only two msgs on 7/14.
Has this list been retired, moved or is there a problem with the moderator (s)?
Just curious.

--
73...
Bob de k2ki
k2ki@... <mailto:k2ki@starc.org>
k2ki@... <mailto:k2ki@...>
k2ki.bb@... <mailto:k2ki.bb@...>
802-752-7225 <tel:802-752-7225> (Cell - Call anytime)
SKCC #12195
NAQCC #2337

[Non-text portions of this message have been removed]

13605. Re: [TS-850_450_690] TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 19:03:42 UTC
From: Dave ve3wej
Topic: 13595 Message: 13605

check the power supply, sounds bad.... pass transistor maybe or regulator circuit... can you try a different radio on THAT power supply??

Dave Garber
VE3WEJ / VE3IE

On Sat, Aug 13, 2016 at 8:13 AM, larsroos@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
>
> Hey folks!

> This is my first post here and hope to get some help. When I press the
> "on" button, nothing happens. The voltage goes from 13.5V to nearly 0V when
> I try to turn on the radio. Can there be any shorting in the circuit board
> ?
>
>
>

13606. Re: [TS-850_450_690] TS-850 encoder problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 21:24:34 UTC
From: Dave ve3wej
Topic: 13599 Message: 13606

is the f. lock on??? I can still go up and down with the hand mike, but
keypad is dead, so is vfo. IS this the same issue you have??

Dave Garber
VE3WEJ / VE3IE

On Wed, Aug 24, 2016 at 5:22 PM, Dave ve3wej <ve3wej@...> wrote:

> is the f. lock on??? I can still go up and down with the hand mike, but
> keypad is dead, so is vfo. IS this the same issue you have??
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Wed, Aug 24, 2016 at 4:45 PM, Tom Jones N8NMA n8nma@...
> [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> Hello I have posted about this before but have still not had any luck
>> fixing it. The 850 will change frequency with the keypad and the memory
>> channel vfo channel know knob. However it will not change frequency with
>> the main VFO knob. The last digit just flickers. I have tried another
>> encoder and also tried replacing IC 15 and IC 16 on the bottom of the
>> digital board. The only thing I haven't changed is the LZ92K37 which is a
>> non-available kenwood chip. Anybody else have any luck with a repair on
>> this area?
>>
>> Thanks
>>
>> Tom N8NMA
>>
>>
>>
>
>

13607. Re: TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-25 13:23:13 UTC
From: Bob
Topic: 13595 Message: 13607

I have to agree with Tom. Eliminate the power supply first. I have seen an increasing number of switch mode power supplies act in this manner lately. Try a battery off a car and then check the cables from the battery to the radio to make sure you don't have one broken partly thru. Also, check the inline fuses in the power cable to make sure the slip-on lugs are clean and tight so they can carry current along with the voltage. I have seen those get dirty, rusty, sulfated and just plain "skinned-over" over the years.

Good luck. 73,

Bob K5INW

13608. Re: [TS-850_450_690] Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-24 16:25:30 UTC
From: <jtjc810@...>
Topic: 13596 Message: 13608

Using my TS-850S daily, working great(luckily), so no issues here to report.
73 Joe WR2B

From: mailto:TS-850_450_690@yahoogroups.com
Sent: Wednesday, August 24, 2016 10:11 AM
To: TS-850_450_690
Subject: Re: [TS-850_450_690] Is this list still working?

I think it's just no one has anything to say. I've noticed lulls in lists like this at the time a lot of people are on vacation during the summer months.

73, Zack W9SZ

On Tue, Aug 23, 2016 at 7:46 PM, Bob Bruno - K2KI k2ki@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Hi all,
I have noticed this list has been very silent over the past couple of weeks. The last msg I have seen was on 8/6 and then before that there were only two msgs on 7/14.

Has this list been retired, moved or is there a problem with the moderator (s)?
Just curious.

--
73...
Bob de k2ki
k2ki@...
k2ki@...
k2ki.bb@...
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

13609. Re: [TS-850_450_690] TS-850 encoder problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-25 14:54:38 UTC
From: Tom Jones
Topic: 13599 Message: 13609

Keypad does work it's just the main encoder that doesn't work.
Tom

Sent from my iPhone

> On Aug 24, 2016, at 5:24 PM, Dave ve3wej ve3wej@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>
> is the f. lock on??? I can still go up and down with the hand mike, but keypad is dead, so is vfo. IS this the same issue you have??
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
>> On Wed, Aug 24, 2016 at 5:22 PM, Dave ve3wej <ve3wej@...> wrote:
>> is the f. lock on??? I can still go up and down with the hand mike, but keypad is dead, so is vfo. IS this the same issue you have??
>>
>>
>> Dave Garber
>> VE3WEJ / VE3IE
>>
>>> On Wed, Aug 24, 2016 at 4:45 PM, Tom Jones N8NMA n8nma@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>>
>>> Hello I have posted about this before but have still not had any luck fixing it. The 850 will change frequency with the keypad and the memory channel vfo channel know knob. However it will not change frequency with the main VFO knob. The last digit just flickers. I have tried another encoder and also tried replacing IC 15 and IC 16 on the bottom of the digital board. The only thing I haven't changed is the LZ92K37 which is a non-available kenwood chip. Anybody else have any luck with a repair on this area?
>>>
>>> Thanks
>>>
>>> Tom N8NMA
>>
>
>

13610. Re: [TS-850_450_690] TS-850 encoder problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-25 14:55:16 UTC
From: Tom Jones
Topic: 13599 Message: 13610

Oops no the flock is not on
Tom

Sent from my iPhone

> On Aug 24, 2016, at 5:24 PM, Dave ve3wej ve3wej@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
>
> is the f. lock on??? I can still go up and down with the hand mike, but keypad is dead, so is vfo. IS this the same issue you have??
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
>> On Wed, Aug 24, 2016 at 5:22 PM, Dave ve3wej <ve3wej@...> wrote:
>> is the f. lock on??? I can still go up and down with the hand mike, but keypad is dead, so is vfo. IS this the same issue you have??
>>
>>
>> Dave Garber
>> VE3WEJ / VE3IE
>>
>>> On Wed, Aug 24, 2016 at 4:45 PM, Tom Jones N8NMA n8nma@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>>
>>> Hello I have posted about this before but have still not had any luck fixing it. The 850 will change frequency with the keypad and the memory channel vfo channel know knob. However it will not change frequency with the main VFO knob. The last digit just flickers. I have tried another encoder and also tried replacing IC 15 and IC 16 on the bottom of the digital board. The only thing I haven't changed is the LZ92K37 which is a non-available kenwood chip. Anybody else have any luck with a repair on this area?
>>>
>>> Thanks
>>>
>>> Tom N8NMA
>>
>
>

13611. Re: [TS-850_450_690] TS-850 encoder problems

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-25 14:58:15 UTC
From: Tom Jones
Topic: 13599 Message: 13611

I saw a pic in the files section here dealing with the LZ92K37 chip where jumpers had been soldered in to fix trace damage. Going to see if the traces are good?
Tom N8NMA

Sent from my iPhone

> On Aug 25, 2016, at 10:55 AM, Tom Jones n8nma@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>
> Oops no the flock is not on
> Tom
>
> Sent from my iPhone
>
>> On Aug 24, 2016, at 5:24 PM, Dave ve3wej ve3wej@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>
>>
>>
>> is the f. lock on??? I can still go up and down with the hand mike, but keypad is dead, so is vfo. IS this the same issue you have??
>>
>>
>> Dave Garber
>> VE3WEJ / VE3IE
>>
>>> On Wed, Aug 24, 2016 at 5:22 PM, Dave ve3wej <ve3wej@...> wrote:
>>> is the f. lock on??? I can still go up and down with the hand mike, but keypad is dead, so is vfo. IS this the same issue you have??
>>>
>>>
>>> Dave Garber
>>> VE3WEJ / VE3IE
>>>
>>>> On Wed, Aug 24, 2016 at 4:45 PM, Tom Jones N8NMA n8nma@yahoo.com [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:
>>>>
>>>> Hello I have posted about this before but have still not had any luck fixing it. The 850 will change frequency with the keypad and the memory channel vfo channel know knob. However it will not change frequency with the main VFO knob. The last digit just flickers. I have tried another encoder and also tried replacing IC 15 and IC 16 on the bottom of the digital board. The only thing I haven't changed is the LZ92K37 which is a non-available kenwood chip. Anybody else have any luck with a repair on this area?
>>>>
>>>> Thanks
>>>>

>>>> Tom N8NMA
>
>

13612. RE: [TS-850_450_690] TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-26 01:28:05 UTC
From: Mike Feher
Topic: 13595 Message: 13612

I would recommend a know good power supply first in case the PS for the 450 is way overvoltage. I have a PS-30 with my TS-450 and the PS is the worst design I have seen. It was putting out over 20 volts to begin with. Replacing a bad transistor in the PS fixed that and thankfully no damage was incurred by the TS-450. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
Sent: Wednesday, August 24, 2016 3:04 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-450S Will not power on.

check the power supply, sounds bad.... pass transistor maybe or regulator circuit... can you try a different radio on THAT power supply??

Dave Garber

VE3WEJ / VE3IE

On Sat, Aug 13, 2016 at 8:13 AM, larsroos@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

Hey folks!
This is my first post here and hope to get some help. When I press the "on" button, nothing happens. The voltage goes from 13.5V to nearly 0V when I try to turn on the radio. Can there be any shorting in the circuit board?

13613. TS-450S AT ACC2 port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-28 18:08:37 UTC
From: junkmailsux@...
Topic: 13613 Message: 13613

I'm trying to get started with digital modes. I've been fighting with Easy Digi connected to my ACC2 port for 2 weeks. I've tested the Easy Digi in every conceivable way and it works perfectly. I've connected speakers to the 13 pin din and played music through the ED and both sides (RX & TX) sound great.

When I run FLDIGI the waterfall is barely visible. If I unplug the computer's output (to the rig) the waterfall looks fine. Also, no matter what I try the rig won't hear the computer. I've turned the VOX all the way down and it still won't do anything. I've even tried playing music through the ED to the rig as in the previous test. It won't key up. If I use a mic, the VOX works so it's not a problem with the VOX.

I thought I may have hooked it up backwards (looking at the wrong side compared to the schematic) but I know I soldered it correctly since I grounded pin 9 and it keyed the radio.

Is there any way to test the ACC2 port input? That's the only thing left that I can think of that might be at fault. Any other suggestions would be appreciated.

This might explain it more clearly.

https://youtu.be/y0t6fi7IRH8 https://youtu.be/y0t6fi7IRH8

Chad
KK6DPE

13614. Re: TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-30 07:12:34 UTC
From: larsroos@...
Topic: 13595 Message: 13614

Thanks for your suggestions. The radio belongs to a friend and it suddenly began to behave that way. The power supply works flawlessly. I own self a TS-450SAT, if it can be of any use? Final transistors are not shorted. I measure the voltage on the final card on the W2.

13615. TS850 VCTCXO

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-28 09:56:24 UTC
From: randee01@...
Topic: 13615 Message: 13615

Where can a VCTCXO or better unit be found for a TS850SAT?

13616. Re: [TS-850_450_690] Is this list still working?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-29 16:39:52 UTC
From: Bob Bruno - K2KI
Topic: 13596 Message: 13616

Hi Zack all...

I figured it might be something like that.

But, I was away from the computer for an extended due to serious health
issues.
But, I am healing up slowly but with great progress.

I thought that maybe since I had not been active on the list that maybe
I was removed
or if there were excessive bounces that I would not receive mail.

Thanks to all for the reply! (And see, after I posted, others followed) :-)

--
73...
Bob de k2ki
k2ki@...
k2ki@...
k2ki.bb@...
802-752-7225 (Cell - Call anytime)
SKCC #12195
NAQCC #2337

On 8/24/2016 10:11 AM, Zack Widup w9sz.zack@... [TS-850_450_690]
wrote:
> I think it's just no one has anything to say. I've noticed lulls in
> lists like this at the time a lot of people are on vacation during the
> summer months.
>
> 73, Zack W9SZ
>
>
> On Tue, Aug 23, 2016 at 7:46 PM, Bob Bruno - K2KI k2ki@...
> <mailto:k2ki@...> [TS-850_450_690]
> <TS-850_450_690@yahoogroups.com
> <mailto:TS-850_450_690@yahoogroups.com>> wrote:
>
> Â
>
> Hi all,
> I have noticed this list has been very silent over the past couple of
> weeks. The last msg I have seen was on 8/6 and then before that there
> were only two msgs on 7/14.
> Has this list been retired, moved or is there a problem with the
> moderator (s)?

> Just curious.
>
> --
> 73...
> Bob de k2ki
> k2ki@... <mailto:k2ki@starc.org>
> k2ki@... <mailto:k2ki@...>
> k2ki.bb@gmail.com <mailto:k2ki.bb@...>
> 802-752-7225 <tel:802-752-7225>(Cell - Call anytime)
> SKCC #12195
> NAQCC #2337
>
>
>
> ---
>

13617. Re: [TS-850_450_690] TS-450S AT ACC2 port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-31 22:29:07 UTC
From: Dave ve3wej
Topic: 13613 Message: 13617

which radio, I believe the audio output is a menu option, maybe your is down too low

Dave Garber
VE3WEJ / VE3IE

On Sun, Aug 28, 2016 at 2:08 PM, junkmailsux@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> I'm trying to get started with digital modes. I've been fighting with Easy
> Digi connected to my ACC2 port for 2 weeks. I've tested the Easy Digi in
> every conceivable way and it works perfectly. I've connected speakers to
> the 13 pin din and played music through the ED and both sides (RX & TX)
> sound great.
>
>
> When I run FLDIGI the waterfall is barely visible. If I unplug the
> computer's output (to the rig) the waterfall looks fine. Also, no matter
> what I try the rig won't hear the computer. I've turned the VOX all the
> way down and it still won't do anything. I've even tried playing music
> through the ED to the rig as in the previous test. It won't key up. If I
> use a mic, the VOX works so it's not a problem with the VOX.
>
>
> I thought I may have hooked it up backwards (looking at the wrong side
> compared to the schematic) but I know I soldered it correctly since I
> grounded pin 9 and it keyed the radio.
>
>
> Is there any way to test the ACC2 port input? That's the only thing left
> that I can think of that might be at fault. Any other suggestions would be
> appreciated.
>
>
> This might explain it more clearly.
>
> https://youtu.be/y0t6fi7IRH8
>
>
> Chad
>
> KK6DPE
>
>

>

13618. Re: [TS-850_450_690] TS-450S AT ACC2 port

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-31 22:31:20 UTC
From: Dave ve3wej
Topic: 13613 Message: 13618

also verify you don't have pin 11 and 12 reversed, or pin 3 and 4 reversed

Dave Garber
VE3WEJ / VE3IE

On Wed, Aug 31, 2016 at 6:29 PM, Dave ve3wej <ve3wej@...> wrote:

> which radio, I believe the audio output is a menu option, maybe your is
> down too low
>
>
> Dave Garber
> VE3WEJ / VE3IE
>
> On Sun, Aug 28, 2016 at 2:08 PM, junkmailsux@... [TS-850_450_690] <
> TS-850_450_690@yahoogroups.com> wrote:
>
>>
>>
>> I'm trying to get started with digital modes. I've been fighting with
>> Easy Digi connected to my ACC2 port for 2 weeks. I've tested the Easy Digi
>> in every conceivable way and it works perfectly. I've connected speakers to
>> the 13 pin din and played music through the ED and both sides (RX & TX)
>> sound great.
>>
>>
>> When I run FLDIGI the waterfall is barely visible. If I unplug the

>> computer's output (to the rig) the waterfall looks fine. Also, no matter
>> what I try the rig won't hear the computer. I've turned the VOX all the
>> way down and it still won't do anything. I've even tried playing music

>> through the ED to the rig as in the previous test. It won't key up. If I
>> use a mic, the VOX works so it's not a problem with the VOX.
>>
>>
>> I thought I may have hooked it up backwards (looking at the wrong side
>> compared to the schematic) but I know I soldered it correctly since I
>> grounded pin 9 and it keyed the radio.
>>
>>
>> Is there any way to test the ACC2 port input? That's the only thing left
>> that I can think of that might be at fault. Any other suggestions would be
>> appreciated.
>>
>>

>> This might explain it more clearly.
>>
>> https://youtu.be/y0t6fi7IRH8
>>
>>
>> Chad
>>
>> KK6DPE
>>
>>
>>
>
>

13619. Re: TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-08-31 15:31:01 UTC
From: <j.carax@...>
Topic: 13595 Message: 13619

So, the voltage goes from 13.8 V to 0 V measured inside the radio, but the power supply is good and there is no short. (A short that forces the voltage to zero would be detectable. Something would get hot etc.)

I think you have a bad contact. Check the fuse and the fuse holders. Does the radio have a relay for DC power?

Good luck and 73,

Wilko

Sent from my Windows 10 phone

13620. Re: [TS-850_450_690] Re: TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-06 18:51:51 UTC
From: Tom Osborne
Topic: 13595 Message: 13620

Wilko has a good point.

I once had the same problem and it was that the fuse in the fuse holder was not making good contact with the fuse and when I'd him 'transmit' the rig would click off.

I tightened up the fuse holder and it fixed the problem 73
Tom W7WHY
t

> So, the voltage goes from 13.8 V to 0 V measured inside the radio, but the
> power supply is good and there is no short. (A short that forces the
> voltage to zero would be detectable. Something would get hot etc.)
>
>
> I think you have a bad contact. Check the fuse and the fuse holders. Does
> the radio have a relay for DC power?
>
>
> Good luck and 73,
>
>
> Wilko
> .
>

13621. Re: [TS-850_450_690] Re: TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-06 18:08:34 UTC
From: Matias Ricardo Ordoñez
Topic: 13595 Message: 13621

I had the same problem.
Try changing the power cord. Molex connectors cause problems.

73 &Dxs

Matias

De: TS-850_450_690@yahoogroups.com <TS-850_450_690@yahoogroups.com> en nombre de j.carax@... [TS-850_450_690] <TS-850_450_690@yahoogroups.com>
Enviado: miércoles, 31 de agosto de 2016 03:31 p. m.
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Re: TS-450S Will not power on.

So, the voltage goes from 13.8 V to 0 V measured inside the radio, but the power supply is good and there is no short. (A short that forces the voltage to zero would be detectable. Something would get hot etc.)

I think you have a bad contact. Check the fuse and the fuse holders. Does the radio have a relay for DC power?

Good luck and 73,

Wilko

Sent from my Windows 10 phone

13622. Re: Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-21 13:09:50 UTC
From: n7uvh@...
Topic: 13535 Message: 13622

hi guys... I am getting ready to see if I can get my ole ts-450 to was a panadapter I am going to use the TP1.. and I found this small board that I paid 22 for.. here is his link. will see how it going and will report on noise and signal strength and width.. i am guessing i will get about 70 kc width??

cul
Murf
n7uvh

13623. Re: Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-21 13:10:59 UTC
From: n7uvh@...
Topic: 13535 Message: 13623

opps for got the link for PAD board.

G4HUP PAT High Impedance Buffer http://g4hup.com/PAT.htm

G4HUP PAT High Impedance Buffer http://g4hup.com/PAT.htm G4HUP Panoramic Adaptor Tap Board Home | Archive | Kits, Prices and Ordering | Events My Personal Radio Pages | Bibliography | Links

View on g4hup.com http://g4hup.com/PAT.htm
Preview by Yahoo

13624. Re: [TS-850_450_690] Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-22 08:02:16 UTC
From: Bryan Swadener
Topic: 13535 Message: 13624

Murf,

Yes, in order to see any significant bandwidth, you need to tap AHEAD of the MCF (73.05 MHz roofing filter), Ref X1. TP1 is a convenient tap point. Interestingly, the instructions for the G4HUB buffer amplifier would have you tapping AFTER the roofing filter at TP2. Doing that would severely limit the bandwidth to the panadapter.

The rig's L-C frontend bandpass filter should be at least several hundred KHz wide (via TP1). The roofing filter (via TP2), while nowhere near state of the art, should be MUCH narrower... maybe only 20 KHz at the -6dB points.

See http://tinyurl.com/wa7prc-ts450s for block diagram, schematic, and PCB images.

vy 73,
Bryan WA7PRC

Subject: Re: Panadaptor with ts450 or where to tap at
From: Murf N7UVH
Date: Wed Sep 21, 2016

hi guys... I am getting ready to see if I can get my ole ts-450 to was a panadapter I am going to use the TP1.. and I found this small board that I paid 22 for.. here is his link. will see how it going and will report on noise and signal strength and width.. i am guessing i will get about 70 kc width??

cul
Murf
n7uvh

Subject: Re: Panadaptor with ts450 or where to tap at
From: Murf N7UVH
Date: Wed Sep 21, 2016 6:11 am

opps for got the link for PAD board.

G4HUP PAT High Impedance Buffer http://g4hup.com/PAT.htm

13625. Re: [TS-850_450_690] Re: Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-23 08:21:07 UTC
From: Bryan Swadener
Topic: 13535 Message: 13625

Yahoo email messed up the shortcut to my images. It should be:

http://tinyurl.com/wa7prc-ts450s

Bryan WA7PRC

13626. Re: [TS-850_450_690] Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-23 21:42:28 UTC
From: n7uvh@...
Topic: 13535 Message: 13626

tnx for chiming in.. sort of what i thought also..
so going to use the nice tap Kenwood left for me.
waiting for that style of plug to arrivel
i will let you know how it turns out.
.

13627. Re: [TS-850_450_690] Re: Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-09-23 21:44:16 UTC
From: n7uvh@...
Topic: 13535 Message: 13627

got it tnx will try using TP 1 glad to hear I will have that much
band width.
I know the edges will fall off.

13628. Re: TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-11 22:08:25 UTC
From: larsroos@...
Topic: 13595 Message: 13628

Yes, it was a malfunction in the fuse holder on the plus power cord.
I'm glad there was not a more serious fault in the radio.
I thank you all for the answers that I received here.
Regards Lars

13629. Re: Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-13 03:07:50 UTC
From: vkduff@...
Topic: 13535 Message: 13629

what is the plug number and source for connecting to TP1
i have a sm-220 and a rtl-sdr dongle working with my ts-830
would be nice to be able to use one of them on my ts-450
SM-220 / BS-8 Converter for FT-1000D - W2PA.com - Amateur Radio
http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D

http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D

SM-220 / BS-8 Converter for FT-1000D - W2PA.com - A...
http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D Chris Codella, Amateur Radio W2PA

View on www.w2pa.com http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D
Preview by Yahoo

I found this very interesting

13630. LSB/USB sound quite different (noise, bosgnal).

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-21 15:50:06 UTC
From: pa3kve@...
Topic: 13630 Message: 13630

Hi

Something I noticed recently:
while the receiver is working ok, I find a different sound of the noise when no signal.
LSB sound more hiis, while USB is sounding darker.
I can make it sound the same with the IF-shift, but when in the middle the sound are different.

Anyone on this?

73
Kees
PA3KVE

13631. LSB / USB sound different (not equal)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-22 07:20:35 UTC
From: pa3kve@...
Topic: 13631 Message: 13631

Hi,

I recently discoverd that my 450S, in USB sound more "dark" or muffled if you like, while LSB sound more "hiss".
I read here that the IF shift could be aligned, but I do not understand how this works.
Tried to do this in the alighment procedure:
+ power on with the 3 buttons,
+ set to menu set 05
+ and then ???

Any help would very much appriciated

73
Kees
PA3KVE

13632. TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-24 09:44:21 UTC
From: larsroos@...
Topic: 13595 Message: 13632

Hello! I do not know why my answers are not published ?. so I try again.
Indeed, the error was in the fuse holder on the plus line. Now, everything works just fine.
Thanks for all the help and answers.

73 de Lars

13633. Re: [TS-850_450_690] LSB / USB sound different (not equal)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-26 13:09:50 UTC
From: Bob Naylor
Topic: 13631 Message: 13633

The radio needs an alignment. Although I don't recommend this... I've used the "passband" part of the alignment procedure in other radios (NOT A 450) to cure this. Just note all you change so you can return it to where it is now just in case.If you're not accustomed to aligning radios, procede with extreme caution. Bob WE6C

From: "pa3kve@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 22, 2016 12:20 AM
Subject: [TS-850_450_690] LSB / USB sound different (not equal)

  Hi,
I recently discoverd that my 450S, in USB sound more "dark" or muffled if you like, while LSB sound more "hiss".I read here that the IF shift could be aligned, but I do not understand how this works.Tried to do this in the alighment procedure:+ power on with the 3 buttons,+ set to menu set 05+ and then ???
Any help would very much appriciated
73KeesPA3KVE

13634. Re: [TS-850_450_690] TS-450S Will not power on.

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-26 13:10:34 UTC
From: Bob Naylor
Topic: 13595 Message: 13634

Nice when it's an easy fix!Bob WE6C

From: "larsroos@...m [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 24, 2016 2:44 AM
Subject: [TS-850_450_690] TS-450S Will not power on.

Hello! I do not know why my answers are not published ?. so I try again.
Indeed, the error was in the fuse holder on the plus line. Now, everything works just fine.
Thanks for all the help and answers.
73 de Lars

13635. RE: [TS-850_450_690] LSB / USB sound different (not equal)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-27 00:12:46 UTC
From: Mike - AA1AR
Topic: 13631 Message: 13635

Kees,

The next step is to make sure the IF Shift knob is centered, then press the UP key.

73, Mike – AA1AR

Hi,

I recently discoverd that my 450S, in USB sound more "dark" or muffled if you like, while LSB sound more "hiss".

I read here that the IF shift could be aligned, but I do not understand how this works.

Tried to do this in the alighment procedure:

+ power on with the 3 buttons,

+ set to menu set 05

+ and then ???

Any help would very much appriciated

73

Kees

PA3KVE

_____

Posted by: pa3kve@...

_____

13636. Re: [TS-850_450_690] Panadaptor with ts450 or where to tap at

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-27 08:17:33 UTC
From: Bryan Swadener
Topic: 13535 Message: 13636

Hi Chris,
The sweep oscillator in the BS-8 for the SM-220 is known to drift terribly. I found that to be the case. Also, the CRT uses a short-persistence phosphor, which is not at all suitable for use in a panadapter. Other not so good features... the graticule isn't marked for use in a spectrum analyzer and the setups for panadapter and xmit monitor require turning knobs & switches. That's a big PITA every time you toggle between xmit and rcv. That's why I adapted my Heathkit SB-620 'Scanalyzer' to work with Kenwood's 8.83 MHz IF. Also, the SM-220 as a xmit monitor should've had triggered sweep. I use a Tektronix lab scope for xmit monitoring. OTOH, the SM-220 is a pretty box.
In any case, for the TS450S, you'll find TP1 between L54, L55, and X1 on the RF Unit PCBA. See http://tinyurl.com/wa7prc-ts450s for details.
vy 73,Bryan WA7PRC

Subject: Re: Panadaptor with ts450 or where to tap at
Posted by: vkduff@... ke5aee
Date: Wed Oct 26, 2016

what is the plug number and source for connecting to TP1
i have a sm-220 and a rtl-sdr dongle working with my ts-830
would be nice to be able to use one of them on my ts-450
SM-220 / BS-8 Converter for FT-1000D - W2PA.com - Amateur Radio
http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D

http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D

SM-220 / BS-8 Converter for FT-1000D - W2PA.com - A...
http://www.w2pa.com/Home/articles/SM-220--BS-8-Converter-for-FT-1000D Chris Codella, Amateur Radio W2PA

13637. TS 850, no tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-27 01:50:50 UTC
From: radglenn@...
Topic: 13637 Message: 13637

Hi and Thanks for letting me into the group!!

I have a TS-850S and I love it! but I have a big problem I can't figure out.

When you press the PTT the red light comes on the front but no TX, no antenna tuner TX, no CAT control TX.. I replace the diodes on the RF board AND replaced the board itself...

The is no 8 volts on the TXB line..... can any one point me in the right direction??

Thanks and 73's

Glenn, WB8ROI

13638. Re: LSB / USB sound different (not equal)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-27 14:29:26 UTC
From: pa3kve@...
Topic: 13631 Message: 13638

Hi Mike,

I did that, but to me it seems nothing happens after that.
And no change either.

Any ideas?

73
Kees
PA3KVE

13639. Re: LSB / USB sound different (not equal)

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-28 15:15:52 UTC
From: pa3kve@...
Topic: 13631 Message: 13639

Hello Mike,

I did that, but no (re)action followed.
No change too.

Any ideas?

73
Kees
PA3KVE

13640. Soemthing wrong with the posts?

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-10-29 16:24:12 UTC
From: pa3kve@...
Topic: 13640 Message: 13640

Hi
I recently tried to anser on some posts, but my posts are not recorded in the forum.
Any idea what I am doing wrong?

73
Kees
PA3KVE

13641. Re: [TS-850_450_690] TS 850, no tx

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-11-02 22:59:28 UTC
From: Bob Naylor
Topic: 13637 Message: 13641

Both "carrier" and "power out" controls up? Not sure how this effects the 8 volts but seen many times the carrier control gets turned down so no TX.Bob WE6C

From: "radglenn@... [TS-850_450_690]" <TS-850_450_690@yahoogroups.com>
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 26, 2016 6:50 PM
Subject: [TS-850_450_690] TS 850, no tx

  Hi and Thanks for letting me into the group!!
I have a TS-850S and I love it! but I have a big problem I can't figure out.
When you press the PTT the red light comes on the front but no TX, no antenna tuner TX, no CAT control TX.. I replace the diodes on the RF board AND replaced the board itself...
The is no 8 volts on the TXB line..... can any one point me in the right direction??
Thanks and 73's
Glenn, WB8ROI

13642. Test

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-11-14 07:13:06 UTC
From: Zack Widup
Topic: 438 Message: 13642

A member says he can't send messages to the group.

73, Zack W9SZ

13643. Re: [TS-850_450_690] RE: 480 Audio Issues - Diagnosed

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-12-02 17:20:55 UTC
From: Tom Waraksa
Topic: 11825 Message: 13643

I am replying to this old email string as a means to test my email ability. I have sent several group emails lately and non of them have posted.

Thanks,
Tom AF8P

On Sunday, March 9, 2014 3:03 PM, "myyahoo@chycoski.com" <myyahoo@...> wrote:

  I'd actually recommend a 25 volt cap in that position - it's a 13 volt rail driving an inductive load (the speaker).

- Richard, VE7CVS

13644. Re: [TS-850_450_690] Test

Yahoo group: TS-850_450_690 (2010 — 2016)
Date: 2016-11-29 23:08:19 UTC
From: Dave ve3wej
Topic: 438 Message: 13644

mine too

Dave Garber
VE3WEJ / VE3IE

On Mon, Nov 14, 2016 at 2:13 AM, Zack Widup w9sz.zack@...
[TS-850_450_690] <TS-850_450_690@yahoogroups.com> wrote:

>
>
> A member says he can't send messages to the group.
>
> 73, Zack W9SZ
>
>
>